

**Technical Report for the
Tinta Hill Target Evaluation Project
(YMEP Project 16-045)
Freegold Mountain Property
Yukon Territory**

Volume I - Report

Latitude 62°18'N, Longitude 137°12'W

Map sheets 115I/3, 115I/6, and 115I/7

Whitehorse Mining District

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January 10th, 2017

Summary

Northern Freegold Resources Ltd. (“Northern Freegold”) holds 100% ownership of the Freegold Mountain Project (the “Project”). The Project is located approximately 200.0 km north-northwest of the city of Whitehorse and 70.0 km northwest of the town of Carmacks within the Dawson Range. Carmacks is situated on the Klondike Highway, a paved all-weather highway running from Whitehorse to Dawson City. From Carmacks, the unpaved Freegold road, along with subsidiary gravel roads, provides access to a large portion of the Project including the Bow Creek camp, the Revenue camp, the Tinta Hill camp, the Nucleus Deposit, the Revenue Deposit, the Tinta Hill Deposit and numerous other prospective mineral occurrences.

In 1930 prospector P.F. Guder discovered lode gold on the western side of Freegold Mountain. During the autumn and winter of 1930-1931 prospectors rushed to the region, staking over 100 claims. Placer and surface exploration for gold continued intermittently until the 1950s when the focus of exploration in the Dawson Range shifted to porphyry copper occurrences. Since the 1960s the Freegold Mountain Property has been owned and explored by various individuals and companies resulting in a patchwork of claims. An extensive soil geochemistry survey in the late 1960s led to the initial discovery of the three currently known deposits on the Project. In 2006 the claims were consolidated for the first time under Northern Freegold Resources Ltd., who has conducted extensive exploration from 2006 through 2013.

The Project includes 1052 contiguous two-post Yukon Quartz claims and covers an area of approximately 200.0 km² of the Whitehorse Mining District. The Project is comprised of four individual exploration properties including Tinta Hill (140 Claims), Freegold (332), Goldstar (80 claims) and Golden Revenue (325 claims) as well as 175 additional claims staked by Northern Freegold in 2009.

The Dawson Range district of west-central Yukon is recognized for its numerous Cretaceous Cu-Au-Mo porphyry and Au deposits, prospects and occurrences which today hold a global bedrock resource of ~ 15 Moz Au (Allan et al., 2013). The Project lies within the Dawson Range district and contains three NI43-101 compliant resources including the Nucleus, Revenue, and Tinta Hill deposits which together represent ~ 4.9 Moz AuEq as of January 2013.

The greater Freegold Mountain area is underlain by allochthonous Paleozoic or older metasedimentary and lesser metavolcanic rocks belonging to the Yukon-Tanana Terrane. The basement metamorphic rocks are extensively intruded by at least three episodic, punctuated magmatic events ranging in age from Jurassic through to Late Cretaceous and are considered to be part of the Coast Plutonic Complex (Allan et al., 2013).

The property is transected by moderately to steeply dipping, north westerly faults which parallel the regional Tintina and Denali faults. The Project tenement is bisected by one of these major regional structures: the regionally continuous Big Creek fault to the northeast and a less prominent splay to the southwest. A complex array of anastomosing west-northwest and north-northwest secondary structures related to dextral strike-slip motion have developed within this fault zone. It is currently understood that the Freegold Mountain area, more specifically the Big Creek Fault Zone (BCFZ) was the locus of a protracted Late Cretaceous (79-68 Ma) calc-alkaline magmatic event which is directly related to the significant metal endowment recognized on the Property (Allan et al., 2013, Bineli et al., 2010).

Several deposit models are represented within the Project tenement which include calc-alkalic porphyry gold-copper ± silver-molybdenum-tungsten and associated telescoping mesothermal-epithermal vein and breccia systems. Copper-gold-molybdenum porphyry targets within the Freegold Project, covering a 6.0 km strike extent of the BCFZ, include the Revenue Deposit and the Stoddart prospect. Associated deposit types of the porphyry model include skarn (Nucleus Deposit, Augusta showing) and low sulphidation to intermediate sulphidation epithermal systems and related polymetallic veins (Nucleus Deposit, Tinta Hill Deposit, Ridge prospect, Irene prospect, Goldy prospect, Dart prospect, Melissa prospect).

The goal of the 2016 exploration program was to define trenching and/or drill targets along strike from the Tinta Hill deposit using ground based geophysical and geochemical surveys. The field program began on August 18th and all related field work was completed by September 6th, 2016. A total of 70.0 line-km of ground magnetic and VLF-EM survey were completed covering the Tinta Hill Target Area. In addition a total of 10.0 line-km of soil geochemical survey resulted in the collection of 414 B-horizon soil samples to compliment the geophysics survey.

Total expenditures on the Freegold Mountain Project in 2016 were approximately \$70,000.00.

The 2016 geophysical surveys covering the Tinta Hill target area highlighted several magnetic and VLF-EM features which are coincident with known mineralized structures along strike from the Tinta Hill Deposit. In addition several VLF-EM conductors were identified west of the Tinta Hill Deposit which require follow up work to determine the source of the anomalies. The complimentary geochemical survey highlighted several areas west of the Tinta Hill Deposit where Ag-Au-Bi-Pb anomalies are coincident with VLF-EM conductors. Of particular interest for future exploration is the coincident Ag-

Au-Bi anomaly positioned on FGL045 (FGL045 03+00N – 04+00 N) which lies immediately south, and down slope of the interpreted intersection of two conductors, both of which have weakly-strongly anomalous geochemical values associated with them for approximately +500.0 m (FGL040 05+50N to FGL045 03+50N). The intersecting conductors appear to highlight the main Tinta Vein structural corridor (azimuth 305°) and a conjugate structure (azimuth 280°). The intersection of these structural trends are also observed as mineralized vein structures within the Tinta Hill Deposit located 1,500.0 m to the southeast. Trenching and/or drill testing of this anomaly is recommended during future exploration of the Tinta Hill target area.

A moderate-strong (2-3 x SD) Au-Pb ± Ag anomaly occurs on line FGL036 from 05+00N to 05+50N, and is approximately 125.0 m north of the nearest diamond drill hole at the western end of the Tinta Hill Deposit. The anomaly has not been trenched or drill tested, and is recommended as a high priority target for follow-up work in proximity to the Deposit.

Future exploration work on the Tinta Hill target area should include, but is not limited to:

- Systematic exploration of the area encompassing the Tinta Hill Deposit (\$300,000.00):
 - Reinterpretation and modelling of geophysical data (Magnetic, VLF-EM) with petrophysical constraints provided from physical rock properties;
 - Detailed geochemical surveys continuing west from the 2016 survey coverage using conventional auger sampling techniques;
 - Detailed ground magnetics and VLF-EM surveys continuing west from the 2016 survey coverage;
 - Bedrock sampling coincident geochemical/geophysical anomalies in areas of extensive cover using a small Rotary Air Blast (RAB) drill;
 - Diamond drilling of vein systems outside of the resource area pending favourable percussion drill results (500.0 m);
 - Continued resource definition of the Tinta Hill Deposit (500.0 m).

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INTRODUCTION

Location and Access

The Property is located within the Yukon Territory approximately 200.0 km north-northwest of the city of Whitehorse and 70.0 km northwest of the town of Carmacks (Figure 1). Carmacks is situated on the Klondike Highway, a paved all-weather highway running from Whitehorse to Dawson City. From Carmacks, the unpaved Freegold Mountain Road, along with subsidiary unpaved roads, provides access to a large portion of the Property including the Revenue camp and the Nucleus deposit. Travel on the unpaved roads is two-wheel drive except at times of spring runoff or after heavy rain. A network of four-wheel drive roads and ATV trails provides access to the main work areas on the Property.

In 2016, Northern Freegold Resources Ltd., carried out all YMEP related field work from the Tinta Hill Base Camp (Figure 2).

The Property is located in NTS map sheets 115I/3, 115I/6, and 115I/7, and is centred approximately at 62°18'N latitude and 137°12'W longitude.

The property lies within the Dawson Range in southwestern Yukon, which is characterized by rolling hills and mountain valleys. Outcrop is sparse except along ridge tops. Elevations range from 750.0 m to 1,510.0 m above sea level. Big Creek and its tributaries Seymour Creek and Bow Creek are the main perennial streams draining the property. Water in the creeks and streams is readily available most of the year.

The Property has a northern interior climate. Winters are long and have typically low precipitation, with temperatures often reaching -30° to -40°C. Summers are variably humid with common afternoon thunderstorms. The exploration season typically extends from April to October; however it is possible to work on the property year round. Permafrost is generally found at depths of greater than 1.0 m on south facing slopes and less than 0.1 m on north facing slopes. A layer of white volcanic ash expelled from Mt. Bona volcano of Alaska, located 250.0 km west of the Project, occurs throughout most of the area as an unconsolidated bed up to a few centimetres thick, locally reaching over 1.0 m.

Vegetation consists of alpine grass and moss, willow and black spruce. Valleys are densely vegetated with spruce, birch and cottonwood. Alder and willow form dense cover over flat areas. Large areas of the Property were burned in the summer of 2004.

Most higher elevation areas of the Property were not glaciated during the last ice age resulting in the preservation of a surface cap of weathered material. Oxidation extends to depths of 20.0 m to 200.0 m below the present ground surface depending on local structural and lithological controls.

The property is entirely within the traditional territories of Little Salmon/Carmacks First Nation and Selkirk First Nation. Both have settled their land claims with the Yukon Territorial Government and the Federal Government.

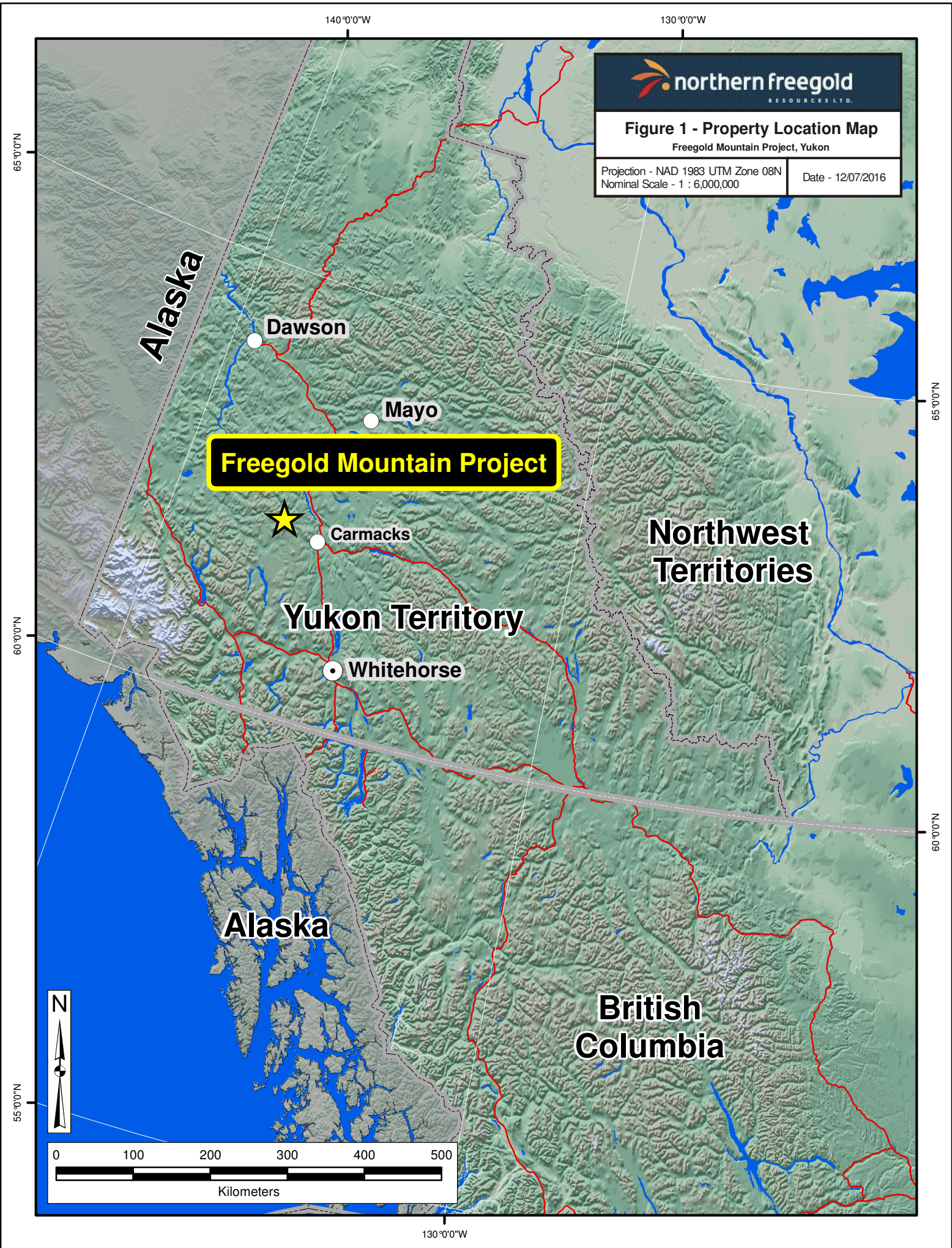


Figure 1 - Property Location Map

Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 08N
Nominal Scale - 1 : 6,000,000

Date - 12/07/2016



Alaska

Dawson

Mayo

Freegold Mountain Project

Carmacks

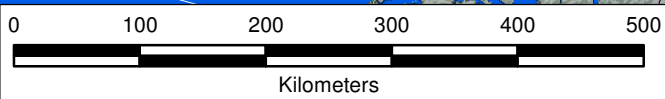
Yukon Territory

Whitehorse

Northwest Territories

Alaska

British Columbia



65°0'0"N

60°0'0"N

55°0'0"N

140°0'0"W

130°0'0"W

130°0'0"W

65°0'0"N

60°0'0"N

55°0'0"N

Tenure

The Project includes 1052 contiguous two-post Yukon Quartz claims and covers an area of approximately 200.0 km² of the Whitehorse Mining District (Figure 2). The Project is comprised of four individual exploration properties including Tinta Hill (140 Claims), Freegold (332), Goldstar (80 claims) and Golden Revenue (GR, 325 claims) as well as 175 additional claims staked by Northern Freegold in 2009. A claims listing for the entire Freegold Mountain Property can be found below in Table 1.

Table 1 – Tenure Summary for the Freegold Mountain Property

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
15494	AUGUSTA	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
15505	MARGARETE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
15519	GOLD STAR	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
15549	PEERLESS	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
15677	PROTECTION	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
60420	SHEARZONE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
60421	SHEARZONE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
60422	VINDICATOR	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
60423	VINDICATOR	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
63638	LIBERTY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
63639	EXCELSIOR	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
63640	EXCELSIOR	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
63641	EXCELSIOR	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
67180	REVENUE COPPER	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
67181	REVENUE COPPER	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
67182	REVENUE COPPER	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
67183	REVENUE COPPER	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
67184	REVENUE COPPER	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
67185	REVENUE COPPER	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
67186	REVENUE COPPER	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
67187	REVENUE COPPER	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
68060	ADDITION	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
68061	ADDITION	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
73464	PROGRESS	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
73465	PROGRESS	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
74488	ADDITION	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
74489	ADDITION	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
75321	HOMESTAKE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
75322	HOMESTAKE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
75323	ADDITION	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
90465	GREENSTONE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
90466	GREENSTONE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
90467	GREENSTONE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
90468	GREENSTONE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
91056	GREENSTONE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
Y 21008	INCA	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 21009	INCA	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 21010	INCA	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 21011	INCA	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 21014	INCA	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 21015	INCA	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 21094	GREENSTONE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
Y 21270	REVENUE NO.	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 21272	REVENUE NO.	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 24017	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 24018	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 24019	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 24020	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 24025	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 24026	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 25959	REV	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 25961	REV	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 25962	REV	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 26361	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 26362	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 26365	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 26366	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 26371	ADD	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 26372	ADD	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 26404	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 26405	REVENUE	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 79564	AU	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 79565	AU	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 79566	AU	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 79567	AU	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
Y 79568	AU	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 80439	AU	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 80440	AU	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
Y 80600	GOLDSTAR	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA51190	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51192	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51194	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51196	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51198	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51199	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51200	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51201	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51202	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51203	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51204	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51205	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51206	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51207	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51208	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51209	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51210	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51211	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51212	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51213	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51214	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51215	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51216	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51217	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA51218	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA60262	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA60263	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA60264	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA60265	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA60268	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19
YA60269	NUCLEUS	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00417	06/04/19

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YA92082	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92083	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92084	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92085	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92086	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92087	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92088	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92089	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92090	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92091	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92092	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92093	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92094	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92095	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92748	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
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YA92750	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92751	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92752	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92753	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92754	RICK	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92757	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92758	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92759	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92760	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92761	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92762	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92763	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92764	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92765	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92766	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92767	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92768	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92769	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YA92770	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YA92771	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92772	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92773	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92774	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92775	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92776	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA92777	CABAGE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YA95206	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95207	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95208	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95209	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95210	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95211	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95212	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95213	REV-COP	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95214	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95215	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95216	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95217	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95218	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95219	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95220	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95221	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95222	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95223	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA95224	BIT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA97441	SUBTRACT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA97442	SUBTRACT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YA97443	SUBTRACT	Northern Freegold Resources Ltd. - 100%	2/28/2032	LQ00417	06/04/19
YB05903	BYNORDAC	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YB05904	BYNORDAC	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YB05905	BYNORDAC	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YB05906	BYNORDAC	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YB05907	BYNORDAC	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YB05908	BYNORDAC	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YB37987	PAULINE	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YB37988	GOLDSTAR	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC09221	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09222	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09223	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09224	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09225	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09226	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09227	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09228	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09230	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09231	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09232	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09233	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09234	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09235	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09236	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09237	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09238	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09239	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09240	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	6/4/2019
YC09243	MORE	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09244	MORE	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09245	MORE	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09246	MORE	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09247	MORE	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09248	MORE	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09250	MORE	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09279	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09280	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09281	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09282	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09283	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09284	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09285	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC09336	MORE	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC09337	MORE	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00417	06/04/19
YC18660	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18661	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18662	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18663	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18664	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18665	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18666	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18667	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18716	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18717	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18718	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18719	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18724	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18725	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18726	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18727	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18728	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18729	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18730	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18731	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18732	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18733	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18734	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18735	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18736	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18737	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18738	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18739	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC18864	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18865	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18866	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18867	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18868	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC18869	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18870	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18871	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18872	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18873	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18874	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18875	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18876	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18877	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18878	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18879	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18880	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18881	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18882	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18883	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18884	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18885	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18886	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18887	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18888	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00447	07/25/21
YC18889	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18890	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC18891	HILL	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00447	07/25/21
YC19282	HAPPY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19283	HAPPY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19284	HAPPY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19285	HAPPY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19286	HAPPY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19287	HAPPY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19288	HAPPY	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00327	Expired
YC19289	HAPPY	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00327	Expired
YC19290	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19291	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19292	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19293	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC19564	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19565	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19566	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19567	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19568	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19569	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19570	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19571	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19572	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19573	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19574	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19575	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19576	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19577	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19653	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00447	07/25/21
YC19654	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2030	LQ00447	07/25/21
YC19655	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19656	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19657	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19658	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19659	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19660	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19661	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19662	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19663	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19664	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC19665	FELIZ	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC29907	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	6/4/2019
YC29908	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	6/4/2019
YC29909	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	6/4/2019
YC29910	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	6/4/2019
YC29911	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	6/4/2019
YC29912	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	6/4/2019
YC29913	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	6/4/2019
YC29914	SEY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	6/4/2019

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC30019	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30020	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30021	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30022	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30023	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30024	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30025	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30026	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30027	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30028	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30029	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30030	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30031	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30032	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30033	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30034	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30035	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30036	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30037	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00327	Expired
YC30038	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30039	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30040	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30041	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30042	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30043	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30062	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30063	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30064	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30065	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30066	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30067	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30068	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30069	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30070	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30071	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC30072	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30073	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30074	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30075	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30076	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30077	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30078	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30079	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30080	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30081	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30082	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30083	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30084	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30085	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30086	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30087	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30088	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30089	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30090	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30091	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30092	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30093	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30094	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30095	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30096	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30097	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC30123	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30124	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30125	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30126	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30127	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC30165	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30166	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30167	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30168	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC30169	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30170	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30171	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30172	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30173	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30174	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30175	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30176	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30177	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30178	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30179	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30180	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30181	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30182	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30183	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30184	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30185	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30186	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30187	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30188	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30189	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30190	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30191	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30192	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30193	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30194	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30195	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30196	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30197	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30198	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30199	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC30200	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC37001	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC37002	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC37003	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC37004	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC37005	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC37006	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC37007	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC37008	MAG	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC37009	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37010	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37011	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37012	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37013	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37014	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37015	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37016	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37017	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37018	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37019	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37020	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37021	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37022	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37023	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37024	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37025	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37026	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37027	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37028	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37029	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37030	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37031	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37032	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37033	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37034	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37035	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37036	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37037	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37038	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC37039	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37040	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37041	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37042	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37043	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37044	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37045	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37046	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37047	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37048	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2025		
YC37049	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37050	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2025		
YC37051	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37052	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2025		
YC37053	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37054	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2025		
YC37055	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC37056	NITRO	Northern Freegold Resources Ltd. - 100%	2/28/2025		
YC37127	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC37128	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC37129	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC37130	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC37131	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00447	07/25/21
YC37132	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00447	07/25/21
YC40076	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40077	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40078	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40079	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40080	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40081	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40082	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40083	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40084	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40085	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40086	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC40087	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40088	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40089	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40090	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40091	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40092	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40093	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40094	RAGE	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40095	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40096	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40097	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40098	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40099	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40100	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40101	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40102	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40103	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40104	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40105	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40106	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40107	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40108	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40109	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40110	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40111	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40112	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40113	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40114	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40917	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YC40918	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YC40919	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YC40920	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YC40921	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YC40922	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YC40923	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC40924	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00327	Expired
YC40925	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40926	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40927	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40928	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40929	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40930	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40931	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40932	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40933	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC40934	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC41307	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41308	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41309	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41310	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41311	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41312	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41313	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41314	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41315	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41316	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41317	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41318	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41319	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41320	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41321	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41322	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41323	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41324	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41325	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41326	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41327	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41328	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41329	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41330	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC41331	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41332	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41333	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41334	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41335	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41336	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41337	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41338	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41339	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2030		
YC41340	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41341	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41342	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41343	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41344	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41345	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41346	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41347	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41348	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41349	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41350	DART	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00327	Expired
YC41351	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41352	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41353	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41354	DART	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00327	Expired
YC41355	DART	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00327	Expired
YC41356	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41357	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC41358	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41359	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41360	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41361	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41362	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41363	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41364	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41365	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC41366	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41367	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41368	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41369	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41370	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41371	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41372	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41373	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41374	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41375	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41376	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41377	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41378	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41379	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41380	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41381	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41382	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41383	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41384	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41385	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41386	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41387	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41388	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41389	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41390	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41391	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC41392	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC41393	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC41394	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC41395	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC41396	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC41397	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC41398	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC41399	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC41400	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC46501	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC46502	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC46503	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC46504	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC46505	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC46506	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC46507	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC46508	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC46509	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47223	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47224	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47225	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47226	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47227	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47228	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47229	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47230	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47231	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47232	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47233	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47234	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC47235	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC47236	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC47237	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC47238	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC47239	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC47240	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47241	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47242	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC47243	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC47244	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC47245	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC47246	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC47247	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC47311	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC47312	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47313	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47314	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47315	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47316	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47317	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47318	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47319	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47320	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47321	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47322	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47323	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47324	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47325	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47326	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47327	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47328	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47329	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47330	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47331	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47332	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47333	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47334	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47335	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47336	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47337	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47338	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47339	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47340	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47341	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47342	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47343	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47344	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47345	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47346	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC47347	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47348	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47349	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47350	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47351	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47352	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47353	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47354	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47355	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47356	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47357	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47358	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47359	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47360	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47361	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47362	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47363	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47364	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47365	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47366	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47367	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47368	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47369	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47370	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47371	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47372	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47373	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47374	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47375	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47376	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47377	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47378	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47379	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47380	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47381	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC47382	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47383	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47384	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47385	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47386	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00447	07/25/21
YC47387	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47388	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47389	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47390	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47391	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47392	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47393	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47394	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47395	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47396	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47397	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47398	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47399	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47400	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47401	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47402	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47403	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47404	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47405	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47406	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47407	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47408	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47409	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47410	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47411	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47412	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47413	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47414	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47415	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47416	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC47417	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47418	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47419	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47420	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47421	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC47422	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC47423	NUC	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC47424	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47425	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47426	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC47427	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC47428	FROH	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC47429	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47430	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47431	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47432	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47433	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47434	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47435	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47436	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47437	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47438	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47439	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47440	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47441	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47442	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47443	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47444	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47445	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47446	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47447	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47448	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47449	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47450	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47451	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		

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YC47452	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47453	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47454	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47455	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47456	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47457	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47458	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47459	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC47460	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC53685	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC53686	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC53687	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC53688	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC53689	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC53690	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC53691	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC53692	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC54137	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC54138	GLEN	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC54139	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC54140	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC54141	DART	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00327	Expired
YC54142	DART	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
YC54143	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC54144	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC54145	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC54146	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC54147	AU	Northern Freegold Resources Ltd. - 100%	2/28/2028	LQ00417	06/04/19
YC54330	BIG	Northern Freegold Resources Ltd. - 100%	2/28/2028		
YC57816	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57817	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57818	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57819	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57820	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57821	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC57822	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57823	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57824	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57825	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57826	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57827	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57828	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57829	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57830	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57831	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57832	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2023	LQ00447	07/25/21
YC57833	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2023	LQ00447	07/25/21
YC57834	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57835	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57836	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57837	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57838	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57839	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
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YC57841	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2027	LQ00447	07/25/21
YC57842	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2023	LQ00447	07/25/21
YC57843	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2023	LQ00447	07/25/21
YC57844	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00447	07/25/21
YC57845	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00447	07/25/21
YC65081	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00447	07/25/21
YC65082	TINTA	Northern Freegold Resources Ltd. - 100%	2/28/2029	LQ00447	07/25/21
YC65083	DART	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC65084	DART	Northern Freegold Resources Ltd. - 100%	2/28/2026	LQ00327	Expired
YC65085	DART	Northern Freegold Resources Ltd. - 100%	2/28/2025	LQ00327	Expired
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YC65775	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21
YC65776	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21
YC65777	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21
YC65778	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21
YC65779	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YC65780	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21
YC65781	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21
YC65782	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21
YC65783	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21
YC65784	GOLDY	Northern Freegold Resources Ltd. - 100%	2/28/2024	LQ00447	07/25/21
YD17148	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC95142	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC95105	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC95106	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC95107	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17142	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD16920	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17118	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD16932	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD16935	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16956	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16953	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YD16954	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16955	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17068	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17063	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17064	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17065	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD17067	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17213	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17202	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD18382	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD18385	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD18386	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC95110	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC95111	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC95112	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		

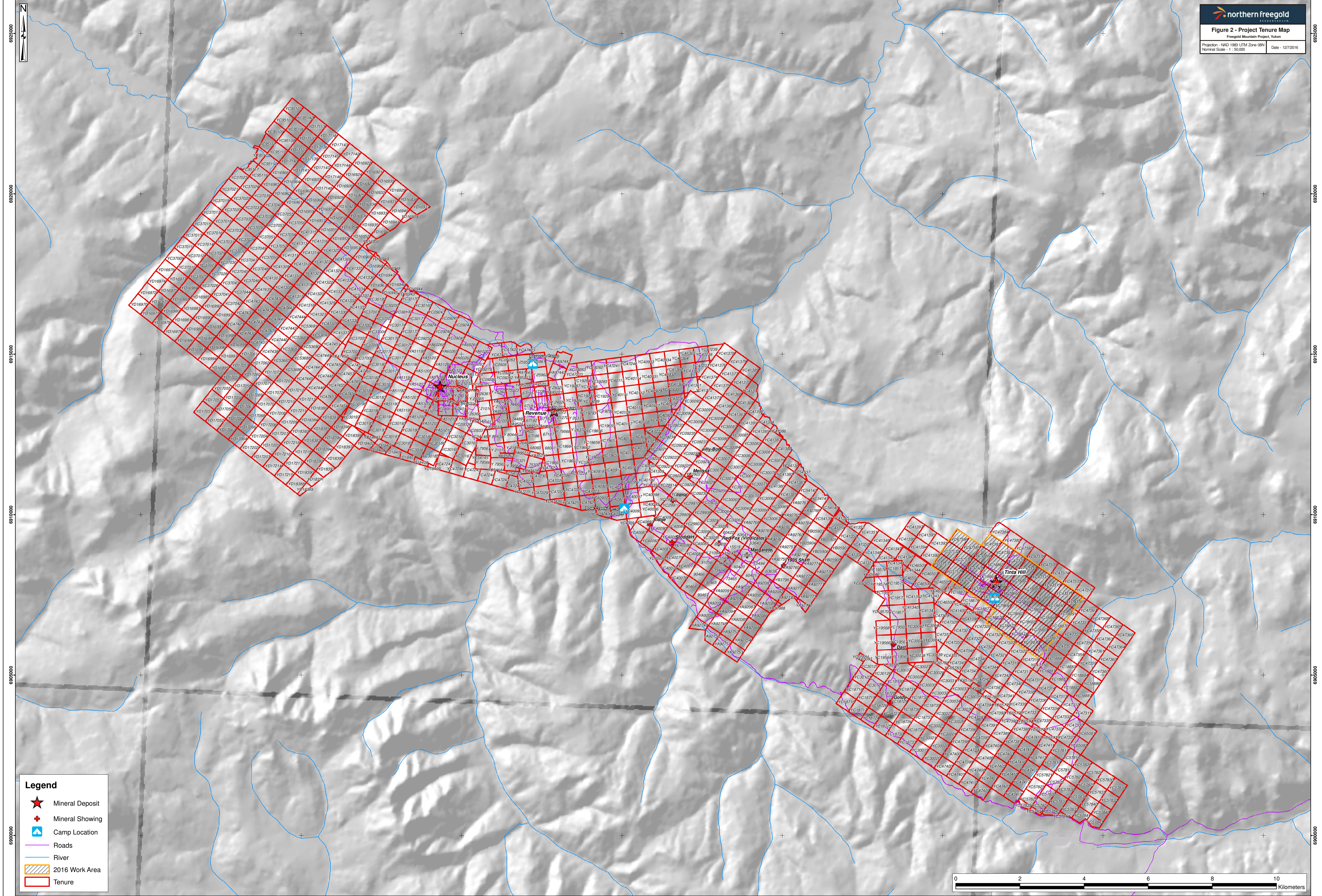
Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
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YC95117	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16921	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16922	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16923	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16924	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16925	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16926	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16927	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16928	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16937	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16938	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16939	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16940	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD16942	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD16947	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16948	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16949	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16968	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16969	FREE A	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16950	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16951	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD16960	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16961	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YD16962	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16963	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16964	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16965	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16966	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16970	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16971	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD16980	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16981	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16982	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16983	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16984	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16985	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16986	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16987	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16988	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16989	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD16991	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD16994	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16995	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16996	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16997	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16998	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD16999	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YD17051	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17052	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17053	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17054	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17055	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17056	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17057	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17058	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17059	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17060	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17061	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17062	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17069	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17070	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD17071	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD18398	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD18399	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
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YD18401	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD18402	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD18403	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD18406	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		

Grant Number	Claim Name	Claim Owner	Claim Expiry Date	Permit	Permit Expiry Date
YD18407	FREE	Northern Freegold Resources Ltd. - 100%	02/28/23		
YD18408	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YD18409	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC95108	FREE	Northern Freegold Resources Ltd. - 100%	2/28/2023		
YC95109	FREE	Northern Freegold Resources Ltd. - 100%	02/28/23		

370000 375000 380000 385000 390000 395000 400000 405000



Legend

- ★ Mineral Deposit
- ✚ Mineral Showing
- C Camp Location
- Roads
- River
- ▨ 2016 Work Area
- ▭ Tenure

0 2 4 6 8 10
 Kilometers

370000 375000 380000 385000 390000 395000 400000 405000

HISTORY AND PREVIOUS WORK

In 1930 prospector P.F. Guder discovered lode gold on the west side of Freegold Mountain. During the autumn and winter of 1930-1931 prospectors rushed to the region, staking over 100 claims. Placer and surface exploration for gold continued intermittently until the 1950s when the focus of exploration in the Dawson Range shifted to porphyry copper occurrences. Since the 1960s the Property has been owned and explored by various individuals and companies resulting in a patchwork of claims. An extensive soil geochemistry survey in the late 1960s led to the discovery of the Nucleus Deposit (“Nucleus”). In 2006 the claims were consolidated for the first time under Northern Freegold Resources Ltd, who continues to conduct extensive exploration of the property.

The work history of the Freegold Mountain property has been compiled by Pautler (2006) and Fonseca and Giroux (2009) and was revised and edited by Dodd, Dyck and Miller (2009) and again by Armitage et al., (2012). A detailed history of exploration work on the Property (with references) is provided below:

Table 2 – History of Exploration on the Freegold Mountain Property

Year	History of exploration on the Freegold Mountain Property
1968	Yukon Revenue Mines Ltd. staked a portion of the property as part of the larger property of Revenue. Until re-staking in 1980, Nucleus was explored as a zone of the Revenue property, and as part of the now defunct Car and Com claims (Baird, 1968; Granger, 1970).
1970	In 1970 these claims were optioned along with the Revenue portion by Kaiser Resources Ltd. Work included a soil sampling grid, a widely spaced grid of bulldozer trails and trenches, four diamond drill holes (639.0 m total) and five percussion holes (416.0 m total) (Johnson 1970).
1980	The property was partially re-staked, after lapsing, by Nat Joint Venture. Work consisted of reconnaissance mapping and soil sampling. This season represented the first time the property was explored separate from the Revenue main zone (Onasick and Archer 1981).
1981	In 1981 Nat Joint Venture staked more Nucleus claims followed by geological mapping, line-cutting, soil sampling and a magnetometer survey. Two of the 1970 drill holes were resampled and relogged (Onasick and Archer 1981).
1982	Nat Joint Venture continued geological mapping, soil sampling and reconnaissance chip sampling, collecting 907 soil, 46 bulk rock and 24 grab samples. At the end of this soil sampling there were four anomalous zones slated for further exploration. (Eaton and Nelson 1982).
1983	In 1983 NAT Joint Venture dug 3 bulldozer trenches to bedrock on the most accessible of the 1982 gold soil anomalies. These trenches were mapped and sampled (Eaton 1983).
1984	In 1984, NAT Joint Venture carried out a minor soil sampling program, an electromagnetic survey, 3,581.0 linear m of bulldozer trenching and three diamond drill holes (315.0 m total) (Eaton 1984).
1985	A first pass column heap leach study and a cyanide bottle test was completed by Coastech Research Inc. at the request of Archer Cathro and Associates (Wilson, B, 1985).
1986-1991	Big Creek Resources Ltd. and Rexford carried out multi-element soil geochemical, magnetic and EM surveys, extensive mechanized trenching and drilled 35 RC holes (1,283.0 m total) and 11 diamond drill holes (1,330.0 m total) (Eaton 1986; Main 1988; Becker and Eaton 1991).
1986	NORDAC Mining Corp. carried out trenching, a grid soil geochemical survey and re-examined all pre-1985 drill holes (Eaton 1986).
1996	YKR (originally Yukon Revenue) carried out ground magnetometry and VLF-EM surveys (Davis, 1996).
1999	ATAC purchased the claims from YKR and conducted a detailed magnetic survey that defined magnetic anomalies. The EM survey, located over mineralized zones exposed in the trenches, was less successful (Becker 2000).

Year	History of exploration on the Freegold Mountain Property
2000	ATAC lumped the Nucleus and Revenue properties under the title of Golden Revenue. They performed soil sampling, prospecting and mapping on both properties (Becker 2001).
2001	ATAC drilled six diamond drill holes (1,202.0 m total), dug eight (1,092.0 m) trenches, and carried out 16.9 linear km of IP and 0.9 km of horizontal loop electromagnetic (HLEM) surveys. All six holes were within a 200.0 m by 200.0 m area in the core of Nucleus Zone (Becker 2001).
2004	ATAC drilled 14 diamond drill holes totalling 1,858.0 m expanding the drilled zone significantly to encompass an area roughly 1,050.0 m long and 350.0 m wide (Dumala 2004).
2006	In 2006 Northern Freegold Resources Ltd. signed an option agreement with ATAC Resources Ltd. on the Golden Revenue property. 26 diamond drill holes were drilled (4,798.0 m total), a petrographic alteration survey of selected drilled holes was performed and limited silt and BLEG sampling was completed (Robertson et al., 2007). Geotech Ltd., was contracted to conduct a helicopter-borne domain electromagnetic geophysical survey over the Freegold project area.
2007	Northern Freegold Resources Ltd. conducted exploratory work in the Nucleus zone including: 28 diamond drill holes (6,312.0 m total) with sections of oriented core, 32 RAB holes (1,659.0 m) infrared spectroscopic analyses of selected drill holes, a petrographic alteration survey, limited prospecting and mapping, reprocessing of selected data from the 2001 IP survey and 2006 airborne surveys, a 36.0 km line IP and geophysical rock characterization test work and an orthophoto (air photo) was taken over the entire project.
2008	Northern Freegold Resources Ltd. conducted exploratory work including: 53 diamond drill holes (13,287.0 m total) and 28 RAB drill holes (1,755.0 m total), infrared spectroscopic analyses of selected drill holes, limited prospecting and mapping (Tikhomirova, 2008), reprocessing of the 2006 magnetic and EM airborne surveys, production of a 3D chargeability survey, ground magnetic survey, and two radiometrics test lines. Following the 2008 field season an initial inferred NI43-101 resource of 1.1 million ounces in the Nucleus zone was calculated (Fonseca and Giroux, 2009).
2009	Northern Freegold Resources Ltd. drilled 43 diamond drill holes (10,431.0 m total), 21 RAB holes (1,246.0 m total), executed a property wide stream sediment sampling program (Lewis, 2009), conducted outcrop mapping (Miller, 2010) and did petrography on selected samples (Colombo, 2010). IP, ground magnetic and gamma-ray spectrometry surveys were conducted (Constantini, 2009) and a reinterpretation of property-wide 2006 helicopter borne VTEM and magnetics survey (Geotech, 2006) was completed (Constantini, 2009). Preliminary metallurgical testing for gold recovery was completed on coarse rejects from the 2009 Nucleus drilling program.
2010	Northern Freegold Resources Ltd. Field activities in 2010 included ground geophysics, soil and rock sampling, and reverse circulation (RC) and diamond drilling (James et al., 2011). Ground geophysics included a 65.0 line-km Titan-24 Induced Polarization Survey over the Nucleus & Revenue Deposits, conducted by Quantec Geoscience of Toronto, Ontario. In total, NFR drilled eleven diamond drill holes (3,106.0 m) and six RC holes (862.0 m) in the Nucleus deposit and 5 diamond drill holes (1,531.0 m) and 40 RC holes (5,634.0 m) in the Revenue deposit. Updated resource estimate (Campbell, et al., 2010).
2011	Northern Freegold Resources Ltd. Twenty seven diamond drill holes totalling 12,375.0 m were completed in the Revenue deposit. No fieldwork was conducted in the Nucleus deposit. An updated resource estimate was produced for the Nucleus Zone (Campbell & Armitage, 2011).
2012	Northern Freegold Resources Ltd. A resource estimate was produced for the Revenue deposit (Armitage et al., 2012). Five drill holes (2,453.0 m) were completed at the Nucleus Deposit. Preliminary metallurgical testing for gold recovery was completed on coarse rejects from Revenue and Nucleus drilling programs.
2013	Northern Freegold Resources Ltd., completed 28.6 line km of geochemical soil sampling totalling 1,176 samples, 200.0 m ³ of trenching in 26 trenches, 15 C-horizon soil samples, 207 rock chip samples, 26 rock grab samples, 3 petrographic samples, 2 whole rock grab samples, 5 stream sediment samples, geostatistical analysis and geological mapping and compilation (McCuaig & Higgs, 2014).
2014	Northern Freegold Resources Ltd., completed 12 trenches at the Irene prospect resulting in the collection of 45 rock chip samples, 5 rock grab samples, 31.0 line-km of ground magnetics and 29.0 line-km of VLF-EM surveys (McCuaig, 2015).

GEOLOGY

Regional Geology

(After Armitage et al., 2012)

The Freegold Mountain Project is nested within the Dawson Range Cu-Au-Mo district, of the Tintina Gold Province, which spans from western Alaska to the Yukon-Northwest Territory border and hosts significant intrusion-related gold systems (Thompson et al. 1999; Lang and Baker 2001; Maloof et al. 2001; Hart, 2007; Bineli et al. 2010). The northwest trending Dawson Range Cu-Au-Mo district, more specifically the Freegold Mountain area hosts numerous mineral occurrences related to Middle through Late Cretaceous magmatic activity including the Revenue Deposit (Cu-Au ± Mo-W porphyry) and the Nucleus Deposit (skarn and epithermal precious metal mineralization) (Bineli et al. 2010).

The Dawson Range is a northwest-trending geographical region underlain predominantly by Early Jurassic to Late Cretaceous plutons, which extends over 250.0 km from Carmacks to the Alaska border. The region is located on the boundary of Stikine and Yukon-Tanana terranes (Figure 3). The Yukon-Tanana Terrane is a composite terrane of metamorphic assemblages and batholiths thought to represent an island arc and associated miogeoclinal sediments that were deposited on the North American continental margin and accreted during Late Triassic to Early Jurassic times. Regional metamorphic grade varies from greenschist to lower amphibolite facies (Payne et al., 1987).

Yukon-Tanana Terrane is comprised of Early Mississippian meta-plutonic rocks of the Simpson River Suite and Mississippian and older undifferentiated metasedimentary and metavolcanic rocks. Previous names for Yukon-Tanana rocks include Nasina Schist, Pelly Gneiss, Yukon Crystalline and Cataclastic Terrane, Selwyn Gneiss and Yukon Group.

Stikine rocks are represented by the Early Jurassic Granite Mountain Batholith, comprised of lineated rocks of quartz diorite and granodiorite to quartz monzonite composition that intrude the Yukon-Tanana Terrane. Younger unfoliated Cretaceous granitoids from the Middle Cretaceous Dawson Range Batholith intrude the above units along major northwest trending structures.

The youngest rocks in the region are volcanic and associated shallow intrusions of the Mt. Nansen, Prospector Mountain or Carmacks Group suites, all of Middle to Late Cretaceous age and are visually difficult to distinguish from each other. The Mt. Nansen rocks are likely co-magmatic with the Dawson Range Batholith and are dated at 105-100 Ma. Late Cretaceous plutons in the Dawson Range are thought to have been derived through subduction processes and melt generation within the mantle, whereas Middle Cretaceous intrusions were generated through partial melting of the Yukon Tanana Terrane basement complex (Selby et al., 1999).

The younger Late Cretaceous event (79-68 Ma) was a regional scale hydrothermal event that formed precious and base metal deposits in all older lithologies (Allan et al., 2013). A capping of volcanic flows covered much of the area, trapping heat underneath and producing large scale hydrothermal fluid flow. Mineral deposits and large areas of alteration were produced. The Late Cretaceous magmatic event is represented by both the Carmacks Group volcanics and the Prospector Mountain Suite volcanics.

The main structural features in the region are moderately to steeply dipping north westerly shear and fault zones with a right lateral sense, parallel to the regional Tintina and Denali faults. The major structural feature in the Project area area is the northwest trending Big Creek Fault Zone (BCFZ) and is currently understood to be the locus of numerous porphyry Cu-Au-Mo mineral occurrences, and both stratigraphically and structurally hosted gold deposits, as well as associated placer gold across the Freegold Mountain area (Allan et al., 2013).

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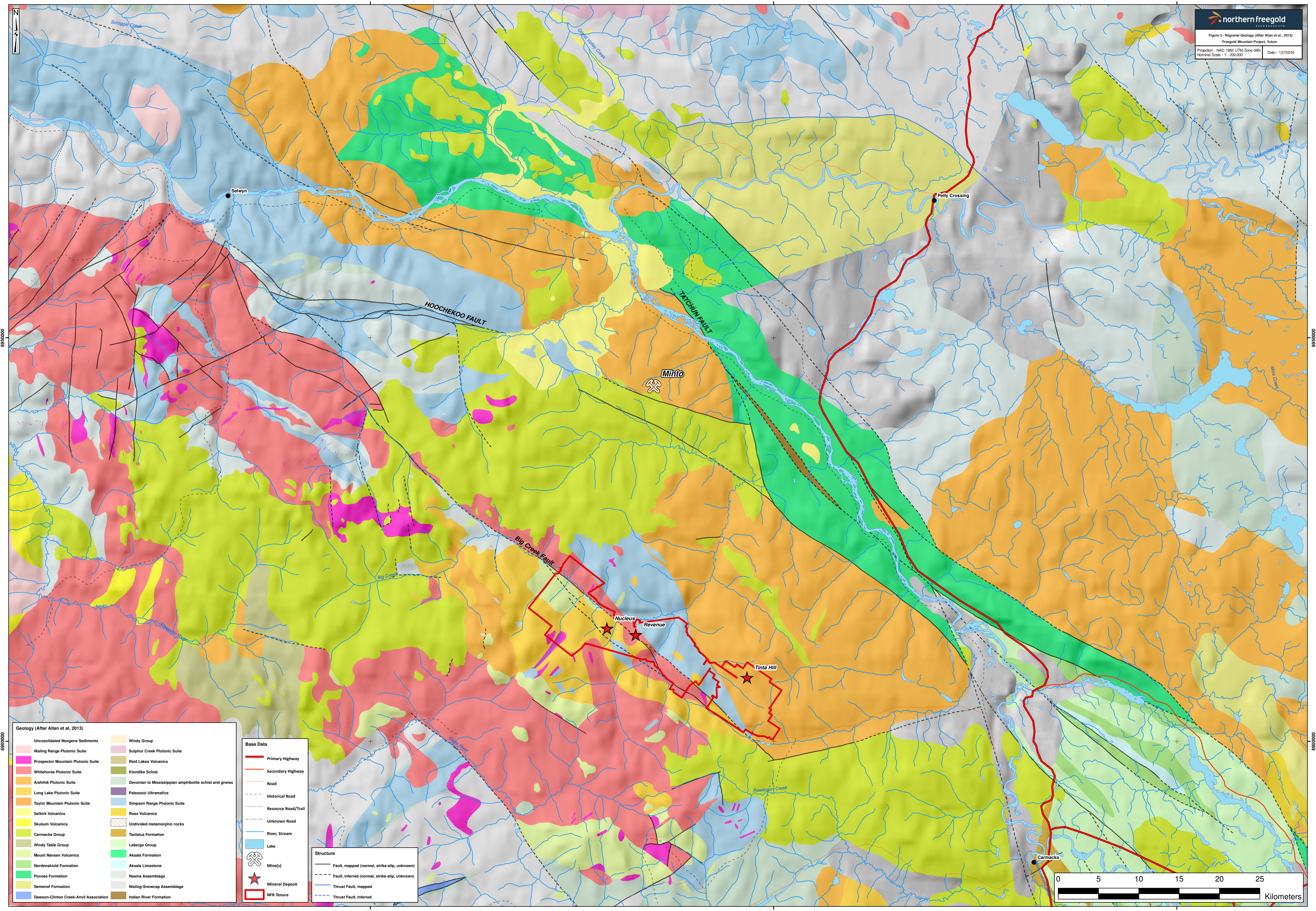
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northern freegold

Figure 3 - Regional Geology (After Allan et al., 2013)
 Freegold Mountain Project, Yukon

Projection - NAD 1983 UTM Zone 06N
 Normal Scale - 1 : 200,000
 Date - 12/2/2016



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Geology (After Allan et al., 2013)

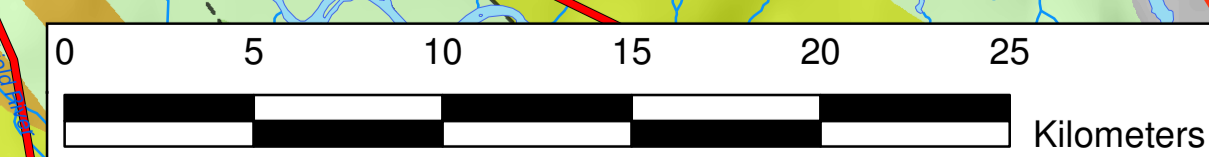
Unconsolidated Neogene Sediments	Windy Group
Nisling Range Plutonic Suite	Sulphur Creek Plutonic Suite
Prospector Mountain Plutonic Suite	Reid Lakes Volcanics
Whitehorse Plutonic Suite	Klondike Schist
Aishihik Plutonic Suite	Devonian to Mississippian amphibolite schist and gneiss
Long Lake Plutonic Suite	Paleozoic Ultramafics
Taylor Mountain Plutonic Suite	Simpson Range Plutonic Suite
Sekirk Volcanics	Ross Volcanics
Skukum Volcanics	Undivided metamorphic rocks
Carmacks Group	Tantalus Formation
Windy Table Group	Laberge Group
Mount Nansen Volcanics	Aksala Formation
Nordenskiold Formation	Aksala Limestone
Povung Formation	Nasina Assemblage
Semenof Formation	Nisling-Snowcap Assemblage
Dawson-Clinton Creek-Anvil Association	Indian River Formation

Base Data

Primary Highway
Secondary Highway
Road
Historical Road
Resource Road/Trail
Unknown Road
River, Stream
Lake
Mine(s)
Mineral Deposit
NFR Tenure

Structure

Fault, mapped (normal, strike-slip, unknown)
Fault, inferred (normal, strike-slip, unknown)
Thrust Fault, mapped
Thrust Fault, inferred



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Property Geology

(after Armitage et al., 2012, McCuaig & Higgs 2013 and McCuaig 2014)

The Property bedrock geology has been compiled from over 70 years of data collected through drilling, field mapping, geophysics and geochemistry. All materials from which the geology map was compiled have been referenced at the end of the report and are identified with an asterisk.

The Property lies within a belt of Paleozoic or older metasedimentary and lesser metavolcanic rocks belonging to the Yukon-Tanana Terrane (Figure 4). The basement metamorphic suite represents a diverse grouping of lithologies including banded quartz-feldspar-mica schists and gneiss, chlorite schist, amphibolite, grey marble, skarn, mylonite and quartzites. All rock types exhibit a penetrative foliation oriented northwest and dipping steeply to the northeast.

The basement metamorphic rocks of the Yukon-Tanana Terrane are extensively intruded by igneous rocks of least three different ages (Bineli et al., 2010). These include:

- (I) Early Jurassic Aishihik and Long Lakes suites (Johnston 1995), comprising the Big Creek Syenite (Tempelman-Kluit, 1984) (orthoclase-hornblende porphyritic syenite, plagioclase-hornblende monzonite, and hornblendite), and the Granite Mountain Batholith (Tempelman-Kluit, 1984), composed of foliated coarse-grained hornblende-biotite granodiorite and leucogranodiorite;
- (II) Middle Cretaceous Whitehorse Plutonic Suite (Gordey and Makepeace, 2000), including the Dawson Range Batholith (Tempelman-Kluit, 1984) (hornblende-biotite-quartz diorite, hornblende-biotite diorite, and biotite-hornblende granodiorite), the Casino granodiorite (Gordey and Makepeace, 2000), and the Coffee Creek Granite (Carlson, 1987) (ranging in composition from granite to quartz monzonite);
- (III) Late Cretaceous Carmacks Group; Late Cretaceous Prospector Mountain Suite (Johnston, 1995), comprising the Casino Plutonic Suite (Johnston, 1995) (leucocratic granite, quartz monzonite, and alaskite with associated aplite phases), the Bow Creek Granite (Carlson, 1987) (biotite granite and related quartz feldspar porphyry dykes), and the Seymour Creek Stock (McCausland et al., 2001) (bioite-hornblende granodiorite to quartz monzonite).

Late Cretaceous igneous rocks are observed as conspicuous light grey-buff-beige to greenish weathering quartz-feldspar porphyry dykes which range in composition from trachyte-dacite-rhyolite and lesser andesite. Aphanitic feldspar is commonly observed as a white-buff-beige groundmass which can host quartz and feldspar phenocrysts up to several mm in diameter. At the Revenue Deposit, the intrusive breccia body and aplite dykes have been dated at 78-75 Ma and are interpreted to represent the Carmacks Group (Allan et al., 2013). Geochemical studies conducted by Bineli et al., 2010 indicate that Late Cretaceous dykes and plutons on the Freegold Mountain property are K-rich (up to 7.75 wt % K₂O) and plot within the high-K calc-alkaline series (SiO₂ vs. K₂O). It is currently understood that the Freegold Mountain area, more specifically the Big Creek fault system was the locus of a protracted Late Cretaceous (79-68 Ma) calc-alkaline magmatic event which is directly related to the significant metal endowment recognized on the property (Allan et al., 2013, Bineli et al., 2010).

Alteration

(after Armitage et al., 2013)

Alteration assemblages recognized on the Property include:

- 1) sericitic (pseudomorphic white mica after feldspars and chlorite-pyrite after mafic grains);
- 2) phyllic (texture-destructive muscovite replacing feldspars and mafics);
- 3) intermediate argillic (kaolinite and lesser smectite and interlayer clays replacing feldspars);
- 4) potassic (orthoclase overgrowths over strongly white mica-clay altered plagioclase, and adularia-muscovite along veinlet envelopes);
- 5) propylitic (epidote, zoisite, clinozoisite, chlorite, carbonate, albite).

Contact metamorphic alteration zones are common along microgranite plug contacts, and produces greisenization of schists. The wall rock and breccia associated with porphyry style mineralization are locally affected by early phase potassic alteration (secondary biotite) and quartz-sericite alteration.

Mineralization

Mineralization on the property is directly associated with Middle Cretaceous and Late Cretaceous magmatic rocks and related hydrothermal systems. The younger Late Cretaceous event (79-68 Ma) is genetically associated with the formation of the Nucleus and Revenue deposits, the Stoddart prospect and presumably many of the numerous mineral occurrences observed across the property (Allan et al., 2013, Bineli, 2011).

Several deposit models are represented within the Project tenement which include calc-alkalic porphyry gold-copper ± silver-molybdenum-tungsten and associated telescoping mesothermal-epithermal vein and breccia systems. Copper-gold-molybdenum porphyry targets within the Freegold Project, covering at present a 6.0 km strike extent of the Big Creek Fault Zone, include the Revenue Deposit and the Stoddart prospect. Associated deposit types of the porphyry model include skarn (Nucleus Deposit and the Augusta showings) and low sulphidation to intermediate sulphidation epithermal systems and related polymetallic veins (Nucleus Deposit, Tinta Hill Deposit, Goldy prospect and the Irene Prospect).

The following text aims to provide a general overview of the major styles of mineralization observed but by no means is an exhaustive overview of the numerous documented mineral occurrences across the property.

The Revenue Deposit and Stoddart prospect are characterized by mineralization which occurs as porphyry style veins, stockworks and disseminated sulphides hosted in granodiorite and porphyry breccia systems (ie: Revenue tuffsite). Economic minerals include gold, copper (predominantly chalcopyrite) and silver with lesser molybdenum and tungsten (scheelite). More specifically, Revenue mineralization is observed as clots of pyrite, chalcopyrite and molybdenite within the matrix of the Revenue breccia. Chalcopyrite-pyrite ± quartz veinlets also cut the matrix and clasts of the Revenue breccia. Later quartz-pyrite ± marcasite-pyrrhotite-chalcopyrite-arsenopyrite-gold veins and breccia cavity replacement and/or fill occur. The granodiorite unit adjacent to the Revenue breccia contains within it early magnetite ± pyrite-chalcopyrite veinlets which are cross cut by quartz-molybdenite-chalcopyrite-pyrite ± pyrrhotite-scheelite-powellite-calcite veins (Wrighton, 2013).

The Nucleus Deposit is a telescoping porphyry-epithermal system where different hydrothermal events, both mineralizing and not, are overprinting one another (Bineli et al., 2010). Mineralization is present as veinlets, disseminations, and zones of semi-massive skarn-style sulphide, and is characterized by quartz-pyrite-chalcopyrite-carbonate ± marcasite-pyrrhotite-arsenopyrite-galena-Bi-Te-(S)-gold mineral assemblages (Wrighton, 2013). Petrographic work indicates that massive sulphide-veining was the earliest of the mineralizing events, followed by the pyrrhotite-rich, semi-massive to massive sulphide horizons, with the latest mineralization being associated with the quartz veining and breccias (Colombo, 2009).

The Goldstar (Margarete, Discovery, Augusta) is a grouping of historic showings where mineralization typically occurs as native gold within semi-massive magnetite-epidote-diopside-garnet-calcite skarn horizons within Yukon-Tanana Terrane metasediments (Roberts, 1974).

The Tinta Hill Deposit is characterized by epithermal polymetallic shear zone hosted mineralization typically occurring as sulphide-rich veins containing sphalerite, galena, pyrite, silver and sulphosalt (tetrahedrite-tennantite) minerals, chalcopyrite, arsenopyrite and stibnite, in a carbonate and quartz ± specular hematite, hematite, barite and fluorite gangue. Silver minerals often occur as inclusions in galena and native gold and electrum occurs in some vein intersections. Gold grades are generally low given the amount of sulphides present. Some veins contain more chalcopyrite and gold at depth (Lefebure and Höy, 1996).

The Goldy prospect is characterized by epithermal vein and breccia hosted mineralization. Dark grey siliceous veins and/or breccias which display multiple episodes of brecciation and veining textures generally return the highest gold grades. Mineralization is characterized by blue-grey chalcedony-arsenopyrite ± pyrite within vein and breccia systems and is observed as fine grained pyrite-arsenopyrite ± gold replacing mafic minerals within igneous rocks (Miller, 2008).

The Irene showing is characterized by mesothermal-epithermal mineralization typically occurring as sulphide rich veinlets, veins and breccias containing gold, argentiferous tetrahedrite, chalcopyrite, pyrite, arsenopyrite, stibnite and rare sphalerite, in a carbonate (dolomite ± calcite) – quartz gangue. Sulphide replacement (pyrite-arsenopyrite) of mafic minerals within the host biotite hornblende granodiorite is common, and observed within vein-breccia alteration zones.

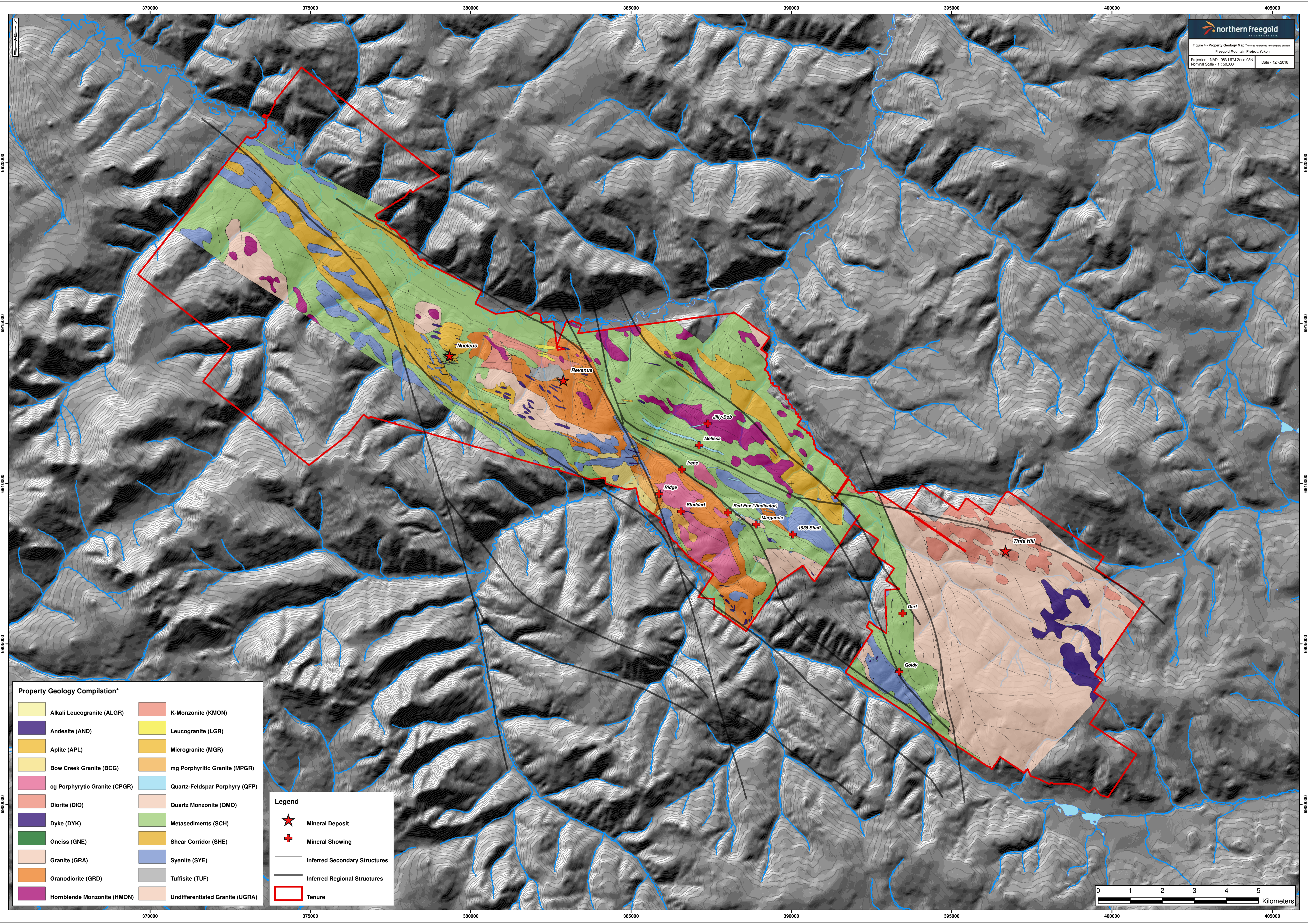
Structural Geology

The Project tenement is bound by two major structures: The regionally continuous, prominent northwest-trending topographic and aeromagnetic Big Creek North and the lesser Big Creek South Fault Zones parallel the regional Tintina and Denali Faults (Bineli et al., 2011). Between these fault zones a complex array of anastomosing, bifurcating west-northwest and north to northwest secondary structures related to dextral strike-slip motion have developed.

Allan et al., (2013) suggest that the protracted Late Cretaceous magmatic event responsible for the significant deposition of

both precious and base metals in the Freegold Mountain area was related to localized extension along the Big Creek Fault Zone within a transtensional pull-apart basin type setting. Furthermore a series of parallel west-northwest trending, moderately northeast dipping structures played an integral role in focusing the emplacement of subaerial volcanic rocks and related porphyry and epithermal mineralization (Allan et al., 2013). These structural features are manifested as well developed foliation, faults, and fractures which trend west-northwest to northwest and dip steeply to the north and northeast. Mineralization at the Nucleus, Revenue, and Tinta Deposits as well as the Margarete and Irene occurrences are primarily controlled by these two sets of secondary structures. For example the mineralized vein structure at the Irene showing trends approximately 315° and the main shear zone hosting the Tinta Hill Deposit trends approximately 305° . The past producing G3 Vein located on the adjacent La Forma property is an exception to this trend and represents a different structural domain hosting mineralization. The La Forma epithermal gold deposit is hosted within the G3 shear zone trending $205^\circ/80^\circ$ (Right Hand Rule), and has been traced over a strike length of 425.0 m (Adamson, 1982).

Structures oriented northeast appear to be the latest event in the Freegold Mountain region, and in some cases are post mineralization. All mineralized zones are cross-cut by late brittle fault zones trending west northwest, northwest, and northeast. The structural features described above are easily observed in the composite orthophoto of the property, and control all major drainage's and lineaments on the property.

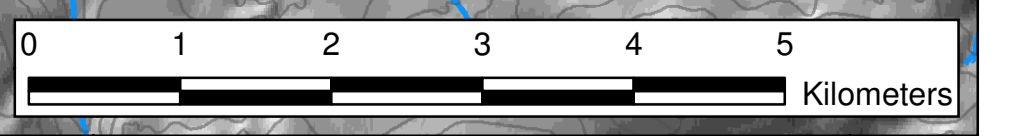


Property Geology Compilation*

Alkali Leucogranite (ALGR)	K-Monzonite (KMON)
Andesite (AND)	Leucogranite (LGR)
Aplite (APL)	Microgranite (MGR)
Bow Creek Granite (BCG)	mg Porphyritic Granite (MPGR)
cg Porphyritic Granite (CPGR)	Quartz-Feldspar Porphyry (QFP)
Diorite (DIO)	Quartz Monzonite (QMO)
Dyke (DYK)	Metasediments (SCH)
Gneiss (GNE)	Shear Corridor (SHE)
Granite (GRA)	Syenite (SYE)
Granodiorite (GRD)	Tuffisite (TUF)
Hornblende Monzonite (HMON)	Undifferentiated Granite (UGRA)

Legend

- ★ Mineral Deposit
- ⊕ Mineral Showing
- Inferred Secondary Structures
- Inferred Regional Structures
- ▭ Tenure



2016 EXPLORATION PROGRAM

The 2016 exploration program was in part funded by the Yukon Mineral Exploration Program (YMEP) and consisted of 38 person days with a crew of two people. Field activities were based out of the Tinta Hill camp (Figure 2 – Nad83 Zone 8N E 396630, N 6907400), and occurred during the months of August and September under the supervision of M. McCuaig, P. Geo., TerraLogic Exploration Inc.

A summary of field work dates and related activities is provided below:

August 18th – September 6th, 2016: ground geophysics survey (Magnetic/VLF-EM) and soil geochemical survey.

The goal of the 2016 exploration program was to define trenching and/or drill targets along strike from the Tinta Hill deposit. The work program consisted of the following exploration activities:

- Soil geochemical survey;
- Ground magnetic and VLF-EM surveys.

Project Specifics:

- 10.0 line-km of soil surveys;
- 70.0 line-km of ground magnetics and VLF-EM surveys.

Total expenditures on the Freegold Mountain Project in 2016 were approximately \$70,000.00. Refer to Appendix I for a detailed breakdown of project expenditures and the final project submission form. Refer to Appendix II for Statements of Qualifications for TerraLogic Exploration Inc., personnel involved with the collection, management and reporting of data from the 2016 Freegold Mountain Project (YMEP Project Number 16-045).

2016 EXPLORATION RESULTS

Soil Sampling Program

A total of 414 b-horizon soil samples were collected from 14 sample lines totalling 10.0 line-km of survey coverage during the 2016 program. Soil samples were collected by the following employees of TerraLogic Exploration Inc: Junior Geologist Aidan Ditchburn-Trout and Senior Geotechnician Grayson Clague.

Refer to Figure 5a – 2016 Soil Sample Location Map for a detailed overview of the soil geochemical program completed at the Tinta Hill Deposit.

Sampling Methodology

Samplers conducted soil sampling traverses along specific, predetermined lines. Soil lines were navigated using an internal GPS unit installed on the data collection device. Samples were collected at 25.0 m station intervals using Dutch Augers. Wherever possible the soil samples were collected from the B-Horizon of the soil profile (a favourable horizon for detecting mobile metal ions), or below the top layer of volcanic ash if B-horizon soil could not be sampled at a given station. Soil sample depth varied across the survey from 5.0-125.0 cm. Attribute data was collected for each soil sample and included: sample size, quality, depth, slope of sample site, soil horizon, colour, presence of permafrost and other notes. Sample size is rated from 1-5 with one being much too small sample size and 5 being the perfect sample size, filling roughly $\frac{3}{4}$ of the sample bag. Quality of the sample rated from 1-5 with 1 being very poor quality and 5 being excellent quality. Factors that include: sample size, soil development and quality (the lack of organics), and depth of sample all contribute to the overall sample quality. Upon completion of the field work all of the sample metadata was integrated into the Freegold Mountain digital geochemical database.

All samples were brought back to the field base camp where soil samples were arranged in order and laid to dry. Samples with damaged bags or unclear labels were re-bagged and placed back into order. At the end of the program a shipment was prepared. This task requires personnel to go through each sample to ensure that all samples are in order and accounted for. If samples are found to be missing during this process they are marked with an empty bag labeled with the sample number and “LS” for lost sample. The personnel record each sample number included in the shipment. Once recorded, the samples are placed in rice bags labeled with the shipment number and shipping/receiving addresses. Each shipping bag is kept under a total weight of 25.0 kg. The shipping manifest compiled by the field crew was compared to the database and any discrepancies investigated. When the shipping manifest was determined to be in agreement with the database’s records, the bags were closed using a locking zip tie as a security seal. The sample bags were delivered directly to the ALS Minerals

Preparation Laboratory at 78 Mt. Sima Road, Whitehorse, Yukon Territory, V1A 0A8. Sample preparation was completed in Whitehorse and then the samples were shipped to ALS Minerals Laboratory 2103 Dollarton Highway, North Vancouver, British Columbia, V7H 0A7. Once in the ALS Minerals laboratory the samples were analyzed using the following methods: Au-ST43 (super trace Au determination via 25.0 g AR digestion and ICP-MS analysis) and ME-MS41 (51 element analysis via 0.5 g digestion and ICP-MS analysis). For a complete description of sample preparation and analytic methods refer to Appendix III. Refer to Appendix IV for a detailed description of soil sample locations and sample attribute data.

Analytic Results

The 2016 soil sampling program was successful in defining several prospective multi-element (Ag-Au-Bi-Pb) soil geochemical anomalies along strike of the Tinta Hill Vein system. Anomalous values for elements of interest were determined using descriptive statistics calculations in Microsoft Excel.

Of particular interest for future exploration is the coincident Ag-Au-Bi anomaly positioned on FGL045 (FGL045 03+00N – 04+00 N) which lies immediately south, and down slope of the interpreted intersection of two conductors, both of which have weakly-strongly anomalous geochemical values ($1-3 \times$ Standard Deviations (SD)) associated with them for approximately +500.0 m (FGL040 05+50N to FGL045 03+50N). An observation of interest is the distribution of the Au anomaly along the conductor axis and the interpreted northern contact separating phases of K-monzonite and quartz monzonite from FGL040 05+50N & FGL045 03+50N. RAB drilling is recommended along regular spaced intervals along the axis of the conductor/geochemical anomaly to determine if mineralized vein systems of economic significance can be delineated. The intersecting conductors FGL044 04+00N appear to highlight the main Tinta Vein structural corridor (azimuth 305°) and a conjugate structure (azimuth 280°) (Refer to Figures 5b-e & 6l). The intersection of these structural trends are also observed as mineralized vein structures within the Tinta Hill Deposit located 1,500.0 m to the southeast. Trenching and/or drill testing of this anomaly is recommended during future exploration of the Tinta Hill target area.

An area of moderately-strongly elevated Pb-Ag \pm Au in soil ($>2-3 \times$ SD) was highlighted along lines FGL045 (05+25N), FGL046 (05+50N) and FGL047 (05+50 N and 05+75 N). Although this anomaly does not coincide with a conductor axis, it is still recommended that prospecting follow up on the anomaly as it may represent another mineralized splay of fault system and is open-ended to the northwest.

A weak to moderate ($1-2 \times$ SD), and open-ended Au \pm Ag-Pb anomaly occurs on lines FGL042 07+50N, FGL043 07+50N and FGL044 07+25-07+50N. Soil coverage should be extended here and prospecting should occur where ground conditions permit.

A moderate-strong ($2-3 \times$ SD) Au-Pb \pm Ag anomaly occurs on line FGL036 from 05+00N to 05+50N, and is approximately 125.0 m north of the nearest diamond drill hole at the western end of the Tinta Hill Deposit. The anomaly has not been trenched or drill tested, and is recommended as a high priority target for follow-up work in proximity to the Deposit.

Three moderate-strong ($2-3 \times$ SD) Au \pm Pb anomalies coincide with a conductor axis which is situated west of the Tinta Hill Deposit (sample stations FGL036 02+50N, FGL040 01+25N and FGL043 01+25N). The anomalies are not continuous, but their coincidence with a conductor which emanates from the Deposit suggests that it is a valid exploration target which has yet to be tested by trenching and or drilling.

The geochemical anomalies defined by the 2016 program coincide with conductive features, and zones of magnetic destruction within the host monzonite highlighted by the 2016 geophysics survey. Both Au and Bi values are typically constrained to discreet zones within 50.0 m of conductor axes whilst the Ag-Pb values tend to disperse up to 150.0 – 200.0 m from conductor axes. This observation may help to refine the location of future trenches and/or exploratory boreholes.

Refer to Figures 5b – 5e Soil Sample Results Map which display geochemical results for Au, Ag, Bi and Pb respectively, and their spatial relationship to VLF-EM conductors. Refer to Appendix V for analytic Certificates Of Assay (COA) for all of the 2016 soil samples.

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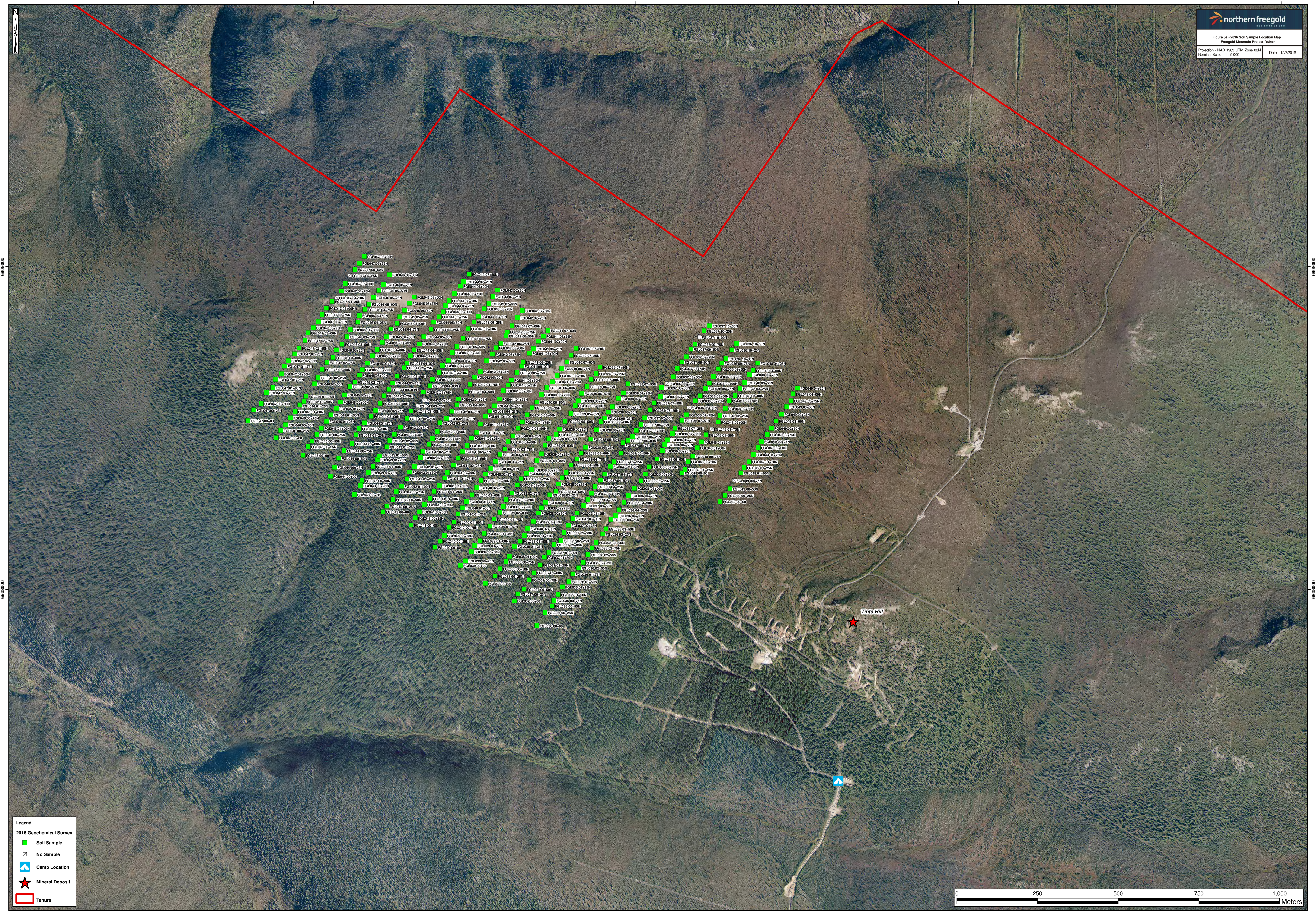
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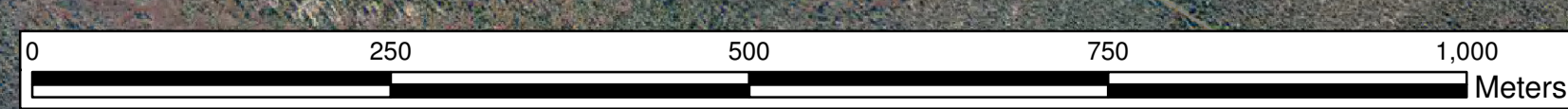
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Legend

2016 Geochemical Survey

- Soil Sample
- No Sample
- ▲ Camp Location
- ★ Mineral Deposit
- Tenure



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Legend

2016 Geochemical Survey

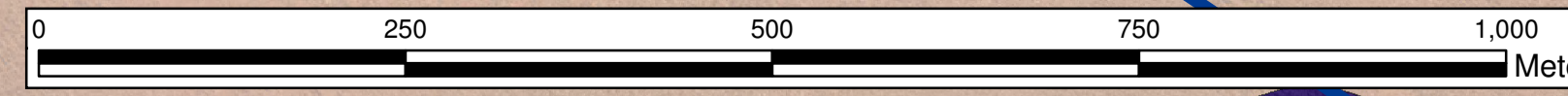
Au ppb

- 0.05 - 1.70 (< median)
- 1.70 - 5.80 (median - 1 x SD)
- 5.80 - 9.90 (1 - 2 x SD)
- 9.90 - 14.00 (2 - 3 x SD)
- 14.00 - 68.60 (> 3 x SD)

- VLF-EM Conductor (2016)
- Camp Location
- Mineral Deposit
- Tenure

Property Geology Compilation*

Alkali Leucogranite (ALGR)	X-Monzonite (XMON)
Andesite (AND)	Leucogranite (LGR)
Aplite (APL)	Microgranite (MGR)
Bow Creek Granite (BCG)	mg Porphyritic Granite (MPGR)
cg Porphyritic Granite (CPRG)	Quartz-Feldspar Porphyry (QFP)
Diorite (DIO)	Quartz Monzonite (QMO)
Dyke (DYK)	Metasediments (SCH)
Gneiss (GNE)	Shear Corridor (SHE)
Granite (GRA)	Syenite (SYE)
Granodiorite (GRD)	Tuffite (TUF)
Hornblende Monzonite (HMON)	Undifferentiated Granite (UGRA)

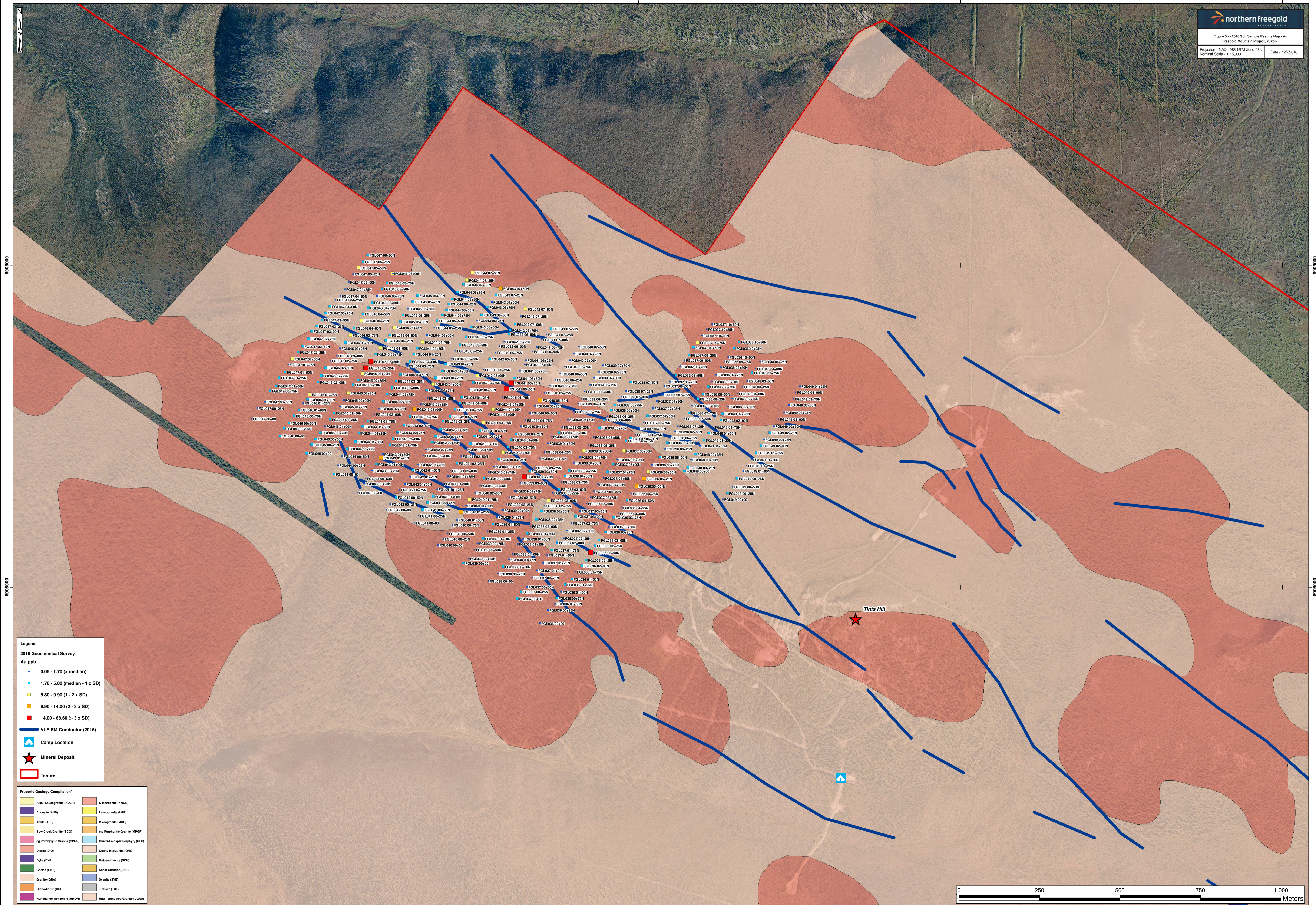


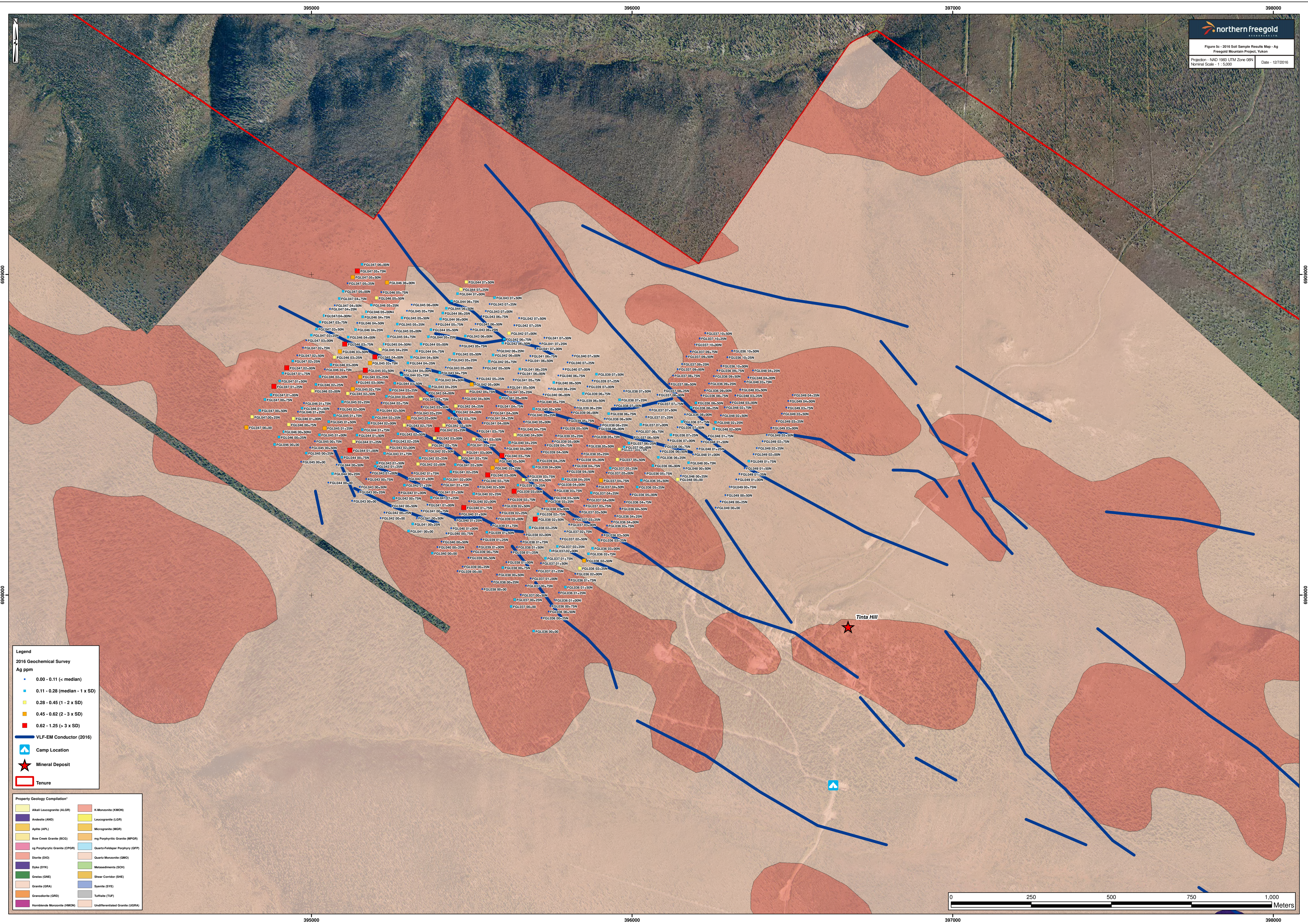
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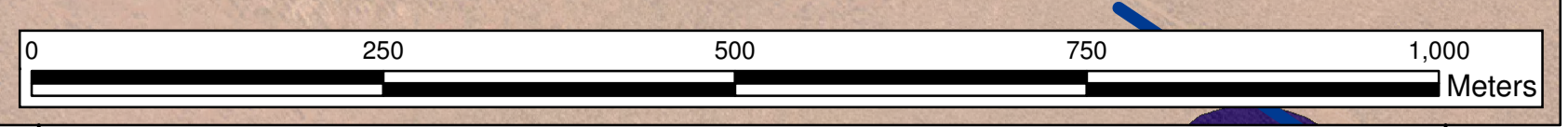
Legend
 2016 Geochemical Survey
 Ag ppm

- 0.00 - 0.11 (< median)
- 0.11 - 0.28 (median - 1 x SD)
- 0.28 - 0.45 (1 - 2 x SD)
- 0.45 - 0.62 (2 - 3 x SD)
- 0.62 - 1.25 (> 3 x SD)

VLF-EM Conductor (2016)
 Camp Location
 Mineral Deposit
 Tenure

Property Geology Compilation*

Alkali Leucogranite (ALGR)	X-Monzonite (XMON)
Andesite (AND)	Leucogranite (LGR)
Aplite (APL)	Microgranite (MGR)
Bow Creek Granite (BCG)	mg Porphyritic Granite (MPGR)
cg Porphyritic Granite (CPRG)	Quartz-Feldspar Porphyry (QFP)
Diorite (DIO)	Quartz Monzonite (QMO)
Dyke (DYK)	Metasediments (SCH)
Gneiss (GNE)	Shear Corridor (SHE)
Granite (GRA)	Syenite (SYE)
Granodiorite (GRD)	Tuffite (TUF)
Hornblende Monzonite (HMON)	Undifferentiated Granite (UGRA)



395000

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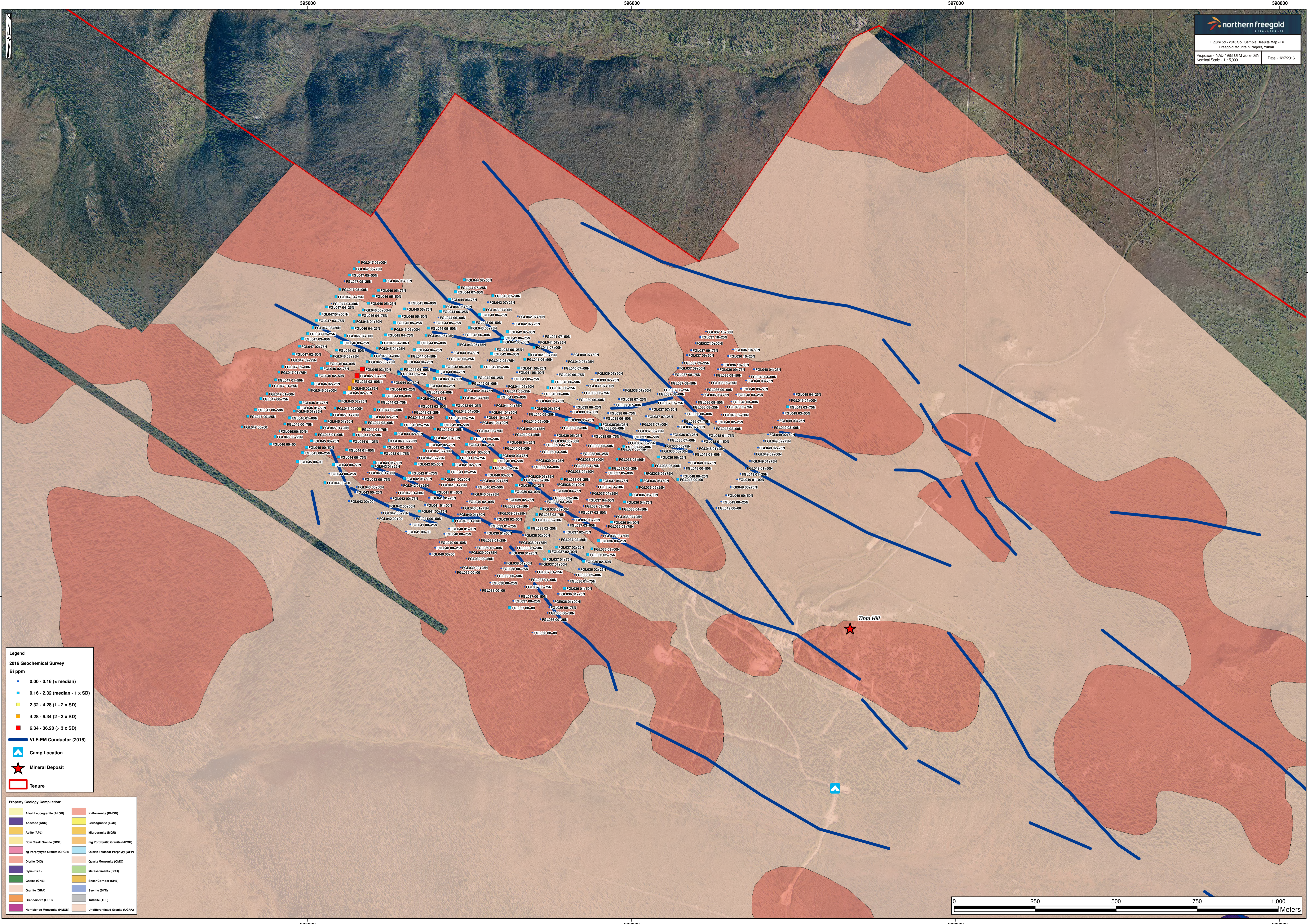
398000

6895000

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6895000



Legend

2016 Geochemical Survey

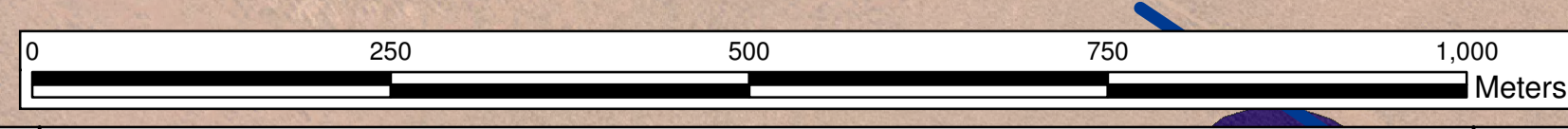
BI ppm

- 0.00 - 0.16 (< median)
- 0.16 - 2.32 (median - 1 x SD)
- 2.32 - 4.28 (1 - 2 x SD)
- 4.28 - 6.34 (2 - 3 x SD)
- 6.34 - 36.20 (> 3 x SD)

- VLF-EM Conductor (2016)
- Camp Location
- Mineral Deposit
- Tenure

Property Geology Compilation*

Alkali Leucogranite (ALGR)	X-Monzonite (XMON)
Andesite (AND)	Leucogranite (LGR)
Aplite (APL)	Microgranite (MGR)
Bow Creek Granite (BCG)	mg Porphyritic Granite (MPGR)
cg Porphyritic Granite (CPRG)	Quartz-Feldspar Porphyry (QFP)
Diorite (DIO)	Quartz Monzonite (QMO)
Dyke (DYK)	Metasediments (SCH)
Gneiss (GNE)	Shear Corridor (SHE)
Granite (GRA)	Syenite (SYE)
Granodiorite (GRD)	Tuffite (TUF)
Hornblende Monzonite (HMON)	Undifferentiated Granite (UGRA)



395000

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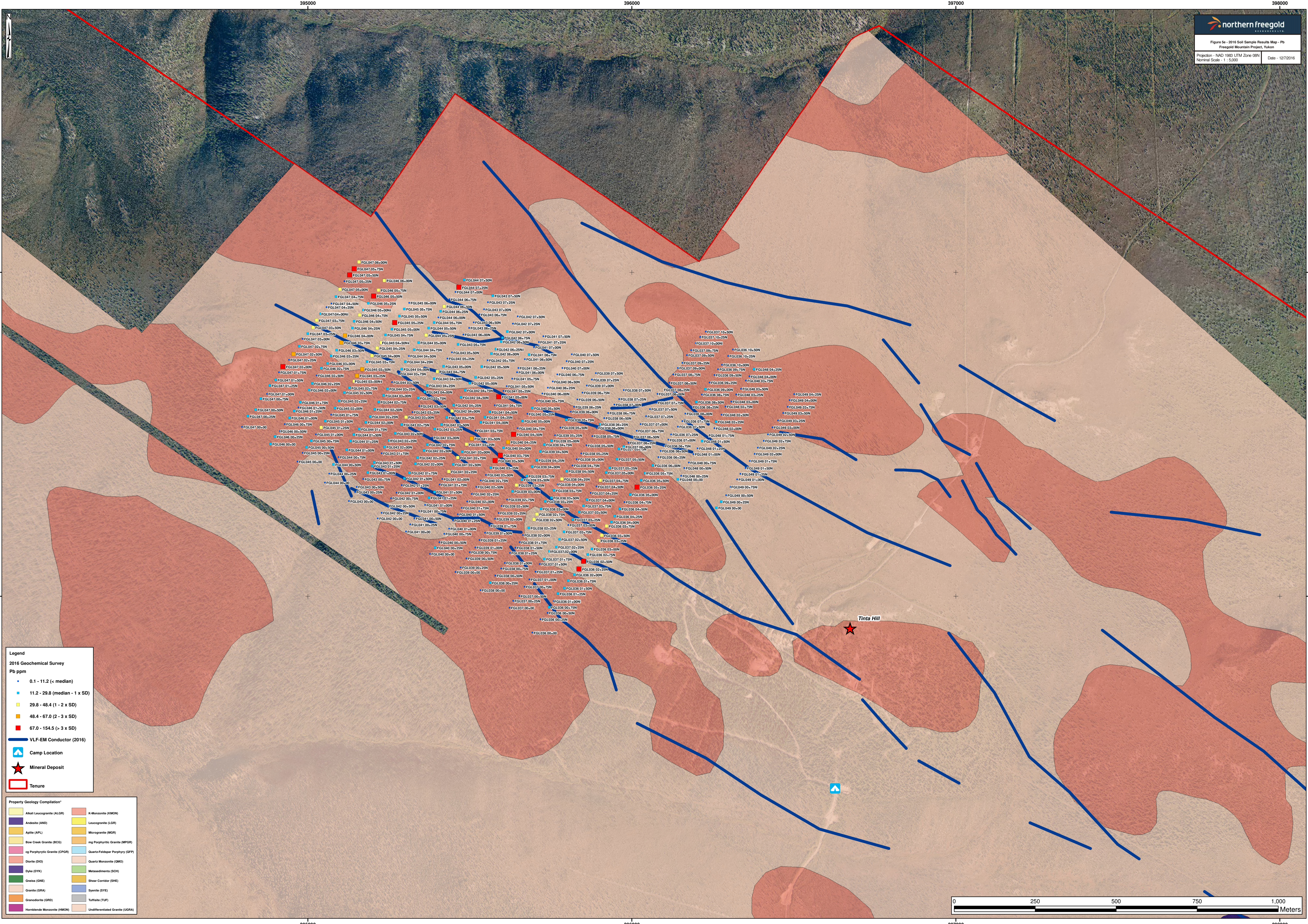
398000

6895000

6895000

6895000

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Legend

2016 Geochemical Survey

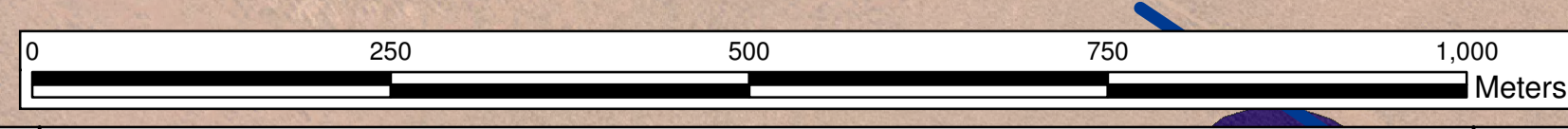
Pb ppm

- 0.1 - 11.2 (< median)
- 11.2 - 29.8 (median - 1 x SD)
- 29.8 - 48.4 (1 - 2 x SD)
- 48.4 - 67.0 (2 - 3 x SD)
- 67.0 - 154.5 (> 3 x SD)

- VLF-EM Conductor (2016)
- ▲ Camp Location
- ★ Mineral Deposit
- Tenure

Property Geology Compilation*

 Alkali Leucogranite (ALGR)	 K-Monzonite (KMON)
 Andesite (AND)	 Leucogranite (LGR)
 Aplite (APL)	 Microgranite (MGR)
 Bow Creek Granite (BCG)	 mg Porphyritic Granite (MPGR)
 cg Porphyritic Granite (CPGR)	 Quartz-Feldspar Porphyry (QFP)
 Diorite (DIO)	 Quartz Monzonite (QMO)
 Dyke (DYK)	 Metasediments (SCH)
 Gneiss (GNE)	 Shear Corridor (SHE)
 Granite (GRA)	 Syenite (SYE)
 Granodiorite (GRD)	 Tuffite (TUF)
 Hornblende Monzonite (HMON)	 Undifferentiated Granite (UGRA)



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Geophysics Program

The 2016 geophysics program consisted of 70.0 line-km of ground magnetics and VLF-EM surveys. All fieldwork was carried out by TerraLogic Exploration Inc., employees. Field crew members Aidan Ditchburn-Trout and Grayson Clague completed all of the geophysics work on the 2016 Freegold Mountain Project.

Geophysics Program Summary

A two person crew collected data from three VLF stations (Frequency 24.0 kHz – Cutler, Frequency 24.8 kHz – Jim Creek, Frequency 25.2 kHz – La Moure) as well as the Total Magnetic Field (TMF) at each survey location. Readings were initially taken every 12.5 m along 23 lines spaced 200.0 m apart and oriented southwest to northeast. Additional readings were completed at 12.5 m spacing along 29 lines spaced 50.0 m apart as infill in areas of interest (Refer to Figure 6a). In total, approximately 5,600 survey locations were acquired, covering approximately 70.0 line-km. Raw survey data can be found in Appendix VI.

The crew was equipped with the following instruments and equipment to complete the Mag/VLF Survey:

2 – GEM Systems GSM-19 magnetometers + VLF + GPS serial numbers 8042728 & 1124844

1 – GEM Systems GSM-19 base station magnetometer serial number 4031363

All coordinates were reported in the WGS 84 datum, UTM Zone 8N projection.

There are 23 lines on the main grid, named as L1 to the northwest, through L45 to the southeast (odd line numbers only). These lines were spaced 200.0 m apart and ran roughly perpendicular to the main Tinta Hill vein system at an azimuth of ~37°. The main survey lines varied in length from 1.4 km to 2.3 km. There are 29 lines of detailed survey conducted over areas deemed to be high-priority targets upon completion of the main grid. Target areas for infill survey lines were selected based upon the intersection of west-northwest and northwest trending conductors. The detailed survey lines were spaced at 50.0 m intervals between the 200.0 m spaced main grid lines, and were also oriented at an azimuth of 37°. The infill lines varied in length from approximately 0.5 – 1.0 km.

The TMF and VLF surveys were conducted according to the following specifications:

Station spacing: 12.5 m.

Line spacing: 200.0 m first pass, 50.0 m infill in high priority areas.

Geomagnetic variation: The base station magnetometer was installed in a magnetically quiet area away from the camp (UTM Zone 08N E 396677, N 6907419 +/-5 m) and cycled at 3s during the survey.

VLF-EM station: NAA (Cutler, Maine) – 24.0 Khz

VLF-EM station: NLK (Jim Creek, Washington) – 24.8 Khz

VLF-EM station: NML (La Moure, North Dakota) – 25.2 Khz (was powered down for repair on August 22nd, 2016)

VLF Components: In-phase, quadrature and total field strength.

The TMF and VLF data were downloaded at the end of each survey day and the raw, unedited data was archived on the field computer. The data was then sent via electronic mail transfer to SJ Geophysics for correction and post-processing.

The following summary of post-field processing was provided by E. Trent Pezzot, SJ Geophysics.

SJ Geophysics was provided the raw ASCII formatted text files downloaded from the geophysical instruments daily. Each days data typically included one file containing the base station magnetometer and two files for each of the roving MAG/VLF-EM receivers. One of these files contained the raw data and the other diurnally corrected magnetic data. Diurnal corrections were calculated and applied in the SJ Geophysics office.

The raw data files were imported into the Libre Office Calc spreadsheet program and diurnal corrections were calculated and applied. The corrected data from each receiver was copied into a database and merged with previous work. Simple graphs available in the spreadsheet program were used to analyze and examine the raw data. A quality control (QC) flag was assigned to each reading. These flags identify good, duplicate and bad or questionable data points. Several automated procedures were used to assign QC flags whilst other QC flags were assigned manually. The following coding system describes the magnetic data quality designation: 0 - Good Reading, 1 – Duplicate Reading, 2 – Poor Duplicate (< 10nT), 3 – Daily Calibration Reading, 5 – Repeated Tie Point and 9 – Bad Reading.

The Libre Office Calc spreadsheet was converted to a Microsoft EXCEL format. The final project database includes 5 separate worksheets which can be found in Appendix VI:

- Merged_MAG – includes all data;
- Merged_MAG_duplicates_removed – reduced version of first worksheet with only “good” data included;
- MergedVLF-Freq24 – Cutler VLF-EM data;
- MergedVLF-Freq24.8 – Jim Creek VLF-EM data;
- MergedVLF-Freq25.2 – La Moure VLF-EM data.

The appropriate worksheets were used as input to create databases in Geosoft Oasis Montaj for final processing. Only those data points flagged as “good” were selected for subsequent gridding and profiling.

The following map products were generated and are presented below as Figures 6b - 6k.

1. Total Field Magnetic (TFM) Intensity:
 - a) TFM False Colour Contour Map (histogram equalization);
 - b) TFM False Colour Contour Map (linear distribution);
 - c) TFM False Colour Contour Map – shadow enhanced;
 - d) TFM Stacked Profile Map.
2. VLF-EM
 - a) Stacked Profile Map (Inphase, Quadrature, Field Intensity) – Cutler;
 - b) Fraser Filtered Inphase component – Cutler – stacked profile, colour contour;
 - c) Stacked Profile Map (Inphase, Quadrature, Field Intensity) – Jim Creek;
 - d) Fraser Filtered Inphase component – Jim Creek – stacked profile, colour contour;
 - e) Stacked Profile Map (Inphase, Quadrature, Field Intensity) – La Moure;
 - f) Fraser Filtered Inphase component – La Moure – stacked profile, colour contour.

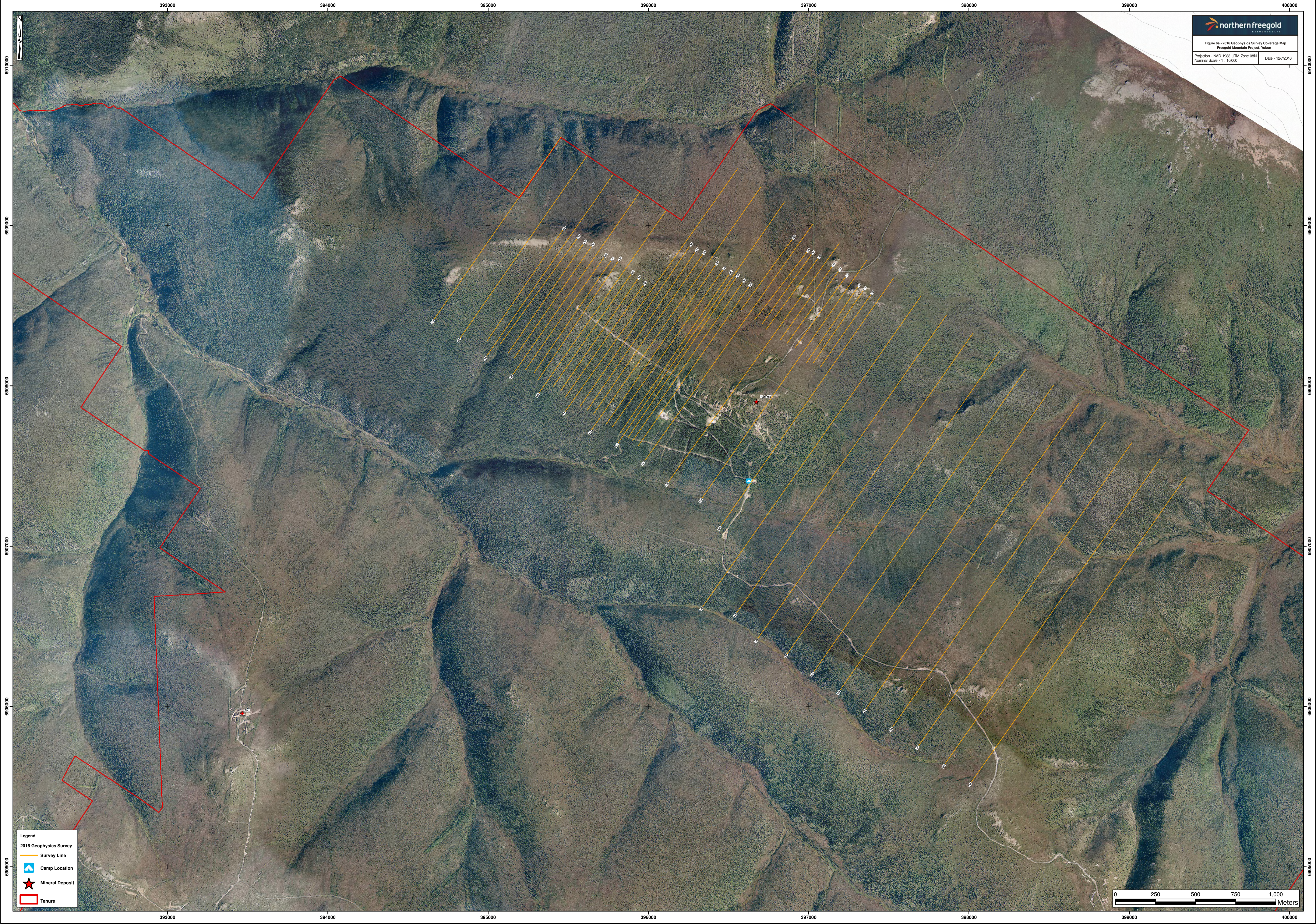
These maps were generated by SJ Geophysics in two formats: pdf and raster images (png).

The raster image portions of the maps (magnetic contours and VLF-EM Fraser filtered inphase colour contours) are provided as geotiff registered images.

Five shape files were provided by Northern Freegold Resources Ltd., to SJ Geophysics which included: topographic contours, claim outlines (x2), rivers and roads. These shape files were used by SJ Geophysics to compile the base layers for the maps mentioned above.

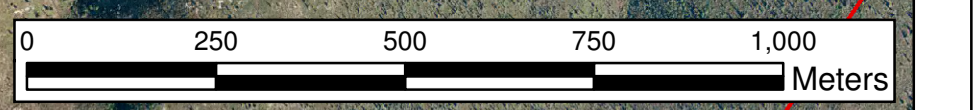
Corrections were made to the magnetic data on survey lines 9, 11 and 15 to resolve differences in magnetic intensity readings on survey unit 8042728 on August 22nd and 23rd, 2016. Corrections were made by calculating the average magnetic intensities on these lines and comparing them to those for the adjacent in-fill lines. The following shifts were calculated and applied to the data set to reduce line-to-line variation:

- Line 7: TFM data reduced by 91 nT;
- Line 11: TFM data reduced by 89 nT;
- Line 15: TFM data reduced by 98 nT.



Legend

- 2016 Geophysics Survey
- Survey Line
- Camp Location
- Mineral Deposit
- Tenure



Geophysics Program Results

The Total Magnetic Field (TMF) survey (Refer to Figures 6b-e & 6l) was successful in defining several features of interest. Overall the magnetic gradient appears to increase from the southeast to the northwest. The increase in TMF is attributed to a change in primary lithology from andesite (southeast) to quartz-monzonite to K-feldspar-monzonite (northwest).

Figure 6d highlights a prominent northwest-trending linear magnetic feature from Line 5 to Line 17 which directly overlies the inferred strike extension of the Tinta Hill vein structural corridor. Although the linear feature is not a prominent magnetic low, it is interpreted to represent a zone of magnetite destruction associated with hydrothermal alteration (this alteration feature has been documented within the Tinta Hill Deposit by A. Fonseca, 2009). There is an approximate 400 nT decrease in TMF correlating with this feature (Refer to Figure 6b, 6l). Several other discrete, shadow enhanced northwest-trending linear features from Line 3 to Line 17, southwest of the main Tinta Hill vein trend correlate directly with conductor axes interpreted from the VLF-EM survey. Furthermore these linear features are coincident with weakly-strongly anomalous soil geochemical values for the following elements (Ag-Au-Bi and Pb).

The VLF-EM survey (Refer to Figures 6f-6l) was successful in delineating discrete to prominent conductors which are interpreted to occur in three distinct orientations: azimuth 305°, azimuth 280° and azimuth 320°. The conductors appear to decrease in intensity with a corresponding decrease in elevation (personal communication, E.T. Pezzot, 2016). Infill coverage was directed toward areas where west-northwest and northwest conductors intersect one another: a structural setting known to control the distribution of mineralization at the Tinta Hill Deposit. The coincident soil geochemical anomalies and VLF-EM conductors from Line 3 – 17 are interpreted to represent high-priority exploration targets to further define mineralized vein systems peripheral to the Tinta Hill Deposit (Refer to Figures 5b-e & 6l). The interpreted conductor axes were derived using the Jim Creek, Wa., (NKL) – 24.8 kHz data, which was determined to be the cleanest data set out of the three frequencies collected during the 2016 field program, and thus the most reliable for making geophysical interpretations.

The following summary of magnetic interpretations provided by E. Trent Pezzot, SJ Geophysics.

There are three strong magnetic responses in the 2016 data that remain enigmatic: the extremely high (+1,700 nT) anomaly on the northeastern portion of Line 31, the extremely low (-4,000 nT) anomaly on the southwestern portion of Line 43, and the large, low amplitude (- 150 nT) covering the southwestern 1/3 of Line 33. All three of these magnetic responses are considered suspicious in that they are not observed on the adjacent survey lines, 200.0 m away.

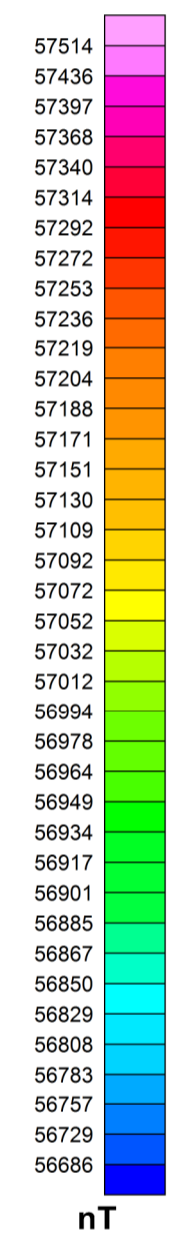
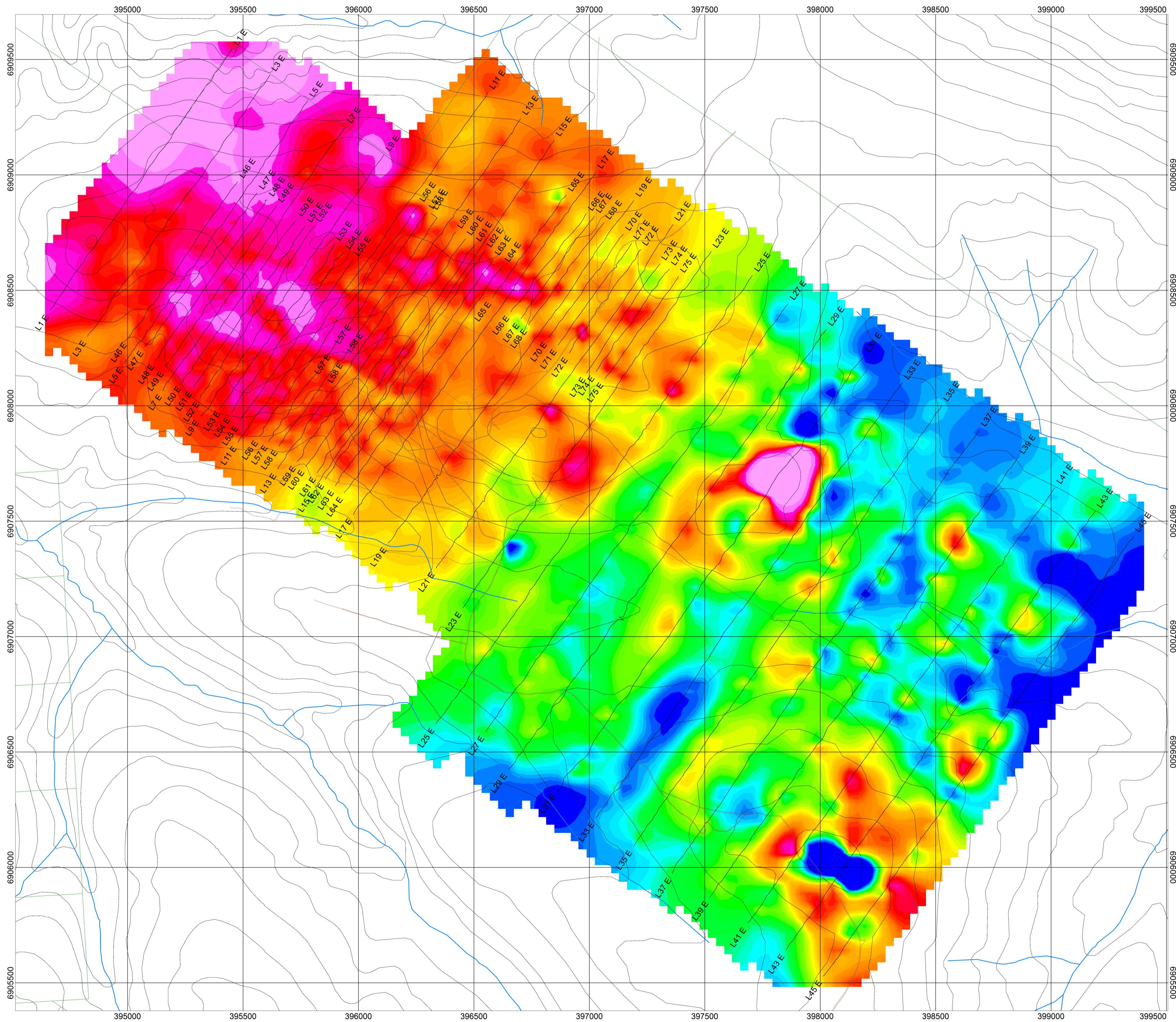
The magnetic high on Line 31 is about 300.0 m wide and associated with a small level shift on either adjacent line. The edge response of the high also suggests a surface source however if it is geological, then one would expect there to be some associated response on the adjacent lines. A cultural source for the magnetic anomaly is plausible.

The magnetic low on Line 43 is approximately 100.0 m wide, and is most likely not geological. The extreme gradients on the edges suggest that if the source was real, then the source would be at the ground surface. The magnetic low anomaly is located near a road, and historic trenches so it may be related to some shallow buried metal waste related to either road building or trenching activities.

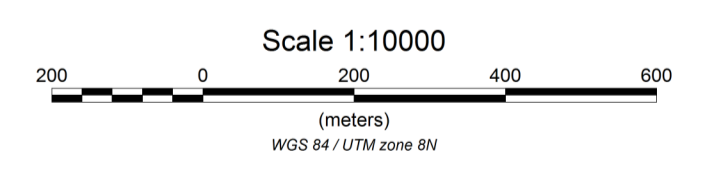
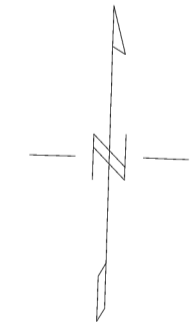
These two anomalies require further ground inspection to determine the causative source of the anomalies.

The large, low amplitude anomaly on the southwestern portion of Line 33 is more typical of a geological response, but it remains suspicious due to the fact that it is not observed on either of the adjacent lines.

All three of these magnetic anomalies require infill surveying to properly delineate the response to a geological, or cultural source.



Map Legend
 Black Lines - topo contours
 Blue Lines - rivers, streams
 Brown Lines - roads
 Green Lines - claim boundary



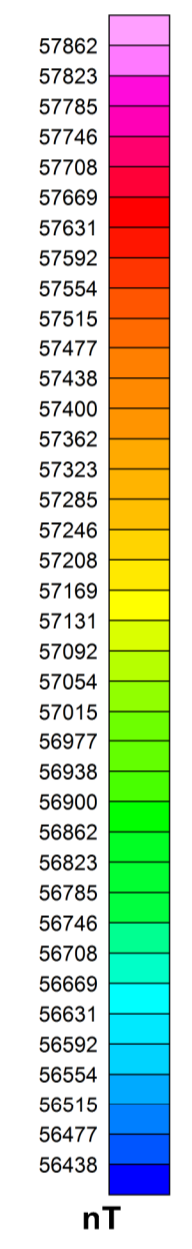
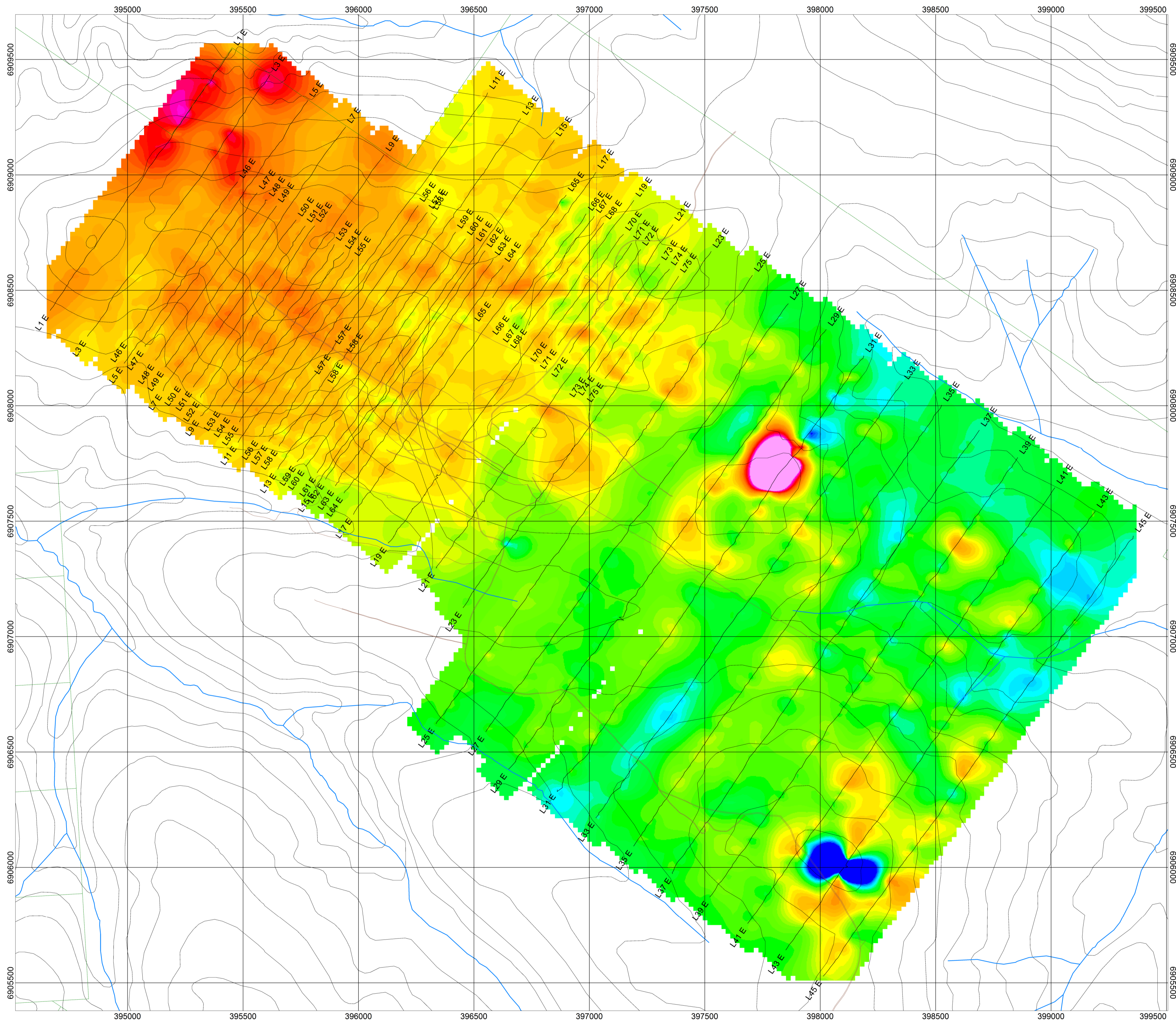
Project Information:
 Survey by: TerraLogic Exploration Inc.
 Processing by: SJ Geophysics Ltd.
 Survey Date: August, 2016

Instrumentation:
 Magnetometer: GEM-systems GSM-19 Overhauser Magnetometer
 VLF-EM: GEM GSM-19V portable VLF system

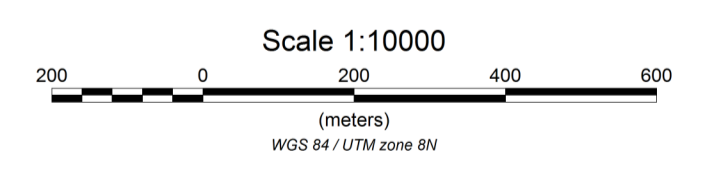
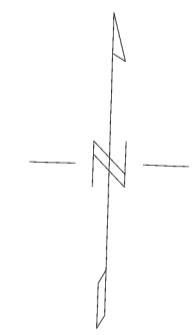
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 Projection: UTM Zone 8N



Northern Fregold Resources Ltd.
Total Magnetic Field Intensity (Levelled)
False Colour Contour Map (nT)
 Equal Area Colour Distribution



Map Legend
 Black Lines - topo contours
 Blue Lines - rivers, streams
 Brown Lines - roads
 Green Lines - claim boundary



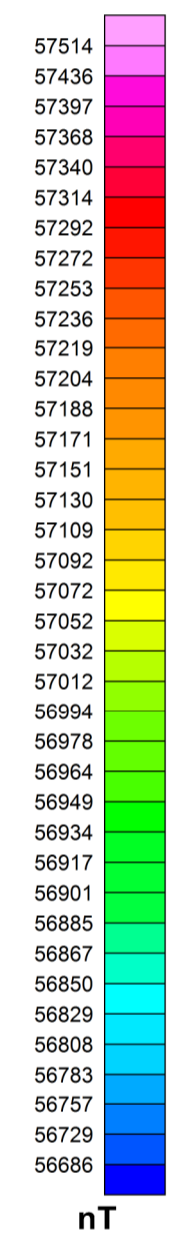
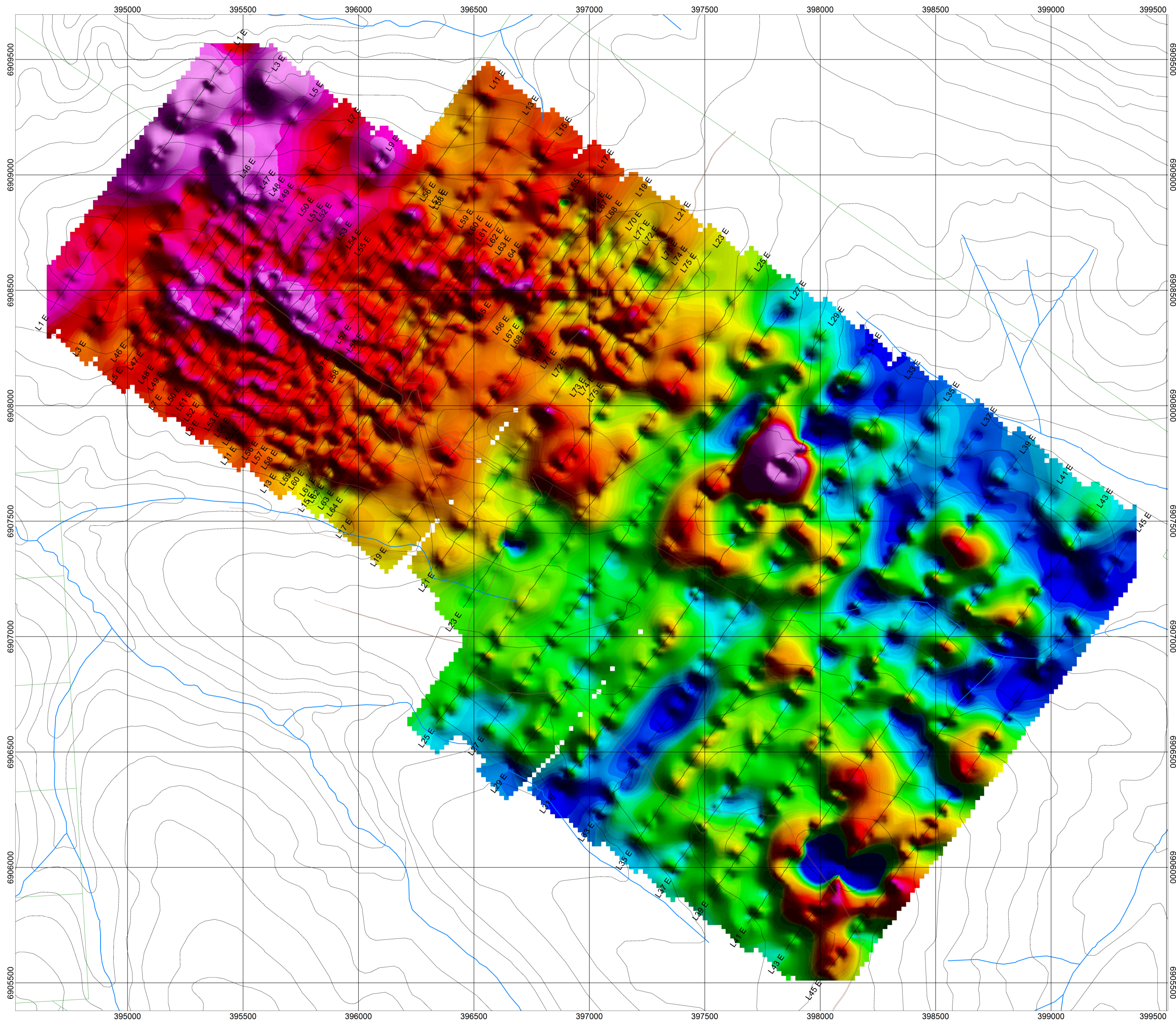
Project Information:
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 Processing by: SJ Geophysics Ltd.
 Survey Date: August, 2016

Instrumentation:
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 VLF-EM: GEM GSM-19V portable VLF system

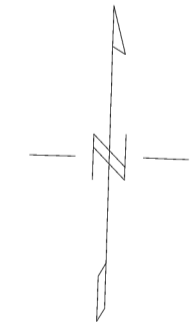
Mapping Information:
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 Projection: UTM Zone 8N



Northern Fregold Resources Ltd.
Total Magnetic Field Intensity (Levelled)
False Colour Contour Map (nT)
 Linear Colour Distribution



Map Legend
 Black Lines - topo contours
 Blue Lines - rivers, streams
 Brown Lines - roads
 Green Lines - claim boundary



Scale 1:10000
 (meters)
 WGS 84 / UTM zone 8N

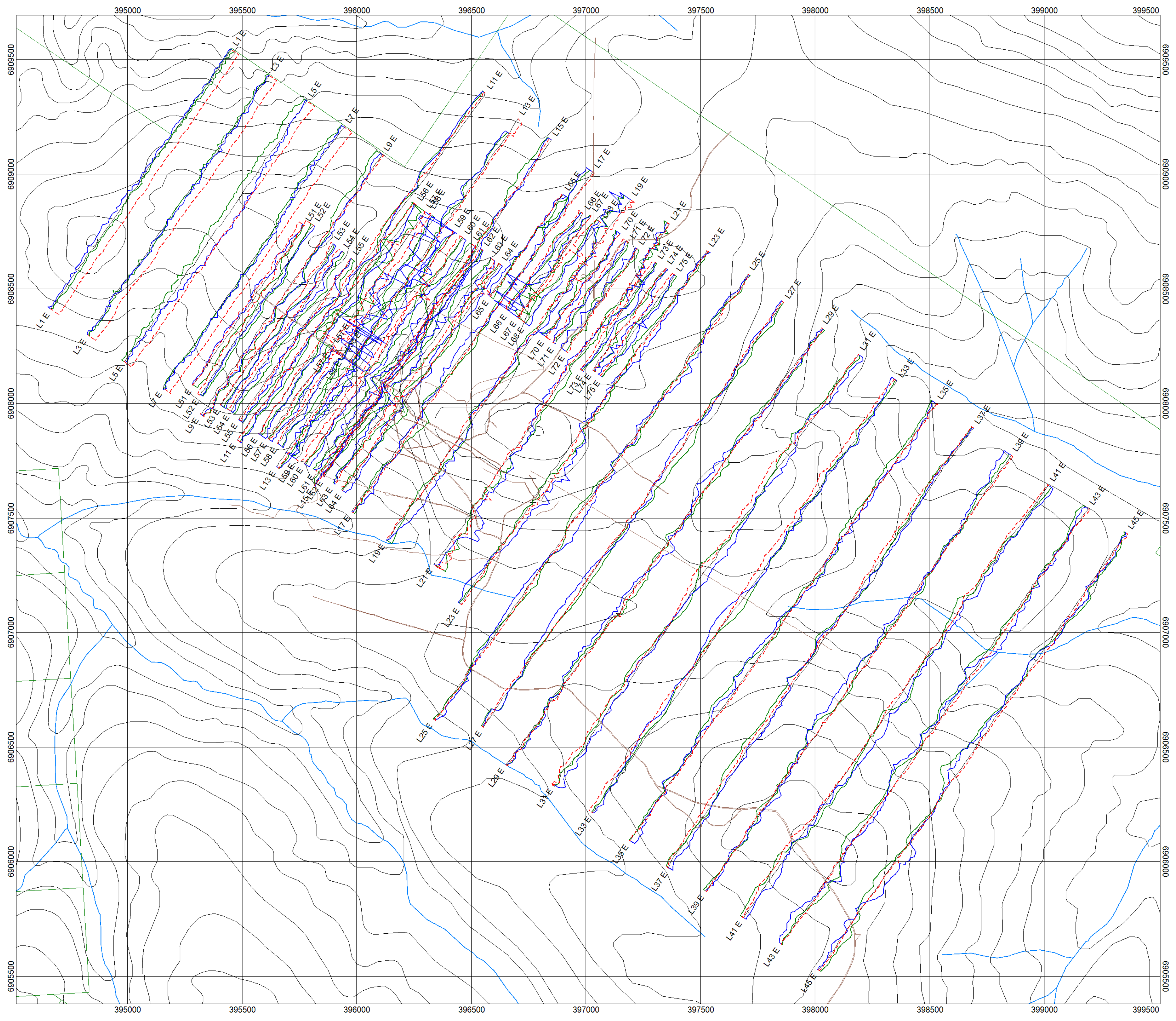
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 Survey by: TerraLogic Exploration Inc.
 Processing by: SJ Geophysics Ltd.
 Survey Date: August, 2016

Instrumentation:
 Magnetometer: GEM-systems GSM-19 Overhauser Magnetometer
 VLF-EM: GEM GSM-19V portable VLF system

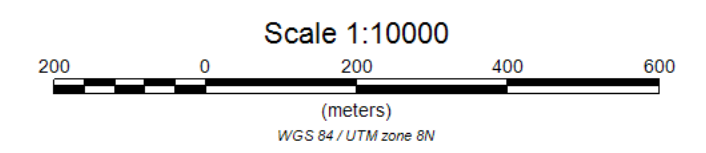
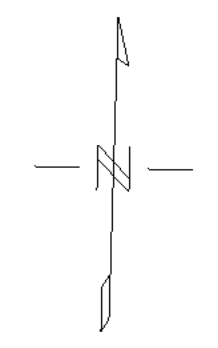
Mapping Information:
 Datum: WGS84
 Projection: UTM Zone 8N



Northern Freegold Resources Ltd.
 Total Magnetic Field Intensity (Levelled)
 Shadow Enhanced False Colour Contour Map (nT)
 Illumination from NE
 Equal Area Colour Distribution



Map Legend
 Black Lines - topo contours
 Blue Lines - rivers, streams
 Brown Lines - roads
 Green Lines - claim boundary



Project Information:
 Survey by: TerraLogic Exploration Inc.
 Processing by: SJ Geophysics Ltd.
 Survey Date: August, 2016

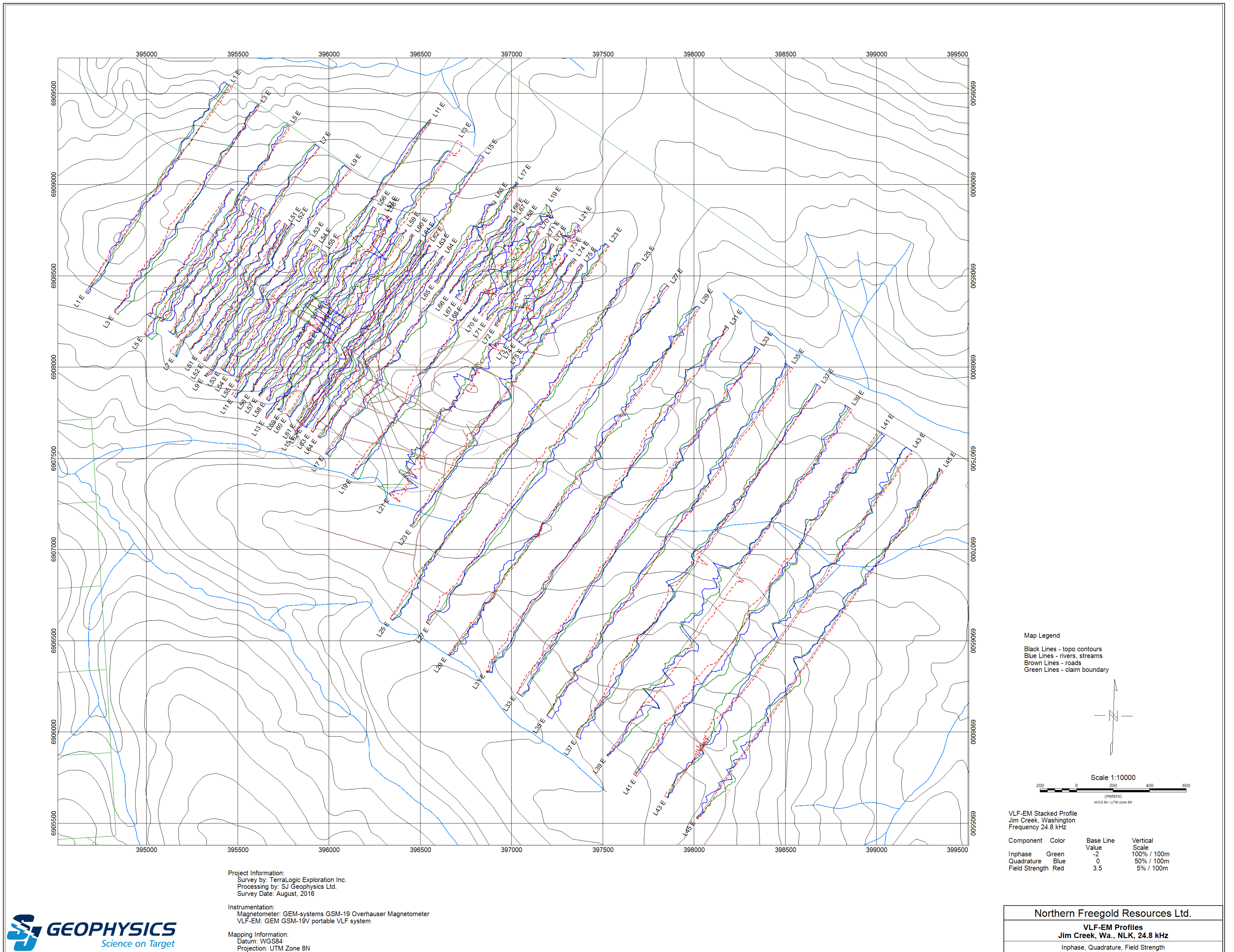
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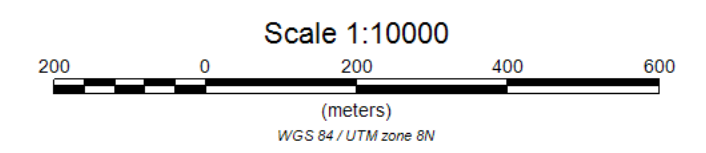
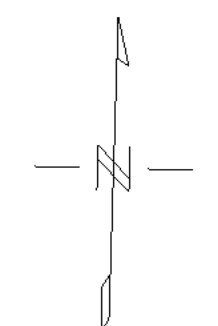
Component	Color	Base Line Value	Vertical Scale
Inphase	Green	-2	100% / 100m
Quadrature	Blue	-2	50% / 100m
Field Strength	Red	1	2% / 100m



Northern Freegold Resources Ltd.
VLF-EM Profiles
Cutler, Maine, NAA, 24.0 kHz
 Inphase, Quadrature, Field Strength



Map Legend
 Black Lines - topo contours
 Blue Lines - rivers, streams
 Brown Lines - roads
 Green Lines - claim boundary



VLF-EM Stacked Profile
 Jim Creek, Washington
 Frequency 24.8 kHz

Component	Color	Base Line Value	Vertical Scale
Inphase	Green	-2	100% / 100m
Quadrature	Blue	0	50% / 100m
Field Strength	Red	3.5	5% / 100m

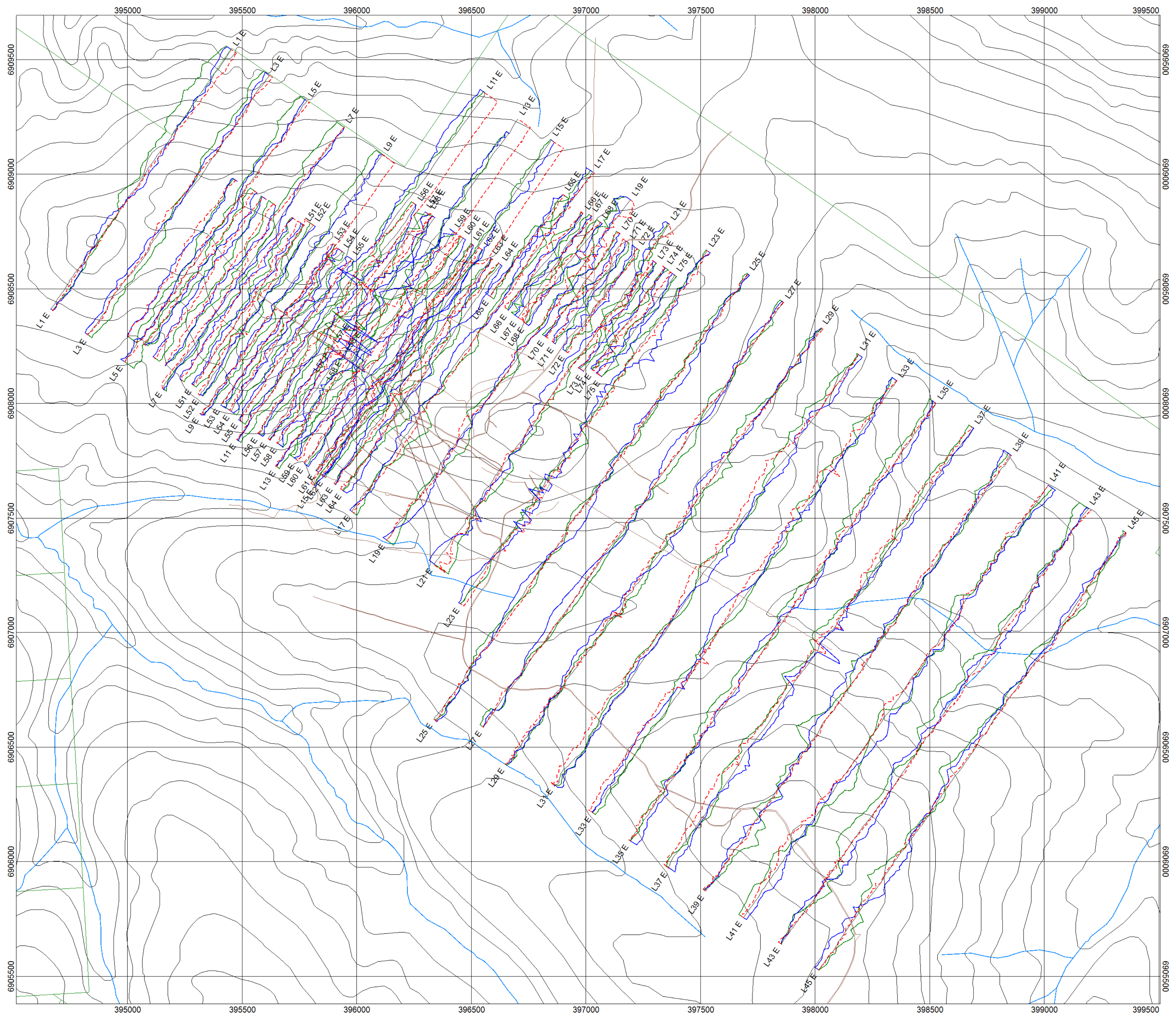
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 Processing by: SJ Geophysics Ltd.
 Survey Date: August, 2016

Instrumentation:
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 VLF-EM: GEM GSM-19V portable VLF system

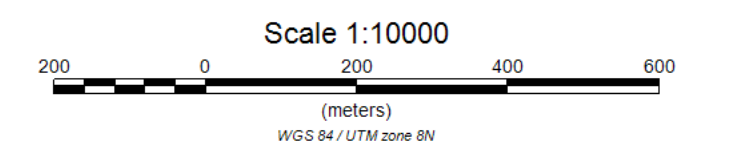
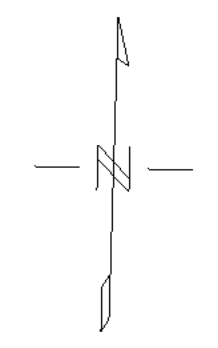
Mapping Information:
 Datum: WGS84
 Projection: UTM Zone 8N



Northern Freegold Resources Ltd.
VLF-EM Profiles
Jim Creek, Wa., NLK, 24.8 kHz
 Inphase, Quadrature, Field Strength



Map Legend
 Black Lines - topo contours
 Blue Lines - rivers, streams
 Brown Lines - roads
 Green Lines - claim boundary



VLF-EM Stacked Profile
 La Moure, North Dakota
 Frequency 25.2 kHz

Component	Color	Base Line Value	Vertical Scale
Inphase	Green	-4	100% / 100m
Quadrature	Blue	0	50% / 100m
Field Strength	Red	3.5	5% / 100m

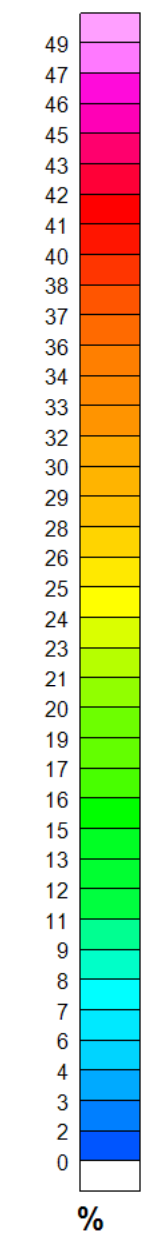
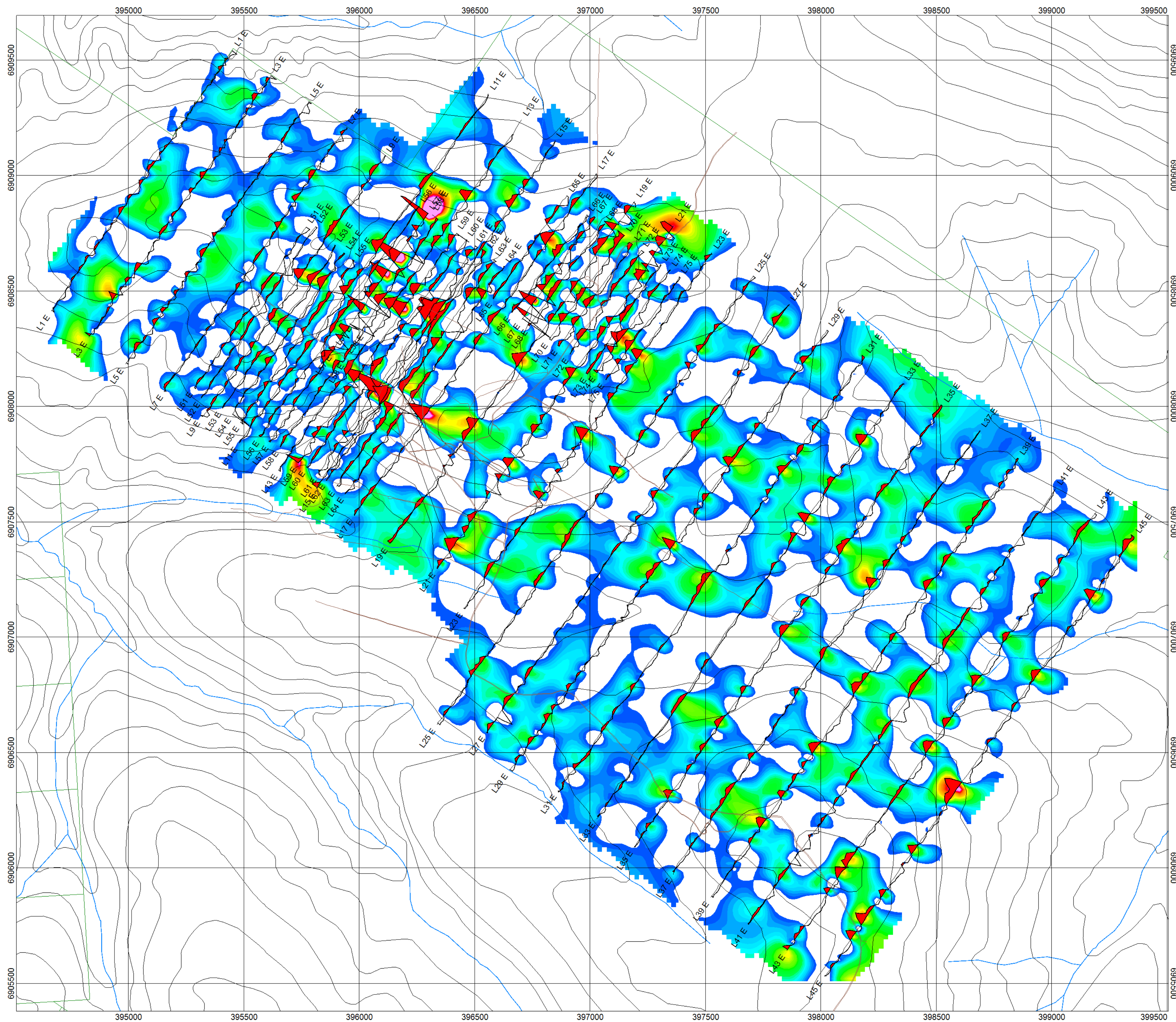
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 Processing by: SJ Geophysics Ltd.
 Survey Date: August, 2016

Instrumentation:
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 VLF-EM: GEM GSM-19V portable VLF system

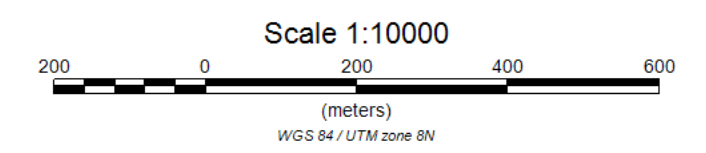
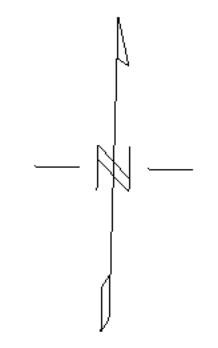
Mapping Information:
 Datum: WGS84
 Projection: UTM Zone 8N



Northern Freegold Resources Ltd.
VLF-EM Profiles
La Moure, ND., NML, 25.2 kHz
 Inphase, Quadrature, Field Strength



Map Legend
 Black Lines - topo contours
 Blue Lines - rivers, streams
 Brown Lines - roads
 Green Lines - claim boundary



VLF-EM Stacked Profile Cutler, Maine Frequency 24.0 kHz Component	Color	Base Line Value	Vertical Scale
Fraser Filtered Inphase	Black - red fill	0	200% / 100m

Project Information:
 Survey by: TerraLogic Exploration Inc.
 Processing by: SJ Geophysics Ltd.
 Survey Date: August, 2016

Instrumentation:
 Magnetometer: GEM-systems GSM-19 Overhauser Magnetometer
 VLF-EM: GEM GSM-19V portable VLF system

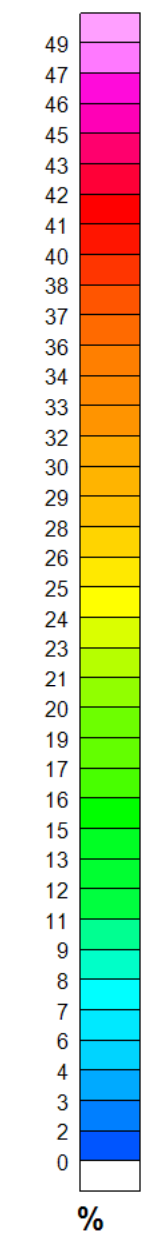
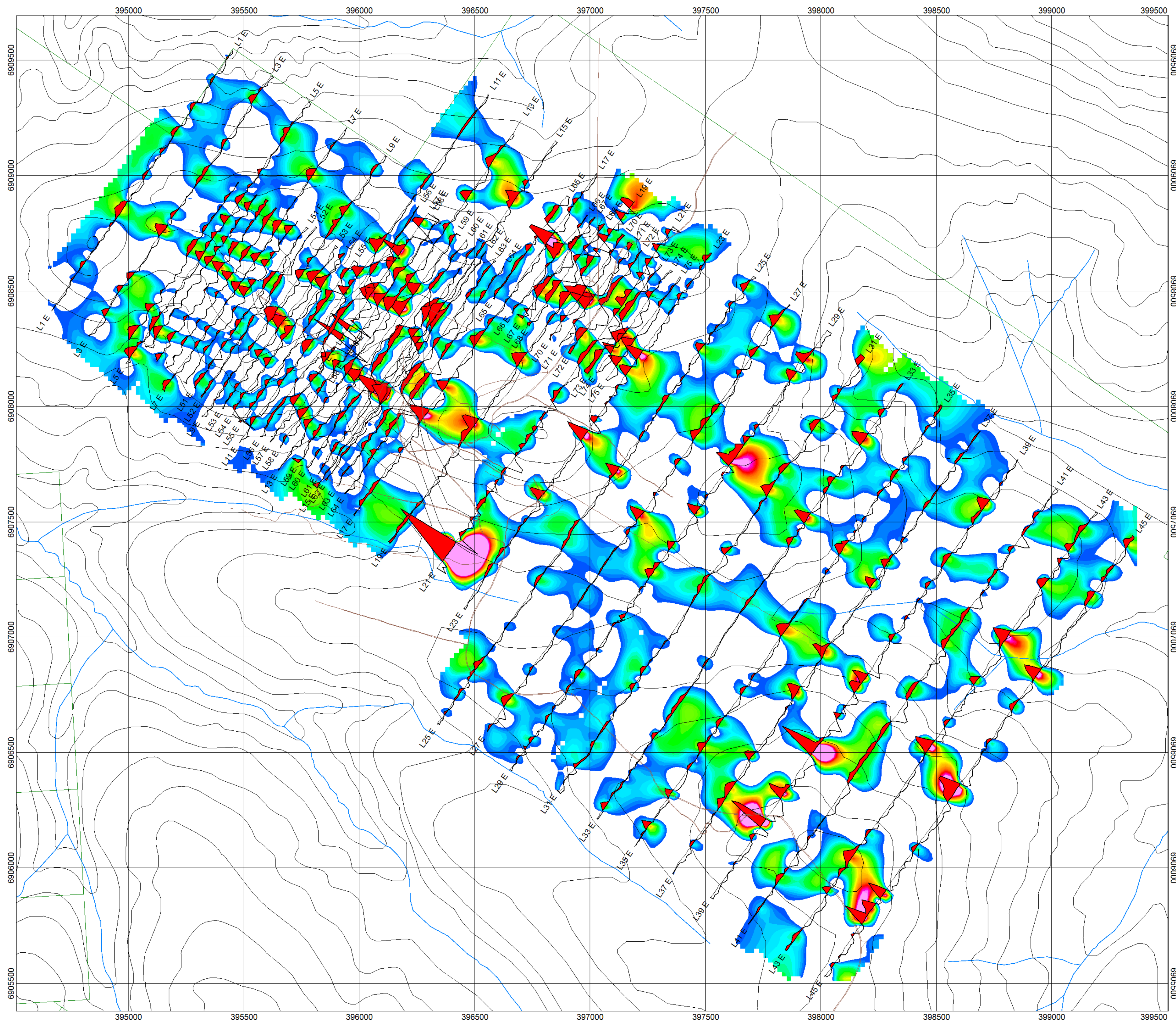
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 Datum: WGS84
 Projection: UTM Zone 8N



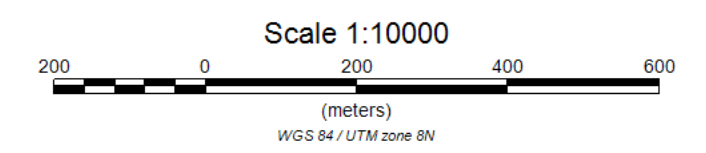
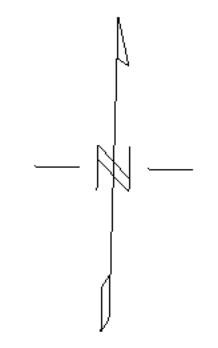
Northern Freegold Resources Ltd.

VLF-EM Survey
NAA - Cutler, Maine - 24.0 kHz
Fraser Filtered Inphase Component

False Colour Contour Map
 Stacked Profile Map



Map Legend
 Black Lines - topo contours
 Blue Lines - rivers, streams
 Brown Lines - roads
 Green Lines - claim boundary



VLF-EM Stacked Profile
 Jim Creek, Washington
 Frequency 24.8 kHz
 Component

Color	Base Line Value	Vertical Scale
Fraser Filtered Inphase	Black - red fill	0 200% / 100m

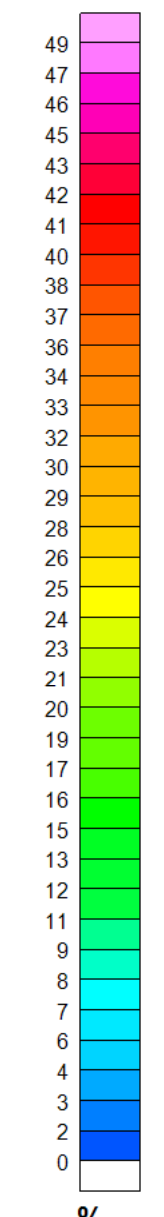
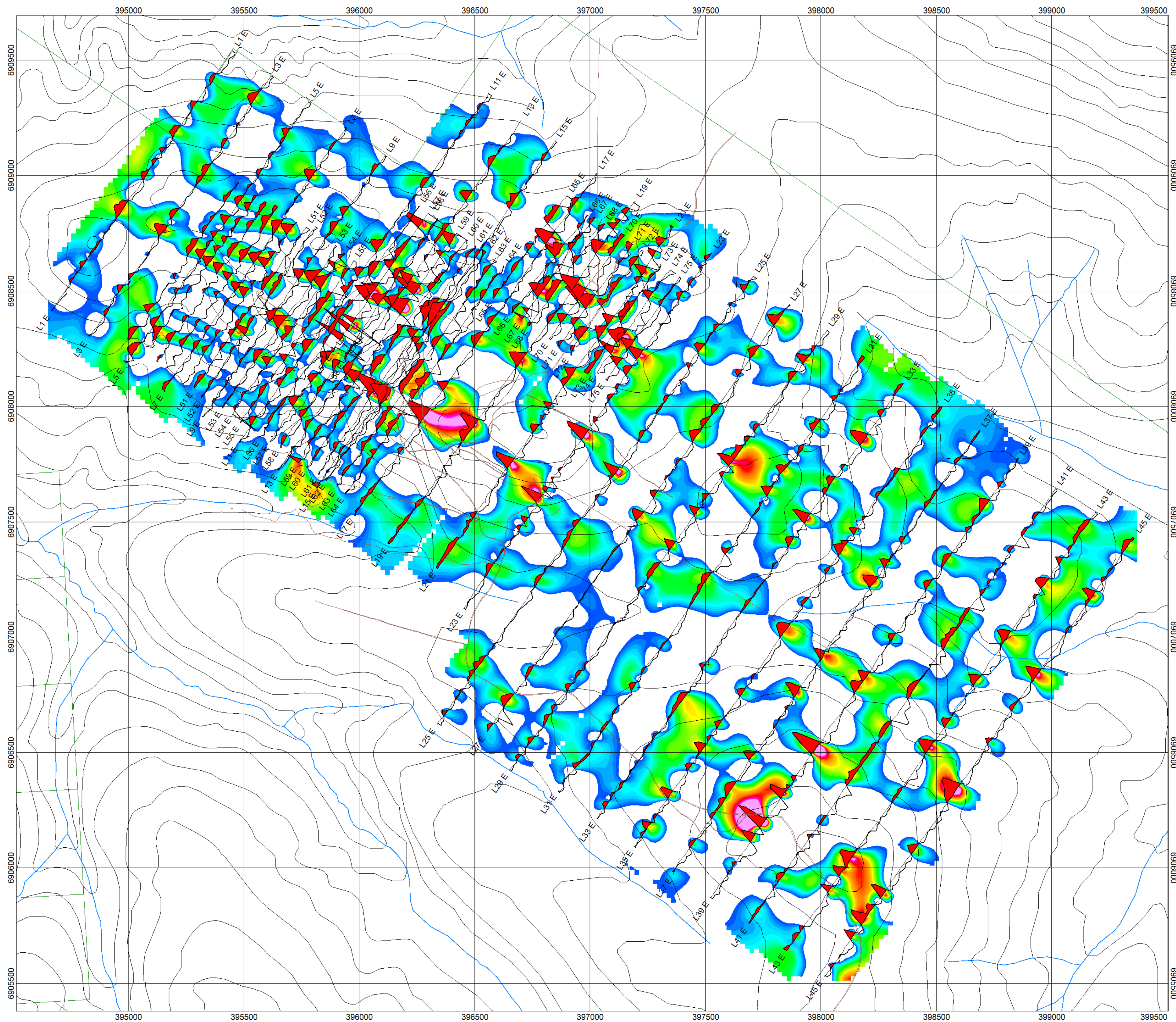
Project Information:
 Survey by: TerraLogic Exploration Inc.
 Processing by: SJ Geophysics Ltd.
 Survey Date: August, 2016

Instrumentation:
 Magnetometer: GEM-systems GSM-19 Overhauser Magnetometer
 VLF-EM: GEM GSM-19V portable VLF system

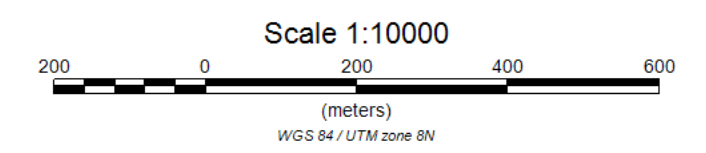
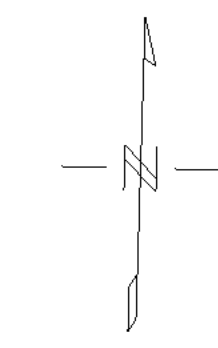
Mapping Information:
 Datum: WGS84
 Projection: UTM Zone 8N



Northern Freegold Resources Ltd.
VLF-EM Survey
NLK - Jim Creek, Wa., 24.8 kHz
Fraser Filtered Inphase Component
 False Colour Contour Map
 Stacked Profile Map



Map Legend
 Black Lines - topo contours
 Blue Lines - rivers, streams
 Brown Lines - roads
 Green Lines - claim boundary



VLF-EM Stacked Profile
 Lamour North Dakota
 Frequency 25.2 kHz
 Component

Color	Base Line Value	Vertical Scale
Fraser Filtered Inphase	Black - red fill	0 200% / 100m

Project Information:
 Survey by: TerraLogic Exploration Inc.
 Processing by: SJ Geophysics Ltd.
 Survey Date: August, 2016

Instrumentation:
 Magnetometer: GEM-systems GSM-19 Overhauser Magnetometer
 VLF-EM: GEM GSM-19V portable VLF system

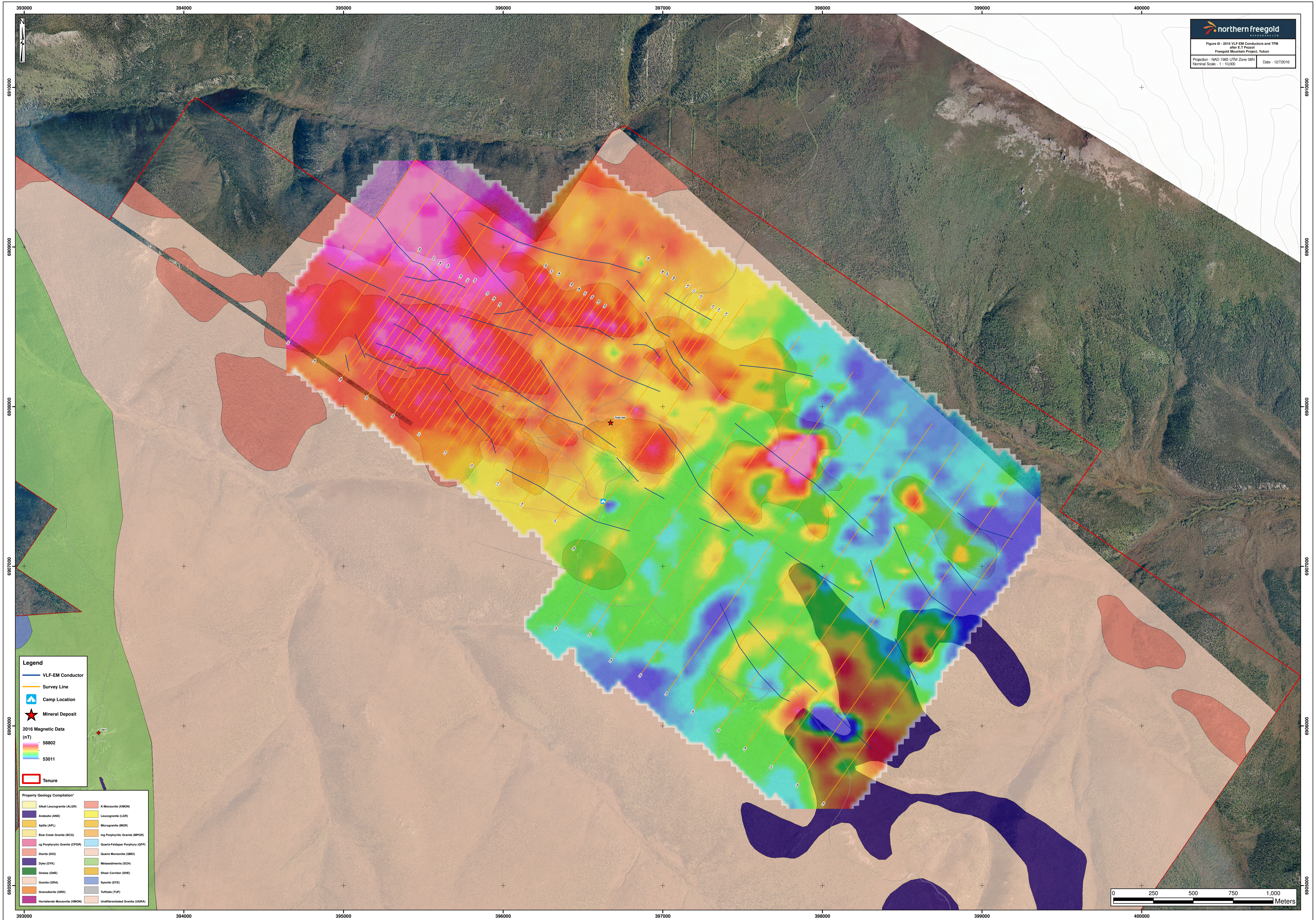
Mapping Information:
 Datum: WGS84
 Projection: UTM Zone 8N



Northern Freegold Resources Ltd.

VLF-EM Survey
NML - La Moure, N.D. - 25.2 kHz
Fraser Filtered Inphase Component

False Colour Contour Map
 Stacked Profile Map

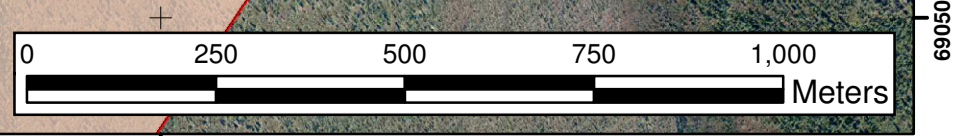


Legend

- VLF-EM Conductor
- Survey Line
- Camp Location
- Mineral Deposit
- 2016 Magnetic Data (nT)**
- 58802
- 53011
- Tenure

Property Geology Compilation*

Alkali Leucogranite (ALGR)	K-Monzonite (KMON)
Andesite (AND)	Leucogranite (LGR)
Aplite (APL)	Microgranite (MGR)
Bow Creek Granite (BCG)	mg Porphyritic Granite (MPGR)
cp Porphyritic Granite (CPGR)	Quartz-Feldspar Porphyry (QFP)
Diorite (DIO)	Quartz Monzonite (QMO)
Dyke (DYK)	Metasediments (SCH)
Gneiss (GNE)	Shear Corridor (SHE)
Granite (GRA)	Syenite (SYE)
Granodiorite (GRD)	Tuffite (TUF)
Hornblende Monzonite (HMON)	Undifferentiated Granite (UGRA)



CONCLUSIONS

The 2016 geophysical surveys covering the Tinta Hill target area highlighted several magnetic and VLF-EM features which appear to define extensions of the epithermal vein system. The survey was effective at imaging different structural fabrics within the bedrock which are interpreted to have the following orientations: azimuth 305°, azimuth 280° and azimuth 320°. Of particular interest are the 305° and 280° trends which are both known to control the distribution of mineralization at the Tinta Hill Deposit. In addition the magnetic survey revealed three features, which require follow-up work to determine the source of the anomalies.

The complimentary geochemical survey highlighted several areas west of the Tinta Hill Deposit where Ag-Au-Bi-Pb anomalies are coincident with VLF-EM conductors. Of particular interest for future exploration is the coincident Ag-Au-Bi anomaly positioned on FGL045 (FGL045 03+00N – 04+00 N) which lies immediately south, and down slope of the interpreted intersection of two conductors, both of which have weakly-strongly anomalous geochemical values associated with them for approximately +500.0 m (FGL040 05+50N to FGL045 03+50N). The intersecting conductors appear to highlight the main Tinta Vein structural corridor (azimuth 305°) and a conjugate structure (azimuth 280°). The intersection of these structural trends are also observed as mineralized vein structures within the Tinta Hill Deposit located 1,500.0 m to the southeast. Trenching and/or drill testing of this anomaly is recommended during future exploration of the Tinta Hill target area.

A moderate-strong (2-3 x SD) Au-Pb ± Ag anomaly occurs on line FGL036 from 05+00N to 05+50N, and is approximately 125.0 m north of the nearest diamond drill hole at the western end of the Tinta Hill Deposit. The anomaly has not been trenched or drill tested, and is recommended as a high priority target for follow-up work in proximity to the Deposit.

Although the Freegold Mountain area has undergone extensive exploration over the past 86 years, future work is recommended to determine the full extent of economic potential within the Project area.

RECOMMENDATIONS

Additional work is recommended to advance the Tinta Hill Deposit.

Future work on the Tinta Hill Deposit should focus on further defining the vein hosted mineralization. Both soil geochemistry and ground magnetic/VLF-EM surveys appear to be effective tools for efficiently targeting fertile, and prospective structures along strike from the Deposit. Trenching and/or Rotary Air Blast (RAB) drilling should be completed on high priority targets defined by the aforementioned surveys. Diamond drilling would be recommended to follow-up on encouraging trenching/RAB drilling results. This exploration strategy would provide the potential for continued exploration and resource definition with relatively low exploration/development costs compared to the vast resources required to further define and develop low-grade porphyry-type copper-gold resources.

Future exploration work on the Tinta Hill target area should include, but is not limited to:

- Systematic exploration of the area encompassing the Tinta Hill Deposit (\$300,000.00):
 - Reinterpretation and modelling of geophysical data (Magnetic, VLF-EM) with petrophysical constraints provided from physical rock properties;
 - Detailed geochemical surveys continuing west from the 2016 survey coverage using conventional auger sampling techniques;
 - Detailed ground magnetics and VLF-EM surveys continuing west from the 2016 survey coverage;
 - Bedrock sampling coincident geochemical/geophysical anomalies in areas of extensive cover using a small RAB drill;
 - Diamond drilling of vein systems outside of the resource area pending favourable percussion drill results (500.0 m);
 - Continued resource definition of the Tinta Hill Deposit (500.0 m).

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(* denotes reference containing historic bedrock geology and interpreted geology maps used to generate the property scale geology maps used in this report)

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Northern Freegold Resources Ltd.

January 10th, 2017

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**Technical Report for the
Tinta Hill Target Evaluation Project
Freegold Mountain Property
(YMEP Project 16-045)
Yukon Territory**

Volume II – Appendices I - V

Latitude 62°18'N, Longitude 137°12'W
Map sheets 115I/3, 115I/6, and 115I/7
Whitehorse Mining District

Prepared for:
Derek Torgerson, P. Geol.
Mineral Development Geologist
Yukon Geological Survey

Prepared by:
Michael McCuaig, P. Geo
TerraLogic Exploration Inc.
Suite 200, 44-12th Avenue South
Cranbrook, British Columbia, Canada
V1C 2R7

On behalf of:

Northern Freegold Resources Ltd.
11th Floor, 1111 Melville Street
Vancouver, British Columbia, Canada
V6E 3V6

January 10th, 2017

Appendix I

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Michael A. McCuaig, Do hereby certify that:

I am currently employed as a Geologist, with TerraLogic Exploration Inc. with business address: Suite 200, 44-12th Avenue South, Cranbrook, BC, V1C 2R7.

I graduated with a Bachelor of Science Degree from St. Francis Xavier University in 2003.

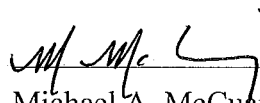
I have worked as a geologist for 10 years since my graduation from University.

I am currently a member in good standing with APEGBC, Registration Number 39402.

I supervised field work on the 2016 exploration program on the Freegold Mountain Property.

I have authored the 2016 report titled "Technical Report for the Freegold Mountain Property Tinta Hill Target Evaluation Project (YMEP Project 16-045), Yukon Territory" dated January 10th, 2017.

Dated this 10th day of January 2017, in Cranbrook, British Columbia.


Michael A. McCuaig, P. Geo.

STATEMENT OF QUALIFICATIONS

I, Grayson Clague, Do hereby certify that:

I am currently employed as a Geotechnician, with TerraLogic Exploration Inc. with business address: Suite 200, 44-12th Avenue South, Cranbrook, BC, V1C 2R7.

I graduated with a Bachelor of Science Degree from UBC in 2015.

I have worked in the mineral exploration industry for 9 years.

I completed field work on the 2016 exploration program under the direction of M. McCuaig P.Geo., on the Freegold Mountain Property.

Dated this 14th day of December 2016, in Williams Lake, British Columbia.



Grayson Clague

STATEMENT OF QUALIFICATIONS

I, Aidan Ditchburn-Trout, Do hereby certify that:

I was employed as a Junior Geologist, with TerraLogic Exploration Inc. with business address: Suite 200, 44-12th Avenue South, Cranbrook, BC, V1C 2R7 from July 17th, 2016 to October 18th, 2016.

I graduated with a Bachelor of Science Degree from McGill University in 2015.

I have worked as a geologist for 1 year since my graduation from University.

I have worked in the mineral exploration industry for 3 years.

I completed field work on the 2016 exploration program under the direction of M. McCuaig P.Ge., on the Freegold Mountain Property.

Dated this 13th day of December 2016, in Quebec.

A handwritten signature in black ink, appearing to read "Aidan Ditchburn-Trout", is written over a horizontal line.

Aidan Ditchburn-Trout

Appendix II

Final Submission Form & Statement of Expenditures

YMEP FINAL SUBMISSION FORM

Your feedback on any aspect of the program:

The Department of Energy, Mines and Resources may verify all statements related to and made on this form, in any previously submitted reports, interim claims and in the Summary or Technical Report which accompanies it.

I certify that;

1. I am the person, or the representative of the company or partnership, named in the Application for Funding and in the Contribution Agreement under the Yukon Mining Incentives Program.
2. I am a person who is nineteen years of age or older, and I have complied with all the requirements of the said program.
3. I hereby apply for the final payment of a contribution under the Yukon Mineral Exploration Program (YMEP) and declare the information contained within the Summary or Technical Report and this form to be true and accurate.

Date _____

Signature of Applicant _____

Name (print) _____

Freegold Mountain Project 2016				
Geochemical and Geophysics Surveys				Totals
Personnel (Name) / Position	Field Days	Days	Rate	Subtotal
Grayson Clague / Geotechnician	August 18 th - September 8 th , 2016 (YMEP Eligible August 18 th - September 6 th , 2016)	22.50	\$450.00	\$10,125.00
Aidan Ditchburn-Trout / Junior Geologist	August 15 th - September 9 th , 2016 (YMEP Eligible August 18 th - September 6 th , 2016)	25.00	\$400.00	\$10,000.00
				\$20,125.00
Office (Management and Reporting)	List Personnel	Hours	Rate	Subtotal
Project Management	Mike McCuaig / P.Geo.	17.00	\$72.00	\$1,224.00
Data Management/Field Gear Preparations	Brad Robison / Geotechnician	17.50	\$61.50	\$1,076.25
Data Management/Field Gear Preparations	Grayson Clague / Geotechnician (YMEP Eligible - 2.0 hours)	7.25	\$57.50	\$416.88
Report preparation and data management	Mike McCuaig / P.Geo. (YMEP Eligible - 35.0 hours)	36.20	\$72.00	\$2,606.40
				\$5,323.53
				\$5,323.53
Geochemical Surveying	Description	No.	Rate	Subtotal
Soil Samples	Multi-element ICP-MS (YMEP Eligible)	414.0	\$20.38	\$8,439.06
				\$8,439.06
				\$8,439.06
Geophysics Surveying	Description	No.	Rate	Subtotal
MAG Base Rental (TerraLogic)	(2.7 weeks @ \$550.00/week) (YMEP Eligible)	2.70	\$550.00	\$1,485.00
MAG/VLF Rental (TerraLogic)	(2.7 weeks @ \$1350.00/week) (YMEP Eligible)	2.70	\$1,350.00	\$3,645.00
MAG/VLF Rental (TerraPlus)	(1 month @ \$4590.00/month + \$85.00 preparation fee) (YMEP Eligible)			\$4,675.00
Equipment Insurance	(TerraPlus Rental Insurance)			\$160.00
Data Processing and Interpretation	Project support provided by SJ Geophysics (YMEP Eligible)			\$4,490.00
				\$14,455.00
				\$14,455.00
Transportation and Field Expenses		No.	Rate	Subtotal
Truck rental	F -150 (3.27 weeks @ \$700/week) (YMEP Eligible - 2.70 weeks @ \$350/week)	3.27	\$700.00	\$2,289.00
Kilometers	TerraLogic Mobilization/Demobilization (Total km * rate)	3856	\$0.30	\$1,156.80
Airfare	G. Clague/A. Ditchburn-Trout			\$2,407.30
Hotel	Whitehorse Accommodation - Coast Hotel (YMEP Eligible - \$441.00)			\$836.66
Meals	Groceries and Resturant Expenses (YMEP Eligible - Daily Max Allowance of \$100.00/pp/pd)			\$2,145.77
Taxi				\$43.10
Baggage	Airline Baggage Charges			\$78.00
Sampling Consumables	(YMEP Eligible - Daily Max Allowance of \$100.00/pp/pd)			\$274.25
Technical Report	Rocky Mountain Printers - TBD (YMEP Eligible)			\$350.00
Fuel	Truck, Camp Generator (YMEP Eligible - \$368.14)			\$1,233.94
				\$10,814.82
				\$10,814.82
Equipment Rentals		No.	Rate	Subtotal
Field Gear (Specify)	Pack with gear, GPS, cruiser vest @ \$60/week	6.54	\$60.00	\$392.40
Chainsaw	(3.27 weeks @ \$45/week) (YMEP Eligible - 2.7 weeks @ \$45.00/week)	3.27	\$45.00	\$147.15
Computer	Laptop with Printer (3.27 weeks @ \$55.00/week)	3.27	\$55.00	\$179.85
Trailer	Tailts Trailer 7 * 16 cargo trailer (2.0 weeks + 4.0 days @ \$450.00/week) (YMEP Eligible)		\$450.00	\$1,390.00
Field Camp Kit	(3.27 weeks @ \$700.00/week) (YMEP Eligible - Generator (2000W) 2.7 weeks @ \$140.00/week)	3.27	\$700.00	\$2,289.00
Fire Suppression Tank (backpack)	(3.27 weeks @ \$30.00/week)	3.27	\$30.00	\$98.10
Small Tools Kit	(3.27 weeks @ \$90.00/week)	3.27	\$90.00	\$294.30
Radio	Handheld Radios (3.27 weeks @ \$55.00/week)	3.27	\$55.00	\$179.85
Satellite Internet	Galaxy Broadband (1.62 months @ \$883.99/month)	1.62	\$883.99	\$1,532.34
Satellite Phone	Iridium (3.27 weeks @ \$75/week)	3.27	\$75.00	\$245.25
				\$6,748.24
				\$6,748.24
Freight				Subtotal
Greyhound	Shipping of Satellite Internet (Edmonton - Whitehorse return) & Geophysics Equipment (Toronto - Whitehorse Return)			\$1,540.76
				\$1,540.76
TerraLogic Exploration Handling and Administration Fees				Subtotal
				\$2,502.67
				\$2,502.67
TOTAL Expenditures				\$69,949.08

Appendix III

Sampling Protocol, Laboratory Protocol & Software

3.1 Handling and Sampling Protocol

All of the 2016 samples were collected by TerraLogic Exploration Inc., employees. The sampling process is standardized and continually monitored for quality assurance and quality control. One type of sample was collected: soil samples. All samples were described in a digital data recorder in the field at the time of collection and also had a GPS location recorded at the site. Upon returning to the field office all of the sample metadata was input/downloaded into a digital database. The 2016 soil samples from the Freegold Mountain property were delivered to the ALS Minerals Preparation Laboratory at 78 Mt. Sima Road, Whitehorse, Yukon Territory, V1A 0A8. Sample preparation was completed in Whitehorse and then the samples were internally shipped to ALS Minerals Laboratory, 2103 Dollarton Highway, North Vancouver, British Columbia, V7H 0A7. Once in the ALS Minerals laboratory the samples were analyzed using the following methods: Au-ST43 (super trace Au determination via 25.0 g AR digestion and ICP-MS analysis) and ME-MS41 (51 element analysis via 0.5 g digestion and ICP-MS analysis).

Sample Handling and Shipping Procedure

All samples were brought back to the field base camp (Tinta Hill Base Camp) where the soil samples were arranged in order and left in a covered tent frame to dry. Samples with damaged bags or unclear labels were re-bagged and placed back into order. Sample locations for which sample material could not be collected were included in the shipment as empty bags with the sample location written on them. At the end of the field program, a shipment was prepared. This required one crew member going through each sample ensuring that all samples were in order. The other crew member would record each sample number to be shipped. Once recorded, the samples were placed into polyweave rice bags. As an extra security measure each bag was secured with a locking zip tie. Each bag was clearly labeled with the following: Shipping address, receiver address, bag # of # and PO/TerraLogic shipping reference number (FG2016-1). Each shipping container weighed approximately 20 kg. The list of samples was compared to the database and any discrepancies investigated and rectified. The shipment containing the samples was delivered to ALS Minerals laboratory without incident.

3.2 Sample Preparation and Analytic Procedures

The following documents have been provided by ALS Minerals to describe both sample preparation and analytic procedures for the soil samples collected on the Freegold Mountain Project in 2016.

SAMPLE PREPARATION PACKAGE

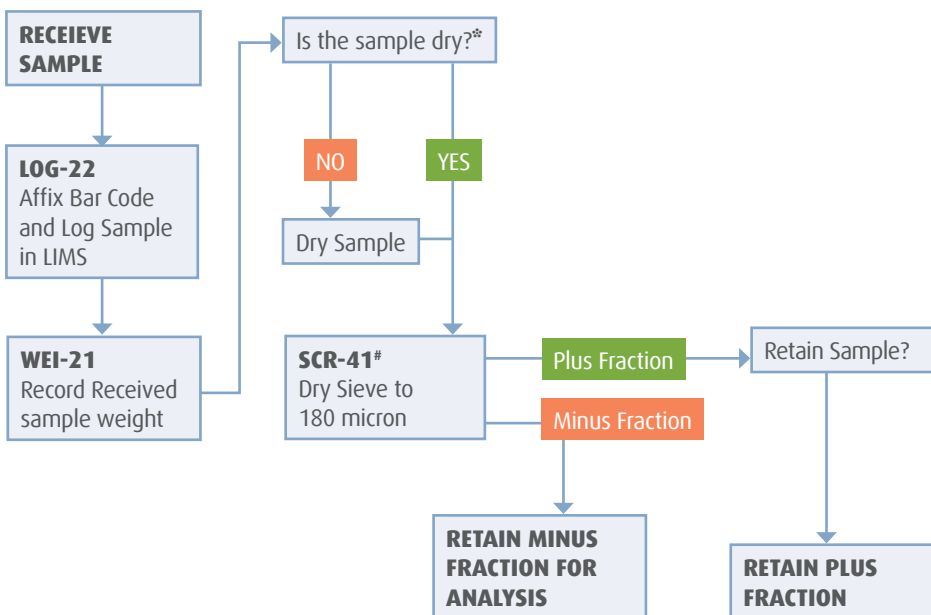
PREP- 41

STANDARD PREPARATION: DRY SAMPLE AND DRY- SIEVE TO -180 MICRON

Sample preparation is the most critical step in the entire laboratory operation. The purpose of preparation is to produce a homogeneous analytical sub-sample that is fully representative of the material submitted to the laboratory. An entire sample is dried and then dry-sieved using a 180 micron (Tyler 80 mesh) screen. The plus fraction is retained unless disposal is requested. This method is appropriate for soil or sediment samples up to 1 kg in weight.

METHOD CODE	DESCRIPTION
LOG-22	Sample is logged in tracking system and a bar code label is attached.
DRY-22	Low temperature drying of excessively wet samples where the oven temperature is not to exceed 60°C. This method is suitable for more soil and sediment samples that are analyzed for volatile elements.
SCR-41	Sample is dry-sieved to - 180 micron and both the plus and minus fractions are retained.

SAMPLE PREPARATION FLOWCHART PACKAGE -PREP- 41



*If samples air-dry overnight, no charge to client. If samples are excessively wet, the sample should be dried to a maximum of 120°C. **(DRY-21)**

#The plus fraction is the material remaining on the screen. The minus fraction is the material passing through the screen.

†The plus fraction is retained unless disposal is requested.



Sample Preparation Procedure

Logging Samples Received as Pulps

All pulp samples received at ALS Chemex are furnished with a bar code label attached to the original sample bag. The system will also accept client supplied bar coded labels that are attached to sampling bags in the field. The label is scanned and the weight of the sample is recorded together with additional information such as date, time, equipment used and operator name. The scanning procedure is used for each subsequent activity involving the sample from preparation to analysis, through to storage or disposal of the pulp.

At least one out of every 50 samples is selected at random for routine pulp QC tests (LOG-QC). For routine pulps, the specification is 85 % passing a 75 micron screen. Other specifications may be checked as per client requirements.

Method Code	Specifications	Description
LOG-23	85 % < 75 \square m	Log received sample pulp in tracking system (Sample pulps received with bar code labels attached).
LOG-24	85 % < 75 \square m	Log received sample pulp in tracking system (Sample pulps received without bar code labels attached).
LOG-25	95 % < 106 \square m	Log received sample pulp in tracking system (Sample pulps received with bar code labels attached).
LOG-26	95 % < 106 \square m	Log received sample pulp in tracking system (Sample pulps received without bar code labels attached).
LOG-QC	See method specifications	Testing Procedure for samples received as pulp.

Revision 01.00
Dec 16, 2005

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Geochemical Procedure

ME- MS41

Ultra- Trace Level Methods Using ICP- MS and ICP- AES

Sample Decomposition:

Aqua Regia Digestion (GEO-AR01)

Analytical Method:

Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.50 g) is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples are then analysed by ICP-MS for the remaining suite of elements. The analytical results are corrected for inter-element spectral interferences.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	25
Arsenic	As	ppm	0.1	10 000
Gold	Au	ppm	0.2	25
Boron	B	ppm	10	10 000
Barium	Ba	ppm	10	10 000
Beryllium	Be	ppm	0.05	1 000
Bismuth	Bi	ppm	0.01	10 000
Calcium	Ca	%	0.01	25
Cadmium	Cd	ppm	0.01	1 000
Cerium	Ce	ppm	0.02	500
Cobalt	Co	ppm	0.1	10 000
Chromium	Cr	ppm	1	10 000

Revision 04.00
Sep 20, 2006

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Geochemical Procedure

Element	Symbol	Units	Lower Limit	Upper Limit
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10 000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10 000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.02	500
Mercury	Hg	ppm	0.01	10 000
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.2	10 000
Lithium	Li	ppm	0.1	10 000
Magnesium	Mg	%	0.01	25
Manganese	Mn	ppm	5	50 000
Molybdenum	Mo	ppm	0.05	10 000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.05	500
Nickel	Ni	ppm	0.2	10 000
Phosphorus	P	ppm	10	10 000
Lead	Pb	ppm	0.2	10 000
Rubidium	Rb	ppm	0.1	10 000
Rhenium	Re	ppm	0.001	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10 000
Scandium	Sc	ppm	0.1	10 000
Selenium	Se	ppm	0.2	1 000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10 000

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Geochemical Procedure

Element	Symbol	Units	Lower Limit	Upper Limit
Tantalum	Ta	ppm	0.01	500
Tellurium	Te	ppm	0.01	500
Thorium	Th	ppm	0.2	10000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10 000
Uranium	U	ppm	0.05	10 000
Vanadium	V	ppm	1	10 000
Tungsten	W	ppm	0.05	10 000
Yttrium	Y	ppm	0.05	500
Zinc	Zn	ppm	2	10 000
Zirconium	Zr	ppm	0.5	500

NOTE: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

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Sep 20, 2006

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Geochemical Procedure

Au-ST43/44

Determination of ultra-trace level gold by Aqua Regia

Sample Decomposition:

Gold aqua regia digestion (GEO-AUAR01/02)

Analytical Method:

Inductively Couple Plasma – Mass Spectrometry (ICP-MS)

Finely pulverised sample is digested in aqua regia. The gold in solution is determined by ICP-MS.

Samples containing high sulfides or carbon may lead to low gold recoveries unless they are roasted prior to digestion.

Method Code	Symbol	Units	Mass	Lower Limit	Upper Limit
Au-ST43	Au	ppm	25 g	0.0001	0.1
Au-ST44	Au	ppm	50 g	0.0001	0.1

3.3 Software

The following is a list of software used in the field and writing of this report:

- Arc GIS 10.3
- Microsoft Office 2010
- Apache Open Office
- Libre Office Calc
- QGIS
- Geosoft Oasis Montaj
- Adobe Acrobat 10

Appendix IV

Sample Location Data

Appendix V

Analytic Certificates



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To: TERRALOGIC EXPLORATION SERVICES INC.
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 SUITE 200
 CRANBROOK BC V1C 2R7

Page: 1
 Total # Pages: 6 (A - D)
 Plus Appendix Pages
 Finalized Date: 15- OCT- 2016
 Account: TELOEX

CERTIFICATE WH16153822

Project: ALSM- CW15- 015- TELOEX
 P.O. No.: FG2016- 1
 This report is for 200 Soil samples submitted to our lab in Whitehorse, YT, Canada on 5- SEP- 2016.
 The following have access to data associated with this certificate:
 JESSE CAMPBELL MIKE MCCUAIG

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST43	Super Trace Au - 25g AR	ICP- MS
ME- MS41	Ultra Trace Aqua Regia ICP- MS	

To: TERRALOGIC EXPLORATION SERVICES INC.
 ATTN: MIKE MCCUAIG
 44 - 12TH AVENUE SOUTH
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ST43	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
FGL043- 00+00N		0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
FGL043- 00+25N		0.43	0.0015	0.07	1.91	8.9	<0.2	<10	400	0.53	0.12	0.42	0.15	25.9	9.5	27
FGL043- 00+50N		0.43	0.0016	0.03	1.47	6.0	<0.2	<10	350	0.45	0.09	0.56	0.11	26.7	8.2	23
FGL043- 00+75N		0.40	0.0016	0.04	1.11	7.5	<0.2	<10	280	0.22	0.11	0.30	0.08	18.25	5.2	19
FGL043- 01+00N		0.51	0.0011	0.05	1.39	7.0	<0.2	<10	410	0.28	0.10	0.48	0.08	21.4	6.9	20
FGL043- 01+25N		0.46	0.0043	0.07	1.26	7.3	<0.2	<10	470	0.31	0.13	0.45	0.07	21.4	6.4	19
FGL043- 01+50N		0.42	0.0105	0.23	1.75	8.8	<0.2	<10	840	0.55	0.21	0.62	0.12	33.4	7.7	24
FGL043- 01+75N		0.48	0.0014	0.22	1.30	8.9	<0.2	<10	400	0.34	0.32	0.46	0.11	20.7	7.1	19
FGL043- 02+00N		0.46	0.0018	0.19	1.14	7.6	<0.2	<10	420	0.31	0.35	0.42	0.10	20.9	5.6	20
FGL043- 02+25N		0.42	0.0034	0.43	1.30	11.0	<0.2	<10	470	0.47	0.54	0.46	0.13	28.4	6.7	20
FGL043- 02+50N		0.35	0.0046	0.26	1.17	12.4	<0.2	<10	420	0.43	0.51	0.42	0.15	27.1	6.2	18
FGL043- 02+75N		0.58	0.0036	0.15	0.89	10.0	<0.2	<10	260	0.34	0.56	0.32	0.32	22.9	5.3	15
FGL043- 03+00N		0.51	0.0041	0.32	1.58	11.9	<0.2	<10	360	0.43	0.66	0.58	0.49	20.4	8.8	20
FGL043- 03+25NN/S		0.43	0.0107	0.60	1.72	22.1	<0.2	<10	580	0.63	1.77	0.60	0.51	27.3	8.2	23
FGL043- 03+50NN/S		<0.02	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL043- 03+75N		<0.02	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL043- 04+00N		0.41	0.0024	0.40	1.71	17.8	<0.2	<10	450	0.68	0.40	0.59	0.20	28.8	8.7	28
FGL043- 04+25N		0.52	0.0059	0.20	1.21	21.3	<0.2	<10	280	0.38	0.28	0.57	0.24	21.7	7.8	18
FGL043- 04+50N		0.45	0.0023	0.18	1.31	23.6	<0.2	<10	250	0.53	0.27	0.40	0.13	26.3	9.4	21
FGL043- 04+75N		0.47	0.0020	0.20	1.64	14.9	<0.2	<10	330	0.56	0.19	0.55	0.10	29.1	8.8	26
FGL043- 05+00N		0.38	0.0028	0.12	1.34	23.9	<0.2	<10	280	0.32	0.54	0.46	0.19	15.20	7.6	16
FGL043- 05+25N		0.56	0.0009	0.06	1.12	10.0	<0.2	<10	190	0.23	0.19	0.29	0.09	18.30	6.0	20
FGL043- 05+50N		0.29	0.0011	0.23	0.72	5.2	<0.2	<10	210	0.21	0.07	0.52	0.11	11.65	4.7	9
FGL043- 05+75N		0.41	0.0046	0.13	1.59	15.3	<0.2	<10	330	0.52	0.15	0.48	0.10	26.7	9.5	25
FGL043- 06+00N		0.53	0.0023	0.06	1.76	13.8	<0.2	<10	300	0.48	0.19	0.34	0.08	23.6	8.5	27
FGL043- 06+25N		0.50	0.0020	0.14	2.15	12.4	<0.2	<10	190	0.61	0.14	0.27	0.13	24.3	9.0	31
FGL036- 07+75N		0.44	0.0022	0.14	1.59	5.7	<0.2	<10	480	0.71	0.07	0.79	0.11	45.9	5.7	14
FGL036- 08+00NN/S		<0.02	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL036- 08+25N		0.44	0.0023	0.27	2.18	9.1	<0.2	<10	590	0.76	0.14	0.65	0.11	44.6	9.3	29
FGL036- 08+50N		0.38	0.0028	0.17	1.67	5.8	<0.2	<10	470	0.82	0.10	0.30	0.14	57.0	7.1	18
FGL036- 08+75N		0.42	0.0026	0.09	1.58	6.2	<0.2	<10	260	0.41	0.12	0.27	0.05	23.3	6.1	23
FGL036- 09+00N		0.50	0.0009	0.05	1.36	6.8	<0.2	<10	210	0.35	0.14	0.19	0.07	19.80	6.6	14
FGL036- 09+25N		0.43	0.0011	0.09	1.91	6.6	<0.2	<10	350	0.54	0.14	0.24	0.13	28.5	8.9	24
FGL036- 09+50N		0.39	0.0013	0.05	1.60	7.7	<0.2	<10	160	0.26	0.15	0.17	0.09	18.65	7.1	22
FGL036- 09+75N		0.43	0.0006	0.03	1.35	5.5	<0.2	<10	150	0.41	0.10	0.15	0.08	17.25	10.6	15
FGL036- 10+00N		0.46	0.0016	0.08	1.43	4.3	<0.2	<10	260	0.50	0.11	0.20	0.05	22.5	5.2	17
FGL036- 10+25N		0.36	0.0028	0.04	0.99	4.3	<0.2	<10	100	0.17	0.11	0.14	0.07	11.40	3.9	11
FGL036- 10+50N		0.51	0.0056	0.03	1.65	8.4	<0.2	<10	200	0.52	0.12	0.21	0.08	26.9	9.0	26
FGL037- 00+00N		0.33	0.0021	0.19	2.16	20.2	<0.2	<10	900	0.84	0.18	0.43	0.17	34.2	13.0	30
FGL037- 00+25N		0.54	0.0028	0.15	1.76	11.3	<0.2	<10	480	0.75	0.15	0.32	0.08	29.3	9.9	27
FGL037- 00+50N		0.30	0.0011	0.11	1.35	9.0	<0.2	<10	200	0.30	0.10	0.10	0.20	14.45	5.8	17



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Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
FGL043- 00+00N		1.81	16.3	3.06	7.14	<0.05	0.03	0.01	0.025	0.06	13.5	13.2	0.54	495	0.51	0.02
FGL043- 00+25N		1.35	12.1	2.31	6.16	<0.05	0.07	0.01	0.018	0.05	13.0	9.7	0.55	421	0.28	0.02
FGL043- 00+50N		0.83	8.3	1.86	5.09	<0.05	0.02	0.01	0.017	0.04	9.0	10.2	0.43	211	0.34	0.01
FGL043- 00+75N		1.13	11.7	2.27	5.53	<0.05	0.03	0.01	0.019	0.05	10.6	8.7	0.50	292	0.40	0.02
FGL043- 01+00N		1.17	11.2	2.12	5.43	<0.05	0.02	0.01	0.020	0.04	10.7	9.4	0.48	294	0.37	0.02
FGL043- 01+25N		2.14	21.4	2.53	6.68	0.06	0.05	0.04	0.027	0.06	20.0	10.9	0.54	474	0.45	0.02
FGL043- 01+50N		1.70	15.4	2.32	6.05	<0.05	0.03	0.01	0.021	0.04	11.3	9.6	0.56	430	0.33	0.02
FGL043- 01+75N		2.23	18.8	1.79	4.26	<0.05	0.04	0.02	0.021	0.05	13.1	9.0	0.39	274	0.37	0.02
FGL043- 02+00N		3.97	28.7	2.11	5.08	<0.05	0.03	0.03	0.024	0.05	18.1	10.7	0.44	357	0.55	0.02
FGL043- 02+25N		4.44	27.1	2.15	4.61	<0.05	0.03	0.02	0.029	0.05	16.7	8.4	0.43	399	0.55	0.02
FGL043- 02+50N		3.78	17.2	1.82	3.69	<0.05	0.02	0.01	0.018	0.05	12.3	9.2	0.37	421	0.42	0.02
FGL043- 02+75N		6.90	33.3	2.85	7.88	0.05	0.02	0.03	0.026	0.08	12.5	12.3	0.65	607	0.34	0.02
FGL043- 03+00N		7.41	76.6	2.54	6.24	0.05	0.04	0.06	0.040	0.09	20.3	11.8	0.43	444	0.59	0.02
FGL043- 03+25NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL043- 03+50NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL043- 03+75N		4.96	41.6	2.47	6.79	0.05	0.02	0.03	0.030	0.07	19.1	16.1	0.50	437	0.58	0.02
FGL043- 04+00N		4.99	21.1	2.26	5.08	<0.05	0.02	0.04	0.022	0.06	11.7	10.2	0.48	538	0.39	0.02
FGL043- 04+25N		4.71	15.5	2.60	5.42	<0.05	0.03	0.03	0.025	0.05	11.9	10.7	0.54	626	0.43	0.01
FGL043- 04+50N		4.81	19.2	2.40	6.13	0.05	0.04	0.03	0.029	0.07	16.4	14.5	0.56	395	0.46	0.02
FGL043- 04+75N		6.02	20.5	2.41	6.35	<0.05	0.03	0.02	0.025	0.04	6.7	9.5	0.64	519	0.39	0.02
FGL043- 05+00N		3.09	11.4	1.89	4.44	<0.05	0.04	0.01	0.017	0.04	9.1	11.3	0.52	292	0.30	0.02
FGL043- 05+25N		1.96	11.7	1.26	2.91	<0.05	0.02	0.05	0.010	0.03	5.3	3.4	0.19	333	0.18	0.03
FGL043- 05+50N		4.00	19.4	2.41	5.61	<0.05	0.04	0.04	0.023	0.05	16.4	10.8	0.60	443	0.39	0.02
FGL043- 05+75N		4.22	16.8	2.50	6.06	<0.05	0.03	0.01	0.025	0.06	12.4	14.1	0.63	394	0.45	0.02
FGL043- 06+00N		1.89	19.0	2.63	6.13	<0.05	0.05	0.02	0.026	0.07	11.3	14.2	0.56	300	0.56	0.02
FGL036- 07+75N		3.46	16.1	2.17	5.81	0.11	0.05	0.04	0.021	0.08	46.0	8.1	0.39	301	0.29	0.03
FGL036- 08+00NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL036- 08+25N		1.66	29.4	2.52	6.81	0.07	0.03	0.04	0.028	0.06	23.7	12.5	0.51	443	0.43	0.02
FGL036- 08+50N		2.08	26.5	2.10	5.92	0.08	<0.02	0.03	0.019	0.07	34.4	8.9	0.37	688	0.43	0.02
FGL036- 08+75N		1.37	11.2	2.11	6.00	<0.05	<0.02	0.02	0.017	0.05	11.9	10.1	0.43	356	0.46	0.02
FGL036- 09+00N		1.50	9.2	2.10	4.84	<0.05	<0.02	0.02	0.016	0.05	8.6	9.1	0.41	423	0.33	0.02
FGL036- 09+25N		1.76	21.2	2.36	7.03	<0.05	<0.02	0.02	0.025	0.05	13.2	11.4	0.42	634	0.68	0.02
FGL036- 09+50N		1.13	9.8	2.64	7.59	<0.05	<0.02	0.01	0.018	0.05	8.8	11.4	0.45	340	0.84	0.01
FGL036- 09+75N		1.04	11.5	1.86	6.83	<0.05	<0.02	0.02	0.013	0.05	7.9	11.0	0.42	634	0.51	0.01
FGL036- 10+00N		0.93	16.6	1.53	5.17	0.05	<0.02	0.03	0.014	0.05	13.3	7.7	0.28	259	0.43	0.02
FGL036- 10+25N		0.72	11.6	1.36	5.27	<0.05	<0.02	0.01	0.013	0.04	6.1	7.4	0.22	138	0.46	0.02
FGL036- 10+50N		1.09	18.9	2.13	5.72	<0.05	0.03	0.02	0.022	0.06	10.4	11.9	0.49	285	0.51	0.01
FGL037- 00+00N		3.17	29.7	2.97	8.60	0.05	0.02	0.04	0.033	0.10	18.6	13.2	0.45	791	0.97	0.01
FGL037- 00+25N		2.54	21.5	2.53	6.91	<0.05	<0.02	0.02	0.027	0.07	16.5	12.3	0.48	519	0.60	0.01
FGL037- 00+50N		2.09	10.4	1.77	5.99	<0.05	<0.02	0.02	0.016	0.06	7.4	7.9	0.29	183	0.45	0.01

***** See Appendix Page for comments regarding this certificate *****



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 Finalized Date: 15-OCT-2016
 Account: TELOEX

Project: ALSM-CW15-015-TELOEX

CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Nb ppm 0.05	Ni ppm 0.2	P ppm 10	Pb ppm 0.2	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	Th ppm 0.2
FGL043-00+00N		0.90	14.2	920	10.4	8.0	<0.001	<0.01	0.54	4.2	0.3	0.5	27.7	<0.01	0.03	2.3
FGL043-00+25N		0.59	12.5	1170	9.8	5.9	<0.001	<0.01	0.50	3.7	0.4	0.4	34.6	<0.01	0.02	2.9
FGL043-00+50N		0.99	10.2	480	10.2	8.1	<0.001	<0.01	0.33	2.5	<0.2	0.4	22.0	<0.01	0.02	2.0
FGL043-00+75N		0.74	11.4	1030	10.5	5.6	<0.001	<0.01	0.57	3.1	0.2	0.4	30.1	<0.01	0.01	2.4
FGL043-01+00N		0.76	10.3	820	11.3	5.2	<0.001	<0.01	0.61	3.0	0.3	0.4	30.0	<0.01	0.02	2.1
FGL043-01+25N		0.76	13.7	1120	17.1	6.9	<0.001	0.02	0.91	4.7	0.9	0.4	42.2	<0.01	0.02	1.9
FGL043-01+50N		0.75	9.6	640	15.3	5.1	<0.001	<0.01	3.04	3.2	0.2	0.4	29.3	<0.01	0.02	2.1
FGL043-01+75N		0.95	12.0	600	11.0	5.7	<0.001	0.01	0.93	3.0	0.5	0.3	35.0	<0.01	0.03	1.7
FGL043-02+00N		0.77	12.0	820	19.1	6.9	<0.001	0.01	1.42	3.5	0.4	0.3	35.2	<0.01	0.03	1.7
FGL043-02+25N		0.62	9.6	870	24.4	5.8	<0.001	0.01	1.65	3.4	0.4	0.3	27.8	<0.01	0.03	2.2
FGL043-02+50N		0.55	8.5	500	21.7	5.6	<0.001	<0.01	1.17	2.4	0.2	0.2	23.0	<0.01	0.03	2.5
FGL043-02+75N		0.65	10.7	1250	18.6	10.9	<0.001	0.01	1.51	4.3	0.2	0.4	32.8	<0.01	0.05	1.8
FGL043-03+00N		0.81	14.2	720	31.8	12.5	<0.001	0.03	2.37	4.5	0.4	0.4	54.8	<0.01	0.10	1.3
FGL043-03+25NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL043-03+50NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL043-03+75N		1.19	16.9	530	21.2	10.9	<0.001	0.02	1.12	4.3	0.7	0.5	44.8	<0.01	0.03	1.6
FGL043-04+00N		0.67	10.6	640	19.9	9.0	<0.001	0.02	2.40	3.1	0.4	0.3	41.2	<0.01	0.05	1.3
FGL043-04+25N		0.72	12.9	540	23.4	7.9	<0.001	0.01	3.47	4.0	0.3	0.4	29.6	<0.01	0.07	2.0
FGL043-04+50N		1.09	18.1	740	15.2	9.2	<0.001	0.02	1.19	4.9	0.5	0.5	37.0	<0.01	0.05	2.1
FGL043-04+75N		0.48	9.3	640	31.3	8.0	<0.001	0.02	8.56	2.8	0.2	0.4	38.3	<0.01	0.08	1.3
FGL043-05+00N		1.01	12.6	310	14.3	5.7	<0.001	0.01	2.47	2.8	0.3	0.4	21.2	<0.01	0.03	2.2
FGL043-05+25N		0.37	5.7	690	4.9	2.8	<0.001	0.04	1.23	1.4	0.4	0.2	32.6	<0.01	0.02	0.5
FGL043-05+50N		0.92	14.6	660	11.1	7.7	<0.001	0.02	1.58	4.3	0.5	0.4	30.7	<0.01	0.02	1.9
FGL043-05+75N		1.04	16.1	340	21.3	7.7	<0.001	<0.01	1.30	4.1	0.3	0.5	24.2	<0.01	0.03	2.7
FGL043-06+00N		1.56	18.6	530	10.6	9.4	<0.001	0.01	0.65	4.1	0.4	0.5	21.1	<0.01	0.03	3.4
FGL036-07+75N		0.51	8.7	780	6.0	7.8	<0.001	0.04	0.38	4.1	1.4	0.3	68.5	<0.01	0.02	1.9
FGL036-08+00NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL036-08+25N		0.92	18.5	850	8.8	7.3	<0.001	0.03	0.46	4.6	1.1	0.4	55.4	<0.01	0.03	1.4
FGL036-08+50N		0.56	11.3	440	11.8	9.0	<0.001	0.01	0.31	3.6	1.2	0.3	29.9	<0.01	0.03	0.5
FGL036-08+75N		0.97	11.1	380	6.7	7.9	<0.001	0.01	0.25	3.1	0.5	0.4	22.0	<0.01	0.01	1.1
FGL036-09+00N		0.61	7.7	330	21.0	7.1	<0.001	0.01	0.48	2.2	0.3	0.3	17.9	<0.01	0.03	0.8
FGL036-09+25N		0.85	11.8	420	8.9	8.1	<0.001	0.01	0.29	2.9	0.4	0.5	24.4	<0.01	0.02	0.6
FGL036-09+50N		1.34	10.7	290	8.3	7.9	<0.001	<0.01	0.41	2.7	0.2	0.6	17.8	<0.01	0.02	1.4
FGL036-09+75N		0.87	8.8	310	6.0	11.3	0.001	0.01	0.30	2.2	<0.2	0.4	19.4	<0.01	0.01	0.5
FGL036-10+00N		0.80	9.5	330	5.6	6.5	0.001	0.01	0.19	2.9	<0.2	0.4	20.0	<0.01	0.02	0.6
FGL036-10+25N		0.96	6.3	230	5.2	6.1	0.001	0.01	0.20	1.6	<0.2	0.4	18.1	<0.01	0.02	0.5
FGL036-10+50N		1.14	18.9	270	9.5	7.1	0.002	0.01	0.49	4.0	0.4	0.5	20.9	<0.01	0.04	3.1
FGL037-00+00N		1.25	19.2	430	10.8	17.2	0.002	0.02	0.63	4.9	0.6	0.6	59.4	<0.01	0.03	1.4
FGL037-00+25N		1.20	16.2	380	8.8	11.6	0.001	0.01	0.42	4.5	0.6	0.5	34.5	<0.01	0.09	2.1
FGL037-00+50N		0.99	10.3	280	5.2	9.8	0.002	0.01	0.34	2.4	0.2	0.4	12.4	<0.01	0.01	0.8



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 Finalized Date: 15- OCT- 2016
 Account: TELOEX

Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL043- 00+00N		0.075	0.08	0.50	60	0.13	5.97	79	1.2
FGL043- 00+25N		0.086	0.06	0.39	49	0.10	5.74	76	3.6
FGL043- 00+50N		0.065	0.06	0.31	44	0.36	3.14	50	0.8
FGL043- 00+75N		0.057	0.07	0.35	46	0.11	4.87	74	1.5
FGL043- 01+00N		0.052	0.06	0.34	42	0.10	4.75	68	1.0
FGL043- 01+25N		0.058	0.07	0.62	49	0.12	14.90	86	1.5
FGL043- 01+50N		0.088	0.05	0.31	49	0.10	4.78	84	1.4
FGL043- 01+75N		0.052	0.06	0.42	37	0.20	6.53	49	1.1
FGL043- 02+00N		0.043	0.09	0.54	39	0.13	8.17	72	0.9
FGL043- 02+25N		0.036	0.07	0.42	37	0.12	7.70	102	1.0
FGL043- 02+50N		0.036	0.07	0.31	29	0.10	4.96	108	1.0
FGL043- 02+75N		0.059	0.09	0.33	49	0.09	8.65	175	0.8
FGL043- 03+00N		0.035	0.14	0.63	46	0.18	13.85	148	1.3
FGL043- 03+25NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL043- 03+50NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL043- 03+75N		0.051	0.17	0.74	54	0.17	11.00	70	0.7
FGL043- 04+00N		0.037	0.16	0.43	42	0.13	6.32	84	0.8
FGL043- 04+25N		0.037	0.20	0.56	45	0.17	6.68	85	0.9
FGL043- 04+50N		0.052	0.17	0.72	49	0.17	8.28	61	1.1
FGL043- 04+75N		0.021	0.18	0.41	44	0.15	3.26	96	0.9
FGL043- 05+00N		0.060	0.10	0.34	40	0.14	3.39	56	1.3
FGL043- 05+25N		0.039	0.08	0.29	35	0.07	3.25	26	0.9
FGL043- 05+50N		0.052	0.15	0.98	49	0.14	10.05	59	1.2
FGL043- 05+75N		0.061	0.12	0.45	53	0.15	6.21	66	1.1
FGL043- 06+00N		0.082	0.10	0.53	57	0.21	4.93	57	2.3
FGL036- 07+75N		0.027	0.07	1.60	44	0.11	33.2	52	1.4
FGL036- 08+00NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL036- 08+25N		0.047	0.08	2.36	56	0.21	17.95	50	1.1
FGL036- 08+50N		0.033	0.06	1.02	45	0.14	19.95	45	<0.5
FGL036- 08+75N		0.065	0.08	0.50	56	0.16	7.04	40	<0.5
FGL036- 09+00N		0.031	0.06	0.43	41	0.13	4.21	48	<0.5
FGL036- 09+25N		0.048	0.09	0.66	59	0.20	7.32	45	<0.5
FGL036- 09+50N		0.077	0.07	0.39	68	0.17	2.98	45	0.5
FGL036- 09+75N		0.037	0.07	0.44	44	0.17	3.90	39	<0.5
FGL036- 10+00N		0.042	0.06	0.48	41	0.15	12.80	27	<0.5
FGL036- 10+25N		0.045	0.05	0.29	40	0.13	2.36	23	<0.5
FGL036- 10+50N		0.061	0.09	0.53	48	0.14	3.86	45	1.3
FGL037- 00+00N		0.052	0.13	0.68	67	0.19	9.88	56	0.6
FGL037- 00+25N		0.060	0.09	0.59	57	0.32	7.87	58	0.6
FGL037- 00+50N		0.050	0.10	0.31	45	0.12	3.04	39	<0.5



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 Finalized Date: 15-OCT-2016
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CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ST43	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
FGL037- 00+75N		0.47	0.0009	0.08	1.58	10.1	<0.2	<10	180	0.50	0.15	0.15	0.11	20.0	7.9	25
FGL037- 01+00N		0.45	0.0016	0.03	2.00	10.0	<0.2	<10	230	0.46	0.12	0.22	0.09	22.4	9.3	26
FGL037- 01+25N		0.46	0.0013	0.05	1.66	8.1	<0.2	<10	180	0.42	0.11	0.21	0.10	16.35	8.0	23
FGL037- 01+50N		0.44	0.0013	0.06	1.67	10.9	<0.2	<10	230	0.33	0.15	0.18	0.15	17.55	7.8	25
FGL037- 01+75N		0.44	0.0024	0.14	1.22	9.6	<0.2	<10	330	0.34	0.44	0.20	0.23	17.85	8.0	19
FGL037- 02+00N		0.40	0.0024	0.19	1.47	11.9	<0.2	<10	340	0.44	0.20	0.22	0.24	19.70	7.1	21
FGL037- 02+25N		0.46	0.0016	0.13	1.91	10.3	<0.2	<10	240	0.34	0.17	0.23	0.21	18.50	9.0	29
FGL037- 02+50N		0.48	0.0014	0.05	1.79	10.7	<0.2	<10	200	0.43	0.15	0.22	0.12	20.2	8.8	27
FGL037- 02+75N		0.42	0.0015	0.09	1.40	6.7	<0.2	<10	170	0.40	0.11	0.20	0.11	20.0	7.5	21
FGL037- 03+00N		0.41	0.0036	0.04	1.68	9.2	<0.2	<10	190	0.32	0.15	0.19	0.13	20.0	7.8	26
FGL037- 03+25N		0.42	0.0016	0.02	1.80	8.2	<0.2	<10	180	0.35	0.11	0.21	0.13	18.65	9.6	24
FGL037- 03+50N		0.36	0.0016	0.06	1.73	9.3	<0.2	<10	250	0.58	0.12	0.28	0.10	22.7	7.8	26
FGL040- 00+00N		0.45	0.0007	0.13	1.69	7.7	<0.2	<10	340	0.46	0.15	0.19	0.22	19.15	8.5	22
FGL040- 00+25N		0.61	0.0008	0.03	1.77	19.1	<0.2	<10	360	0.43	0.07	0.15	0.09	26.2	8.5	16
FGL040- 00+50N		0.46	0.0011	0.03	1.90	12.4	<0.2	<10	370	0.45	0.14	0.18	0.15	20.8	8.8	26
FGL040- 00+75N		0.63	0.0003	0.04	1.42	10.4	<0.2	<10	150	0.37	0.12	0.11	0.18	24.0	12.3	20
FGL040- 01+00N		0.56	0.0002	0.03	1.42	18.7	<0.2	<10	220	0.41	0.09	0.14	0.11	16.60	8.5	16
FGL040- 01+25N		0.53	0.0107	0.04	2.44	12.4	<0.2	<10	300	0.45	0.17	0.18	0.11	22.7	10.3	28
FGL040- 01+50N		0.46	0.0011	0.07	1.34	5.5	<0.2	<10	370	0.26	0.09	0.10	0.08	12.05	4.6	15
FGL040- 01+75N		0.62	0.0081	1.11	2.36	11.3	<0.2	<10	230	0.61	0.13	0.17	0.15	17.75	10.5	28
FGL040- 02+00N		0.39	0.0014	0.11	2.31	11.9	<0.2	<10	240	0.61	0.16	0.21	0.12	22.4	11.8	33
FGL040- 02+25N		0.39	0.0013	0.14	1.76	8.3	<0.2	<10	240	0.49	0.15	0.20	0.21	28.3	7.8	25
FGL040- 02+50N		0.61	0.0029	0.05	2.09	8.8	<0.2	<10	220	0.44	0.13	0.19	0.15	17.60	9.1	22
FGL040- 02+75N		0.54	0.0012	0.08	1.95	9.1	<0.2	<10	170	0.42	0.12	0.18	0.11	16.80	9.2	25
FGL040- 03+00N		0.32	0.0013	0.94	2.16	12.0	<0.2	<10	200	0.36	0.16	0.18	0.20	19.40	9.9	27
FGL040- 03+25N		0.57	0.0057	0.51	1.98	14.7	<0.2	<10	320	0.43	0.99	0.18	0.56	21.0	8.9	25
FGL040- 03+50N		0.48	0.0061	0.57	1.82	17.2	<0.2	<10	200	0.47	2.92	0.19	0.90	19.70	10.1	27
FGL040- 03+75N		0.43	0.0040	0.80	1.62	14.4	<0.2	<10	390	0.42	0.38	0.23	0.70	22.2	7.4	22
FGL040- 04+00N		0.63	0.0021	0.10	2.09	10.7	<0.2	<10	180	0.52	0.14	0.19	0.22	22.1	9.6	31
FGL041- 03+75N		0.38	0.0065	0.07	1.04	6.8	<0.2	<10	230	0.14	0.11	0.17	0.12	12.55	4.9	16
FGL041- 04+00N		0.63	0.0014	0.10	1.72	9.5	<0.2	<10	470	0.36	0.12	0.28	0.11	22.5	7.2	27
FGL041- 04+25N		0.38	0.0099	0.10	0.88	3.6	<0.2	<10	310	0.17	0.06	0.24	0.10	12.90	4.5	13
FGL041- 04+50N		0.45	0.0012	0.08	1.48	6.5	<0.2	<10	380	0.31	0.10	0.23	0.14	18.45	6.0	20
FGL041- 04+75N		0.31	0.0004	0.11	0.51	1.3	<0.2	<10	110	0.10	0.04	0.16	0.04	5.07	1.1	5
FGL041- 05+00N		0.52	0.0154	0.27	1.07	36.4	<0.2	<10	300	0.33	0.81	0.24	0.37	19.85	6.4	16
FGL041- 05+25N		0.44	0.0169	0.06	1.88	12.4	<0.2	<10	270	0.43	0.10	0.31	0.10	19.90	8.4	25
FGL041- 05+50N		0.50	0.0025	0.11	1.52	7.4	<0.2	<10	490	0.51	0.13	0.40	0.06	27.4	7.7	25
FGL041- 05+75N		0.39	0.0009	0.07	0.84	3.6	<0.2	<10	190	0.22	0.06	0.24	0.09	11.45	4.3	11
FGL041- 06+00N		0.50	0.0015	0.07	1.27	6.9	<0.2	<10	170	0.27	0.11	0.37	0.12	15.60	5.6	18
FGL046- 00+00N		0.49	0.0034	0.20	1.84	15.6	<0.2	<10	300	0.40	0.44	0.22	0.14	23.2	7.8	28



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Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs ppm 0.05	Cu ppm 0.2	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.2	Li ppm 0.1	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01
FGL037- 00+75N		1.52	12.2	2.26	7.06	<0.05	0.02	0.02	0.025	0.06	9.9	12.9	0.42	251	0.58	0.01
FGL037- 01+00N		1.63	17.2	2.35	6.37	<0.05	0.03	0.03	0.024	0.06	10.1	12.6	0.51	263	0.43	0.01
FGL037- 01+25N		1.32	12.7	2.12	6.29	<0.05	0.02	0.02	0.021	0.06	7.9	12.4	0.45	247	0.47	0.01
FGL037- 01+50N		1.45	13.1	2.32	6.51	<0.05	0.03	0.02	0.021	0.06	8.8	14.4	0.44	237	0.65	0.01
FGL037- 01+75N		2.18	15.7	1.89	5.43	<0.05	<0.02	0.01	0.021	0.06	9.6	10.3	0.38	395	0.47	0.01
FGL037- 02+00N		2.04	18.5	2.01	5.83	<0.05	0.02	0.02	0.024	0.07	10.2	9.4	0.35	283	0.46	0.02
FGL037- 02+25N		1.64	15.4	2.53	6.63	<0.05	0.03	0.03	0.027	0.07	9.2	14.9	0.53	308	0.54	0.01
FGL037- 02+50N		1.58	15.9	2.38	6.93	<0.05	0.03	0.02	0.027	0.06	10.1	14.8	0.52	276	0.55	0.01
FGL037- 02+75N		1.24	15.3	2.02	5.91	<0.05	0.02	0.02	0.020	0.05	10.2	10.6	0.38	228	0.45	0.01
FGL037- 03+00N		1.23	10.7	2.21	6.86	<0.05	0.04	0.01	0.022	0.06	10.2	15.5	0.50	241	0.45	0.01
FGL037- 03+25N		1.41	12.3	2.24	6.41	<0.05	0.06	0.02	0.021	0.07	8.8	13.0	0.50	306	0.42	0.01
FGL037- 03+50N		1.37	17.5	2.24	6.28	<0.05	0.02	0.02	0.023	0.06	13.7	14.1	0.51	298	0.48	0.01
FGL040- 00+00N		1.84	20.6	2.31	7.97	<0.05	0.02	0.02	0.027	0.07	10.1	13.7	0.34	457	0.66	0.01
FGL040- 00+25N		4.55	8.3	2.53	6.38	<0.05	0.02	0.02	0.025	0.07	14.0	10.1	0.44	365	0.42	0.01
FGL040- 00+50N		1.84	18.1	2.48	6.69	<0.05	0.02	0.01	0.023	0.07	9.9	15.0	0.44	236	0.66	0.01
FGL040- 00+75N		2.96	12.9	2.86	6.17	<0.05	<0.02	0.02	0.026	0.07	11.6	13.3	0.28	695	0.67	0.01
FGL040- 01+00N		6.83	10.6	3.02	5.83	<0.05	<0.02	0.01	0.029	0.07	7.6	9.5	0.29	463	0.51	0.01
FGL040- 01+25N		3.47	24.8	2.60	7.08	<0.05	0.04	0.01	0.031	0.06	9.1	14.1	0.53	271	0.61	0.01
FGL040- 01+50N		0.95	12.9	1.80	6.03	<0.05	0.03	0.01	0.015	0.04	6.3	9.8	0.30	154	0.40	0.01
FGL040- 01+75N		2.58	15.3	2.53	7.06	<0.05	0.09	0.02	0.032	0.07	8.7	15.0	0.58	325	0.60	0.01
FGL040- 02+00N		1.54	21.5	2.63	6.84	<0.05	0.09	0.02	0.031	0.07	10.7	15.0	0.55	305	0.72	0.01
FGL040- 02+25N		1.51	19.3	2.10	6.27	<0.05	0.03	0.02	0.024	0.05	15.8	11.3	0.39	255	0.60	0.01
FGL040- 02+50N		2.21	14.2	2.71	8.78	<0.05	0.05	0.02	0.026	0.07	8.1	15.9	0.54	327	0.51	0.01
FGL040- 02+75N		1.97	17.6	2.56	7.11	<0.05	0.04	0.02	0.025	0.06	8.6	17.4	0.52	235	0.69	0.01
FGL040- 03+00N		1.98	18.4	2.67	7.81	<0.05	0.05	0.02	0.029	0.06	9.6	15.6	0.44	257	0.73	0.01
FGL040- 03+25N		5.35	31.4	3.00	8.44	<0.05	0.04	0.03	0.032	0.06	10.1	19.7	0.40	272	0.87	0.01
FGL040- 03+50N		3.33	37.2	2.48	5.40	<0.05	0.02	0.02	0.048	0.09	9.0	12.5	0.45	436	0.86	0.01
FGL040- 03+75N		3.06	13.2	2.06	6.26	<0.05	<0.02	0.04	0.086	0.06	10.8	11.2	0.37	559	0.55	0.01
FGL040- 04+00N		2.44	19.6	2.57	6.65	<0.05	0.09	0.02	0.025	0.07	9.4	15.0	0.53	260	0.68	0.01
FGL041- 03+75N		1.74	9.1	1.58	4.80	<0.05	<0.02	<0.01	0.012	0.05	6.0	7.6	0.28	285	0.82	0.02
FGL041- 04+00N		2.38	21.1	2.37	5.54	<0.05	0.02	0.01	0.022	0.07	11.2	14.0	0.52	258	0.57	0.01
FGL041- 04+25N		1.26	12.3	1.45	3.29	<0.05	<0.02	<0.01	0.010	0.04	6.7	5.6	0.23	287	0.36	0.02
FGL041- 04+50N		2.01	17.8	1.85	4.95	<0.05	<0.02	0.01	0.017	0.05	9.7	10.3	0.36	249	0.50	0.02
FGL041- 04+75N		1.16	7.9	0.56	2.19	<0.05	<0.02	0.02	0.005	0.03	2.6	2.2	0.07	40	0.20	0.03
FGL041- 05+00N		4.70	11.7	2.26	3.45	<0.05	<0.02	0.03	0.022	0.06	10.2	7.7	0.26	507	0.64	0.01
FGL041- 05+25N		11.85	14.8	2.64	6.13	<0.05	<0.02	0.01	0.025	0.06	8.7	13.9	0.52	306	0.44	0.01
FGL041- 05+50N		1.64	18.6	2.02	4.63	<0.05	0.04	0.03	0.020	0.05	14.0	10.2	0.44	326	0.38	0.02
FGL041- 05+75N		2.39	12.5	1.26	3.21	<0.05	<0.02	0.04	0.008	0.04	5.4	5.5	0.25	166	0.19	0.02
FGL041- 06+00N		2.39	13.7	1.87	4.80	<0.05	<0.02	0.01	0.012	0.05	7.2	9.0	0.32	264	0.47	0.02
FGL046- 00+00N		2.75	16.8	2.49	5.56	<0.05	0.04	0.02	0.031	0.08	11.0	13.3	0.47	259	0.63	0.01



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CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Units		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL037- 00+75N		1.53	15.1	360	7.5	12.4	0.001	0.01	0.35	3.6	0.4	0.6	14.8	<0.01	0.01	1.9
FGL037- 01+00N		1.28	20.0	280	6.5	8.3	0.002	0.01	0.44	4.0	0.3	0.5	26.7	<0.01	0.02	2.3
FGL037- 01+25N		1.28	15.5	300	6.4	7.4	0.002	0.01	0.32	3.4	0.2	0.5	21.4	<0.01	0.01	1.9
FGL037- 01+50N		1.48	16.0	230	11.0	8.9	0.002	0.01	0.47	3.4	<0.2	0.5	19.4	<0.01	0.01	2.3
FGL037- 01+75N		1.22	12.1	270	27.1	10.0	0.001	0.01	0.90	2.9	<0.2	0.4	20.5	<0.01	0.02	1.6
FGL037- 02+00N		1.08	12.8	440	19.6	9.3	0.001	0.02	0.66	3.5	0.2	0.4	22.4	<0.01	0.03	1.5
FGL037- 02+25N		1.44	16.7	370	14.7	9.7	0.002	0.01	0.44	3.8	0.2	0.5	22.4	<0.01	0.02	2.1
FGL037- 02+50N		1.32	17.5	310	14.2	10.0	0.002	0.01	0.49	4.0	0.3	0.5	23.7	<0.01	0.02	2.4
FGL037- 02+75N		1.16	12.8	400	12.2	9.6	0.001	0.01	0.33	3.2	0.3	0.4	19.7	<0.01	0.01	1.6
FGL037- 03+00N		1.41	15.3	230	9.6	9.1	0.002	0.01	0.31	3.7	0.2	0.6	18.7	<0.01	0.03	2.5
FGL037- 03+25N		1.31	16.8	340	13.1	8.3	0.001	0.01	0.39	3.3	0.2	0.4	19.4	<0.01	0.01	2.3
FGL037- 03+50N		1.24	16.5	380	18.6	8.4	0.001	0.01	0.36	4.3	0.2	0.5	28.3	<0.01	0.03	2.3
FGL040- 00+00N		1.55	11.9	280	8.2	11.4	0.002	0.01	0.31	3.5	0.2	0.6	24.8	<0.01	0.03	1.8
FGL040- 00+25N		0.59	9.9	280	13.2	10.3	0.002	0.01	0.67	3.1	0.2	0.3	17.7	<0.01	0.04	2.5
FGL040- 00+50N		1.46	17.4	260	7.8	10.0	0.001	0.01	0.49	3.9	<0.2	0.6	20.1	<0.01	0.02	2.2
FGL040- 00+75N		1.13	10.4	670	7.5	12.1	0.002	0.01	0.50	3.0	<0.2	0.5	9.8	<0.01	0.02	1.6
FGL040- 01+00N		0.78	9.8	480	10.6	11.9	0.001	0.01	1.00	3.5	<0.2	0.4	16.0	<0.01	0.03	1.5
FGL040- 01+25N		1.36	22.4	220	9.2	10.6	0.001	0.01	0.52	4.2	0.4	0.5	21.7	<0.01	0.05	3.3
FGL040- 01+50N		0.99	7.6	170	4.7	4.8	0.002	0.01	0.31	2.1	0.2	0.4	11.8	<0.01	0.01	1.6
FGL040- 01+75N		1.24	20.3	250	8.2	10.7	0.001	0.01	0.44	4.7	<0.2	0.5	16.0	<0.01	0.09	3.1
FGL040- 02+00N		1.63	25.0	350	8.6	10.3	0.002	0.01	0.46	4.8	0.6	0.6	21.8	<0.01	0.02	4.0
FGL040- 02+25N		1.42	16.6	350	8.9	9.7	0.001	0.01	0.33	3.9	0.3	0.6	18.7	<0.01	0.04	2.1
FGL040- 02+50N		1.17	13.7	350	7.0	12.5	0.001	0.01	0.37	4.2	0.2	0.7	19.7	<0.01	0.03	2.4
FGL040- 02+75N		1.62	18.7	250	6.9	9.6	0.001	0.01	0.37	3.7	0.3	0.5	19.3	<0.01	0.03	2.1
FGL040- 03+00N		1.67	19.2	290	8.1	10.1	0.002	0.01	0.47	3.9	0.4	0.6	22.2	<0.01	0.02	2.8
FGL040- 03+25N		1.84	15.6	250	26.8	9.5	0.002	0.01	1.49	3.8	0.6	0.7	22.0	<0.01	0.04	2.5
FGL040- 03+50N		1.28	17.7	330	86.4	11.8	0.001	0.05	3.07	3.6	0.2	0.4	19.7	<0.01	0.08	2.4
FGL040- 03+75N		1.10	11.9	370	154.5	10.2	0.001	0.01	0.97	3.0	0.2	0.5	21.0	<0.01	0.02	1.3
FGL040- 04+00N		1.42	21.6	270	21.9	10.5	0.002	0.01	0.42	4.4	0.5	0.6	18.5	<0.01	0.03	3.4
FGL041- 03+75N		0.96	8.2	270	10.7	12.1	<0.001	<0.01	0.24	1.6	0.2	0.4	16.2	<0.01	0.02	0.5
FGL041- 04+00N		1.33	17.4	440	15.5	8.7	<0.001	<0.01	0.35	3.4	0.4	0.5	21.2	<0.01	0.03	2.0
FGL041- 04+25N		0.57	6.7	490	13.4	6.3	<0.001	0.01	0.17	1.3	0.3	0.3	17.4	<0.01	0.02	0.4
FGL041- 04+50N		1.00	12.0	380	11.9	8.2	<0.001	0.01	0.22	2.1	0.4	0.4	21.0	<0.01	0.02	0.7
FGL041- 04+75N		0.33	2.5	300	2.7	3.5	<0.001	0.02	0.06	0.3	0.3	0.2	19.6	<0.01	0.01	<0.2
FGL041- 05+00N		0.58	9.5	730	69.3	7.9	<0.001	0.02	2.12	1.8	0.6	0.3	25.0	<0.01	0.22	0.4
FGL041- 05+25N		1.11	16.0	460	9.1	7.5	<0.001	<0.01	0.44	3.5	0.6	0.5	23.1	<0.01	0.03	1.3
FGL041- 05+50N		0.96	16.1	800	8.8	6.0	<0.001	0.02	0.41	3.5	0.8	0.4	27.5	<0.01	0.03	1.2
FGL041- 05+75N		0.62	6.3	460	5.0	4.6	<0.001	0.01	0.21	1.4	0.3	0.3	17.4	<0.01	0.01	0.6
FGL041- 06+00N		0.83	10.7	530	6.7	7.6	<0.001	0.01	0.34	1.7	0.4	0.4	22.9	<0.01	0.02	0.4
FGL046- 00+00N		1.49	18.2	280	26.7	9.0	<0.001	<0.01	0.80	3.5	0.5	0.5	19.2	<0.01	0.10	3.0



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		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL037- 00+75N		0.082	0.09	0.46	59	0.21	3.81	45	0.8
FGL037- 01+00N		0.073	0.09	0.41	52	0.14	3.73	54	1.4
FGL037- 01+25N		0.072	0.09	0.35	51	0.15	3.16	47	1.0
FGL037- 01+50N		0.073	0.09	0.37	57	0.15	3.16	52	1.7
FGL037- 01+75N		0.056	0.09	0.34	43	0.18	3.74	67	0.7
FGL037- 02+00N		0.062	0.10	0.48	49	0.19	4.89	65	0.6
FGL037- 02+25N		0.082	0.10	0.42	59	0.15	4.04	67	1.3
FGL037- 02+50N		0.079	0.10	0.44	56	0.16	3.78	60	1.2
FGL037- 02+75N		0.079	0.07	0.49	54	0.15	4.23	50	0.8
FGL037- 03+00N		0.082	0.08	0.41	54	0.17	3.76	49	1.8
FGL037- 03+25N		0.074	0.07	0.35	51	0.15	3.26	57	2.4
FGL037- 03+50N		0.069	0.08	0.49	53	0.14	6.00	56	1.2
FGL040- 00+00N		0.066	0.09	0.41	58	0.21	3.67	52	0.8
FGL040- 00+25N		0.016	0.09	0.23	40	0.08	3.14	67	0.8
FGL040- 00+50N		0.057	0.09	0.39	55	0.15	3.21	50	0.9
FGL040- 00+75N		0.043	0.09	0.28	54	0.16	2.90	94	<0.5
FGL040- 01+00N		0.024	0.11	0.23	51	0.12	3.73	86	<0.5
FGL040- 01+25N		0.053	0.11	0.43	55	0.15	3.37	58	2.1
FGL040- 01+50N		0.032	0.06	0.23	45	0.12	2.00	37	1.6
FGL040- 01+75N		0.075	0.13	0.42	55	0.13	3.31	61	4.0
FGL040- 02+00N		0.088	0.13	0.65	59	0.19	4.18	50	4.0
FGL040- 02+25N		0.072	0.09	0.52	52	0.33	7.02	40	0.9
FGL040- 02+50N		0.059	0.09	0.32	59	0.10	3.40	76	2.0
FGL040- 02+75N		0.085	0.09	0.42	57	0.15	3.00	48	1.9
FGL040- 03+00N		0.076	0.10	0.42	64	0.16	2.96	52	2.3
FGL040- 03+25N		0.062	0.15	0.40	64	0.17	3.39	122	2.7
FGL040- 03+50N		0.061	0.19	0.38	49	0.15	3.53	148	1.0
FGL040- 03+75N		0.047	0.12	0.38	50	0.19	3.67	221	<0.5
FGL040- 04+00N		0.083	0.11	0.50	58	0.15	3.58	58	3.9
FGL041- 03+75N		0.057	0.09	0.23	44	0.12	1.94	41	<0.5
FGL041- 04+00N		0.067	0.10	0.41	53	0.22	4.38	58	0.8
FGL041- 04+25N		0.047	0.06	0.26	40	0.09	2.46	40	<0.5
FGL041- 04+50N		0.049	0.09	0.38	45	0.15	3.25	41	<0.5
FGL041- 04+75N		0.025	0.04	0.19	15	0.05	1.06	10	<0.5
FGL041- 05+00N		0.032	0.18	0.34	34	0.10	5.18	128	<0.5
FGL041- 05+25N		0.046	0.13	0.38	54	0.17	4.67	58	<0.5
FGL041- 05+50N		0.053	0.09	0.86	47	0.13	11.55	44	0.9
FGL041- 05+75N		0.041	0.05	0.22	33	0.07	2.54	30	<0.5
FGL041- 06+00N		0.056	0.07	0.32	47	0.17	3.06	39	<0.5
FGL046- 00+00N		0.067	0.12	0.46	55	0.23	4.34	56	2.0



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CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
FGL046- 00+ 25N		0.42	0.0018	0.15	1.60	20.7	<0.2	<10	240	0.29	1.31	0.18	0.13	17.40	6.3	25
FGL046- 00+ 50N		0.33	0.0021	0.12	1.98	14.5	<0.2	<10	250	0.38	0.36	0.21	0.11	21.7	9.6	32
FGL046- 00+ 75N		0.50	0.0018	0.41	2.03	12.8	<0.2	<10	390	0.47	0.56	0.27	0.10	21.7	8.1	31
FGL046- 01+ 00N		0.40	0.0024	0.37	1.93	21.3	<0.2	<10	200	0.42	1.35	0.20	0.17	18.05	9.8	33
FGL046- 01+ 25N		0.44	0.0016	0.11	1.71	17.2	<0.2	<10	240	0.34	0.63	0.19	0.19	19.70	10.4	28
FGL046- 01+ 50N		0.49	0.0023	0.14	1.64	15.6	<0.2	<10	210	0.30	0.24	0.20	0.14	19.40	8.5	28
FGL046- 01+ 75N		0.51	0.0078	0.07	1.88	14.1	<0.2	<10	420	0.40	0.26	0.26	0.11	23.2	8.1	28
FGL046- 02+ 00N		0.41	0.0032	0.36	1.62	11.4	<0.2	<10	530	0.52	0.40	0.33	0.15	26.6	7.3	29
FGL046- 02+ 25N		0.32	0.0020	0.20	1.69	8.6	<0.2	<10	450	0.45	0.28	0.40	0.07	26.3	7.7	29
FGL046- 02+ 50N		0.49	0.0020	0.12	1.87	10.8	<0.2	<10	640	0.55	0.23	0.46	0.06	34.0	10.3	35
FGL046- 02+ 75N		0.42	0.0012	0.07	1.87	12.3	<0.2	<10	280	0.29	0.73	0.25	0.19	16.70	7.1	25
FGL046- 03+ 00N		0.37	0.0011	0.13	1.66	11.3	<0.2	<10	270	0.40	0.40	0.18	0.33	21.6	6.0	24
FGL039- 06+ 25N		0.34	0.0005	0.07	1.85	8.8	<0.2	<10	160	0.38	0.13	0.22	0.10	20.3	7.2	25
FGL039- 06+ 50N		0.30	0.0007	0.08	0.93	4.1	<0.2	<10	80	0.19	0.07	0.13	0.04	8.40	4.3	12
FGL039- 06+ 75N		0.48	0.0013	0.21	1.93	8.2	<0.2	<10	160	0.37	0.14	0.29	0.08	16.75	7.7	27
FGL039- 07+ 00N		0.43	0.0015	0.03	2.23	9.7	<0.2	<10	160	0.56	0.10	0.30	0.06	19.30	8.9	27
FGL039- 07+ 25N		0.36	0.0009	0.06	1.90	8.0	<0.2	<10	160	0.42	0.15	0.21	0.08	19.05	7.3	26
FGL039- 07+ 50N		0.34	0.0016	0.15	1.20	5.6	<0.2	<10	150	0.27	0.10	0.22	0.07	17.25	4.2	17
FGL044- 04+ 25N		0.44	0.0019	0.12	1.66	12.7	<0.2	<10	200	0.31	0.20	0.19	0.10	18.30	6.5	24
FGL044- 04+ 50N		0.43	0.0028	0.15	1.68	12.6	<0.2	<10	160	0.25	0.20	0.15	0.11	18.15	5.9	24
FGL044- 04+ 75N		0.43	0.0084	0.13	1.97	14.1	<0.2	<10	230	0.41	0.18	0.22	0.14	22.4	7.8	29
FGL044- 05+ 00N		0.49	0.0015	0.19	2.24	16.2	<0.2	<10	290	0.53	0.21	0.24	0.21	24.2	7.5	28
FGL044- 05+ 25N		0.42	0.0016	0.28	1.92	15.0	<0.2	<10	250	0.50	0.22	0.27	0.17	25.4	7.8	27
FGL044- 05+ 50N		0.39	0.0019	0.12	1.89	12.5	<0.2	<10	270	0.58	0.18	0.27	0.14	26.3	9.5	26
FGL044- 05+ 75N		0.43	0.0031	0.11	2.16	12.5	<0.2	<10	240	0.60	0.16	0.27	0.13	20.8	8.5	30
FGL044- 06+ 00N		0.47	0.0022	0.25	1.74	9.6	<0.2	<10	130	0.47	0.13	0.18	0.10	18.15	6.9	23
FGL047- 04+ 50NN/S		<0.02	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL047- 04+ 75N		0.37	0.0005	0.20	0.76	4.4	<0.2	<10	100	0.24	0.19	0.13	0.54	9.32	3.9	11
FGL047- 05+ 00N		0.34	0.0006	0.20	0.92	3.8	<0.2	<10	90	0.20	0.31	0.06	0.33	6.78	2.8	9
FGL047- 05+ 25NN/S		<0.02	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL047- 05+ 50N		0.46	0.0072	0.61	1.13	15.2	<0.2	<10	180	0.45	2.22	0.35	0.95	25.3	8.7	21
FGL047- 05+ 75N		0.46	0.0038	0.64	1.73	8.8	<0.2	<10	380	0.49	0.59	0.33	0.49	30.4	9.8	26
FGL047- 06+ 00N		0.58	0.0020	0.15	1.24	9.0	<0.2	<10	180	0.48	0.35	0.34	0.30	20.6	7.0	21
FGL036- 00+ 00N		0.41	0.0010	0.13	1.59	6.9	<0.2	<10	330	0.43	0.09	0.40	0.07	23.1	6.2	21
FGL036- 00+ 25N		0.50	0.0007	0.11	1.70	7.6	<0.2	<10	280	0.50	0.10	0.34	0.08	21.9	7.2	22
FGL036- 00+ 50N		0.57	0.0010	0.04	1.83	10.3	<0.2	<10	210	0.55	0.12	0.22	0.19	22.4	8.4	23
FGL036- 00+ 75N		0.50	0.0028	0.03	1.73	11.3	<0.2	<10	200	0.49	0.12	0.34	0.25	19.20	8.3	19
FGL036- 01+ 00N		0.53	0.0010	0.02	1.29	20.5	<0.2	<10	330	0.56	0.05	0.41	0.23	39.5	7.3	13
FGL036- 01+ 25N		0.53	0.0021	0.05	1.37	9.0	<0.2	<10	310	0.56	0.09	0.36	0.19	32.7	7.8	18
FGL036- 01+ 50N		0.49	0.0019	0.14	1.78	10.5	<0.2	<10	310	0.60	0.18	0.36	0.20	24.3	9.0	21



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CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs ppm 0.05	Cu ppm 0.2	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.2	Li ppm 0.1	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01
FGL046- 00+25N		3.39	14.5	2.46	5.10	<0.05	<0.02	0.01	0.035	0.06	8.3	11.2	0.43	333	0.53	0.01
FGL046- 00+50N		2.72	17.4	2.73	5.62	<0.05	0.04	0.01	0.034	0.08	9.9	13.8	0.52	324	0.62	0.01
FGL046- 00+75N		3.90	20.4	2.72	6.86	<0.05	0.03	0.02	0.027	0.07	11.2	14.7	0.50	374	0.75	0.01
FGL046- 01+00N		6.09	21.4	2.67	6.56	<0.05	0.06	0.02	0.045	0.06	8.1	11.8	0.51	373	0.68	0.02
FGL046- 01+25N		3.59	20.8	2.72	6.10	<0.05	0.04	0.01	0.036	0.08	9.4	13.5	0.52	419	0.68	0.02
FGL046- 01+50N		2.09	17.0	2.57	5.90	<0.05	0.02	0.02	0.025	0.07	10.1	13.8	0.49	300	0.68	0.02
FGL046- 01+75N		2.96	19.9	2.55	6.10	<0.05	0.04	0.01	0.030	0.08	10.7	13.7	0.52	327	0.61	0.02
FGL046- 02+00N		2.68	21.3	2.17	5.46	<0.05	0.02	0.02	0.031	0.06	13.8	11.8	0.53	370	0.52	0.02
FGL046- 02+25N		3.01	17.7	2.05	5.65	<0.05	0.04	0.04	0.023	0.06	14.3	12.4	0.53	288	0.45	0.02
FGL046- 02+50N		1.74	23.5	2.43	5.84	0.06	0.03	0.02	0.025	0.05	20.5	14.5	0.68	431	0.44	0.01
FGL046- 02+75N		2.49	15.8	2.52	6.06	<0.05	0.03	0.01	0.024	0.06	8.2	13.5	0.49	294	0.70	0.01
FGL046- 03+00N		2.08	13.1	2.40	5.37	<0.05	0.04	0.01	0.023	0.06	10.9	13.6	0.40	251	0.79	0.01
FGL039- 06+25N		2.26	14.9	2.40	6.77	<0.05	0.03	0.01	0.019	0.06	10.3	13.5	0.49	230	0.60	0.01
FGL039- 06+50N		0.87	7.3	1.43	3.88	<0.05	<0.02	0.01	0.010	0.04	3.9	6.3	0.22	194	0.34	0.02
FGL039- 06+75N		1.39	13.8	2.57	7.48	<0.05	0.02	0.01	0.020	0.05	8.1	14.1	0.52	296	0.60	0.01
FGL039- 07+00N		1.86	12.7	2.35	6.13	<0.05	0.03	0.01	0.021	0.06	8.4	14.3	0.64	306	0.41	0.01
FGL039- 07+25N		1.63	10.5	2.37	6.70	<0.05	0.06	0.01	0.021	0.05	9.5	13.8	0.46	293	0.67	0.01
FGL039- 07+50N		2.00	16.4	1.63	5.10	<0.05	<0.02	0.01	0.013	0.05	8.8	7.5	0.31	157	0.51	0.02
FGL044- 04+25N		2.63	14.4	2.26	6.09	<0.05	<0.02	0.01	0.018	0.06	8.9	12.2	0.41	226	0.59	0.01
FGL044- 04+50N		2.37	12.9	2.34	6.38	<0.05	<0.02	<0.01	0.019	0.06	8.1	11.3	0.44	232	0.64	0.01
FGL044- 04+75N		2.36	19.1	2.51	6.08	<0.05	<0.02	0.03	0.024	0.08	10.8	14.1	0.51	272	0.52	0.01
FGL044- 05+00N		3.18	24.7	2.91	7.28	<0.05	<0.02	0.02	0.029	0.07	12.1	14.4	0.49	328	0.73	0.02
FGL044- 05+25N		3.69	19.1	2.49	7.19	<0.05	<0.02	0.02	0.024	0.05	14.9	11.8	0.46	396	0.81	0.01
FGL044- 05+50N		3.31	21.6	2.59	6.71	<0.05	<0.02	0.01	0.021	0.06	15.7	12.3	0.47	412	0.67	0.02
FGL044- 05+75N		2.44	21.7	2.45	5.66	<0.05	0.03	0.01	0.026	0.08	10.4	14.0	0.57	274	0.51	0.02
FGL044- 06+00N		1.28	22.1	2.09	5.54	<0.05	<0.02	0.02	0.020	0.05	7.6	11.6	0.38	192	0.64	0.01
FGL047- 04+ 50NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL047- 04+ 75N		0.79	13.5	1.30	4.37	<0.05	<0.02	0.01	0.011	0.04	4.5	4.3	0.13	147	0.46	0.02
FGL047- 05+00N		0.70	13.6	1.09	3.46	<0.05	<0.02	0.02	0.012	0.03	3.2	4.0	0.10	79	0.38	0.02
FGL047- 05+ 25NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL047- 05+ 50N		2.38	184.0	2.04	4.01	0.06	0.03	0.02	0.025	0.05	15.1	9.3	0.44	258	0.80	0.01
FGL047- 05+ 75N		2.05	36.4	1.99	5.68	<0.05	0.02	0.06	0.029	0.06	16.6	11.6	0.47	261	0.63	0.01
FGL047- 06+ 00N		1.51	15.8	1.79	4.41	0.05	<0.02	0.01	0.017	0.06	9.4	8.8	0.40	256	0.49	0.01
FGL036- 00+00N		1.52	13.6	1.97	5.98	0.05	<0.02	0.03	0.016	0.08	11.1	9.0	0.38	359	0.45	0.01
FGL036- 00+25N		2.29	13.3	2.08	6.24	<0.05	<0.02	0.04	0.020	0.07	10.4	11.2	0.42	485	0.51	0.01
FGL036- 00+50N		3.85	14.9	2.43	6.89	<0.05	0.02	0.02	0.024	0.09	9.6	13.8	0.48	428	0.58	0.01
FGL036- 00+75N		6.63	23.8	2.95	7.93	<0.05	0.02	0.01	0.027	0.09	7.9	14.4	0.56	330	0.34	0.01
FGL036- 01+00N		5.73	7.6	2.76	6.31	0.06	<0.02	0.03	0.027	0.07	20.6	7.7	0.42	414	0.21	0.01
FGL036- 01+25N		4.79	11.3	2.54	6.03	<0.05	<0.02	0.01	0.021	0.08	16.5	9.2	0.44	481	0.31	0.01
FGL036- 01+50N		4.67	18.6	2.63	7.56	<0.05	<0.02	0.02	0.023	0.11	10.6	11.2	0.52	600	0.51	0.01



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CERTIFICATE OF ANALYSIS WH16153822

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	Analyte Units LOR	Nb ppm 0.05	Ni ppm 0.2	P ppm 10	Pb ppm 0.2	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	Th ppm 0.2
FGL046- 00+25N		1.12	13.0	310	16.3	9.7	<0.001	0.01	1.77	2.6	0.4	0.5	18.7	<0.01	0.21	1.4
FGL046- 00+50N		1.43	20.9	310	11.1	9.4	<0.001	0.01	0.85	3.8	0.5	0.5	18.5	<0.01	0.08	2.7
FGL046- 00+75N		1.71	15.5	260	11.0	12.1	<0.001	0.01	0.57	3.6	0.4	0.7	24.2	<0.01	0.07	2.1
FGL046- 01+00N		1.35	21.2	250	16.9	10.6	<0.001	0.01	2.22	3.7	0.2	0.5	23.0	<0.01	0.24	2.4
FGL046- 01+25N		1.24	19.7	240	12.6	10.6	<0.001	0.01	1.25	3.9	0.2	0.5	22.7	<0.01	0.14	2.5
FGL046- 01+50N		1.25	18.0	320	8.9	8.9	<0.001	0.01	0.67	3.3	0.3	0.5	20.8	<0.01	0.04	2.0
FGL046- 01+75N		1.29	19.0	280	11.3	9.2	<0.001	0.01	0.92	4.1	0.3	0.5	24.7	<0.01	0.06	2.5
FGL046- 02+00N		1.08	18.3	620	17.3	7.8	<0.001	0.02	0.81	3.8	0.4	0.5	24.7	<0.01	0.06	1.4
FGL046- 02+25N		1.05	17.6	820	15.3	7.3	<0.001	0.03	0.78	3.9	0.3	0.5	34.9	<0.01	0.02	1.7
FGL046- 02+50N		1.22	25.7	510	8.2	6.9	<0.001	0.01	0.48	5.1	0.7	0.6	30.9	<0.01	0.03	2.9
FGL046- 02+75N		1.36	15.9	280	20.0	8.1	<0.001	0.01	1.10	3.0	0.2	0.5	22.2	<0.01	0.04	1.9
FGL046- 03+00N		1.44	13.7	280	20.9	8.3	<0.001	0.01	0.68	3.0	0.4	0.5	17.6	<0.01	0.04	2.6
FGL039- 06+25N		1.70	14.6	260	6.8	10.1	<0.001	0.01	0.29	3.2	0.5	0.6	20.6	<0.01	0.03	2.0
FGL039- 06+50N		0.92	6.3	380	5.5	5.5	<0.001	0.01	0.15	1.3	0.3	0.3	13.5	<0.01	0.02	0.8
FGL039- 06+75N		1.82	15.5	370	6.6	9.5	<0.001	0.01	0.29	2.9	0.2	0.6	24.3	<0.01	0.04	1.5
FGL039- 07+00N		1.50	18.0	420	5.6	7.4	<0.001	0.01	0.30	3.8	0.6	0.5	23.8	<0.01	0.03	2.0
FGL039- 07+25N		1.79	12.2	320	6.5	10.3	<0.001	<0.01	0.25	3.0	0.3	0.6	17.1	<0.01	0.03	2.3
FGL039- 07+50N		0.77	8.3	420	5.3	10.3	<0.001	0.01	0.20	1.4	0.3	0.5	19.5	<0.01	0.03	0.2
FGL044- 04+25N		1.25	13.3	410	11.6	8.0	<0.001	0.01	0.59	2.7	0.4	0.5	17.9	<0.01	0.05	0.9
FGL044- 04+50N		1.29	11.2	300	11.0	9.2	<0.001	0.01	0.72	2.4	0.3	0.6	15.7	<0.01	0.06	0.7
FGL044- 04+75N		1.35	17.5	410	13.1	9.7	<0.001	0.01	0.57	3.6	0.4	0.6	19.7	<0.01	0.05	1.7
FGL044- 05+00N		1.38	15.7	360	22.2	11.0	<0.001	0.01	0.82	3.9	0.5	0.6	22.9	<0.01	0.07	1.2
FGL044- 05+25N		1.46	12.6	350	31.2	8.7	<0.001	0.01	0.70	3.8	0.6	0.7	25.1	<0.01	0.04	1.5
FGL044- 05+50N		1.26	14.4	370	17.5	8.8	<0.001	0.01	0.64	3.6	0.6	0.6	23.1	<0.01	0.05	1.3
FGL044- 05+75N		1.46	20.2	370	12.0	9.0	<0.001	0.01	0.57	4.0	0.5	0.5	20.1	<0.01	0.04	2.5
FGL044- 06+00N		1.48	15.5	290	10.1	6.0	0.001	<0.01	0.44	2.8	<0.2	0.5	15.4	<0.01	0.02	1.6
FGL047- 04+ 50NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL047- 04+ 75N		0.52	5.3	360	19.4	5.7	0.001	0.01	0.27	0.7	0.2	0.3	13.0	<0.01	0.01	<0.2
FGL047- 05+00N		0.68	4.1	340	40.1	4.8	0.001	<0.01	0.23	0.9	0.3	0.2	7.4	<0.01	0.02	0.2
FGL047- 05+ 25NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL047- 05+50N		0.98	13.6	830	75.2	6.6	0.002	<0.01	1.77	3.0	0.2	0.4	27.4	<0.01	0.09	2.7
FGL047- 05+75N		1.22	16.6	710	102.5	9.5	0.002	0.01	0.88	4.1	0.5	0.5	25.1	<0.01	0.03	1.8
FGL047- 06+00N		1.03	12.8	810	34.8	7.0	0.001	<0.01	0.73	2.5	0.3	0.4	19.3	<0.01	0.05	1.2
FGL036- 00+00N		0.96	12.1	490	5.6	9.0	0.001	0.01	0.34	2.8	0.2	0.4	37.4	<0.01	0.03	0.8
FGL036- 00+25N		0.98	12.8	540	5.8	9.4	0.002	0.01	0.36	3.0	0.2	0.4	37.4	<0.01	0.01	0.9
FGL036- 00+50N		1.19	15.8	550	9.3	10.3	0.001	<0.01	0.47	3.5	0.2	0.5	17.3	<0.01	0.03	2.0
FGL036- 00+75N		0.49	10.7	1000	12.0	7.8	0.002	<0.01	0.80	4.0	0.2	0.4	20.8	<0.01	0.01	1.9
FGL036- 01+00N		0.33	7.2	1050	9.5	6.4	0.002	<0.01	1.69	3.9	0.2	0.3	25.5	<0.01	0.02	2.4
FGL036- 01+25N		0.66	11.0	720	11.9	7.4	0.002	<0.01	0.75	3.7	0.5	0.3	23.1	<0.01	0.02	2.4
FGL036- 01+50N		0.87	11.8	820	16.8	10.3	0.001	<0.01	0.79	3.6	0.3	0.4	27.1	<0.01	0.02	1.5



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Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti % 0.005	Ti ppm 0.02	U ppm 0.05	V ppm 1	W ppm 0.05	Y ppm 0.05	Zn ppm 2	Zr ppm 0.5
FGL046- 00+25N		0.051	0.13	0.32	51	0.17	3.33	68	<0.5
FGL046- 00+50N		0.079	0.12	0.42	61	0.20	4.44	60	1.8
FGL046- 00+75N		0.083	0.14	0.42	67	0.18	4.29	53	1.2
FGL046- 01+00N		0.069	0.16	0.39	57	0.15	3.62	71	2.3
FGL046- 01+25N		0.073	0.19	0.39	58	0.27	3.42	64	1.8
FGL046- 01+50N		0.071	0.13	0.42	60	0.15	3.17	52	0.8
FGL046- 01+75N		0.072	0.14	0.43	57	0.16	4.80	56	1.6
FGL046- 02+00N		0.064	0.11	0.60	50	0.16	7.68	67	0.5
FGL046- 02+25N		0.057	0.11	0.71	47	0.27	7.74	53	0.9
FGL046- 02+50N		0.068	0.10	0.88	60	0.14	12.15	49	1.3
FGL046- 02+75N		0.060	0.12	0.32	58	0.40	2.85	89	1.1
FGL046- 03+00N		0.073	0.10	0.44	54	0.20	3.97	87	1.9
FGL039- 06+25N		0.098	0.08	0.42	63	0.26	3.57	44	1.3
FGL039- 06+50N		0.060	0.04	0.20	43	0.13	1.42	24	0.6
FGL039- 06+75N		0.085	0.10	0.39	69	0.22	2.98	45	1.0
FGL039- 07+00N		0.084	0.08	0.45	56	0.21	4.41	47	1.2
FGL039- 07+25N		0.086	0.10	0.43	62	0.21	3.51	42	2.3
FGL039- 07+50N		0.052	0.07	0.41	44	0.17	3.34	30	<0.5
FGL044- 04+25N		0.062	0.12	0.39	54	0.19	3.24	45	<0.5
FGL044- 04+50N		0.077	0.12	0.36	61	0.14	2.88	48	<0.5
FGL044- 04+75N		0.069	0.15	0.51	54	0.54	4.43	56	0.5
FGL044- 05+00N		0.063	0.19	0.50	66	0.26	5.77	73	<0.5
FGL044- 05+25N		0.073	0.17	0.51	68	0.20	7.21	69	0.5
FGL044- 05+50N		0.071	0.14	0.48	68	0.17	7.18	59	<0.5
FGL044- 05+75N		0.077	0.14	0.46	54	0.15	4.82	56	1.3
FGL044- 06+00N		0.070	0.09	0.39	50	0.19	3.36	36	0.7
FGL047- 04+ 50NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL047- 04+ 75N		0.048	0.06	0.23	43	0.13	1.70	51	<0.5
FGL047- 05+00N		0.042	0.05	0.22	32	0.10	1.47	50	<0.5
FGL047- 05+ 25NN/S		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
FGL047- 05+ 50N		0.059	0.10	0.65	40	0.34	6.87	249	1.5
FGL047- 05+ 75N		0.049	0.16	0.85	42	0.29	11.75	223	0.7
FGL047- 06+00N		0.053	0.09	0.49	40	0.15	4.94	88	<0.5
FGL036- 00+00N		0.058	0.07	0.37	49	0.17	5.55	48	<0.5
FGL036- 00+25N		0.059	0.08	0.39	48	0.15	4.53	51	<0.5
FGL036- 00+50N		0.063	0.09	0.37	53	0.11	4.63	72	0.7
FGL036- 00+75N		0.034	0.08	0.25	48	0.07	6.68	145	0.8
FGL036- 01+00N		0.034	0.19	0.26	42	0.08	7.72	116	<0.5
FGL036- 01+25N		0.047	0.12	0.33	44	0.11	6.70	93	<0.5
FGL036- 01+50N		0.061	0.10	0.34	53	0.11	5.08	114	<0.5



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CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
FGL036- 01+75N		0.44	0.0013	0.08	2.73	13.8	<0.2	<10	310	0.83	0.15	0.63	0.44	19.70	14.1	27
FGL036- 02+00N		0.53	0.0036	0.06	1.42	10.3	<0.2	<10	210	0.42	0.11	0.24	0.17	20.1	6.6	22
FGL036- 02+25N		0.31	0.0052	0.37	1.26	23.0	<0.2	<10	270	0.45	0.13	0.34	0.43	22.2	7.4	18
FGL036- 02+50N		0.54	0.0143	0.48	1.16	60.6	<0.2	<10	410	0.66	0.37	0.35	1.33	27.1	10.2	17
FGL036- 02+75N		0.42	0.0022	0.12	1.14	5.5	<0.2	<10	150	0.26	0.19	0.14	0.26	15.80	6.8	16
FGL036- 03+00N		0.44	0.0023	0.12	1.38	10.9	<0.2	<10	200	0.35	0.64	0.19	0.16	18.80	6.5	21
FGL036- 03+25N		0.57	0.0043	0.27	1.55	12.8	<0.2	<10	290	0.50	0.72	0.25	0.34	21.6	8.6	24
FGL036- 03+50N		0.53	0.0012	0.05	1.64	16.7	<0.2	<10	310	0.58	0.13	0.49	0.43	24.7	9.3	24
FGL036- 03+75N		0.58	0.0019	0.04	2.02	11.0	<0.2	<10	260	0.44	0.14	0.24	0.15	21.3	8.4	29
FGL037- 06+25N		0.48	0.0009	0.13	1.48	5.6	<0.2	<10	260	0.38	0.11	0.54	0.06	18.20	7.3	22
FGL037- 06+50N		0.44	0.0008	0.07	1.50	5.7	<0.2	<10	190	0.45	0.10	0.58	0.06	19.20	7.1	25
FGL037- 06+75N		0.34	0.0008	0.02	1.27	5.7	<0.2	<10	160	0.48	0.07	0.47	0.08	18.65	7.3	22
FGL037- 07+00N		0.49	0.0047	0.17	1.91	22.1	<0.2	<10	330	0.63	0.14	0.70	0.09	27.7	11.1	24
FGL037- 07+25N		0.42	0.0012	0.05	1.16	4.9	<0.2	<10	260	0.34	0.07	0.34	0.06	24.2	6.1	14
FGL037- 07+50N		0.41	0.0017	0.06	1.73	8.1	<0.2	<10	250	0.57	0.15	0.28	0.08	24.9	7.3	27
FGL045- 00+00N		0.35	0.0023	0.11	1.53	12.7	<0.2	<10	250	0.40	0.44	0.20	0.10	18.90	6.4	25
FGL045- 00+25N		0.45	0.0031	0.22	1.47	14.2	<0.2	<10	330	0.47	0.53	0.21	0.11	22.6	6.7	25
FGL045- 00+50N		0.48	0.0031	0.06	1.34	31.5	<0.2	<10	240	0.28	0.83	0.21	0.10	18.05	6.9	23
FGL045- 00+75N		0.52	0.0027	0.07	1.59	59.0	<0.2	<10	270	0.46	0.55	0.25	0.14	20.3	7.9	25
FGL045- 01+00N		0.48	0.0012	0.23	1.40	11.4	<0.2	<10	340	0.38	0.24	0.36	0.15	17.75	6.8	23
FGL045- 01+25N		0.43	0.0021	0.56	1.63	32.4	<0.2	<10	790	0.77	0.59	0.51	0.57	40.4	7.5	27
FGL045- 01+50N		0.41	0.0045	0.22	1.56	10.1	<0.2	<10	380	0.38	0.38	0.45	0.06	26.6	7.2	27
FGL045- 01+75N		0.31	0.0014	0.13	0.99	6.0	<0.2	<10	250	0.25	0.36	0.27	0.06	15.30	5.5	15
FGL045- 02+00N		0.47	0.0008	0.06	1.49	13.8	<0.2	<10	270	0.32	1.39	0.26	0.15	17.35	6.4	24
FGL045- 02+25N		0.36	0.0079	0.15	1.08	9.2	<0.2	<10	300	0.30	1.91	0.29	0.09	21.8	5.1	21
FGL045- 02+50N		0.38	0.0023	0.43	1.41	8.5	<0.2	<10	500	0.37	2.30	0.35	0.08	23.2	6.4	26
FGL045- 02+75N		0.47	0.0032	0.56	1.55	11.1	<0.2	<10	610	0.40	5.72	0.34	0.13	26.7	5.8	26
FGL045- 03+00N		0.33	0.0096	0.28	1.28	16.8	<0.2	<10	420	0.34	6.13	0.31	0.22	18.05	7.0	20
FGL045- 03+25N		0.51	0.0147	0.62	1.33	36.2	<0.2	<10	280	0.34	36.2	0.16	0.36	20.2	10.0	22
FGL045- 03+50N		0.52	0.0149	0.73	1.93	28.7	<0.2	<10	680	0.55	18.65	0.27	0.31	28.6	8.5	30
FGL045- 03+75N		0.45	0.0041	0.47	1.53	13.1	<0.2	<10	240	0.30	0.87	0.15	0.17	19.15	5.6	24
FGL045- 04+00N		0.45	0.0080	0.63	2.52	21.9	<0.2	<10	590	0.96	0.53	0.20	0.34	31.8	8.6	38
FGL045- 04+25N		0.51	0.0019	0.44	1.97	14.0	<0.2	<10	280	0.42	0.34	0.16	0.29	18.00	9.1	29
FGL045- 04+50N		0.46	0.0024	0.25	1.94	14.1	<0.2	<10	270	0.46	0.29	0.20	0.29	23.7	8.9	32
FGL045- 04+75N		0.44	0.0086	0.15	2.05	12.4	<0.2	<10	190	0.43	0.21	0.18	0.17	21.7	7.8	33
FGL045- 05+00N		0.54	0.0031	0.09	1.99	12.9	<0.2	<10	220	0.42	0.19	0.21	0.17	22.8	8.1	32
FGL045- 05+25N		0.44	0.0041	0.14	0.67	7.0	<0.2	<10	110	0.22	0.27	0.16	0.31	11.70	4.1	11
FGL045- 05+50N		0.46	0.0009	0.25	1.17	6.8	<0.2	<10	210	0.26	0.17	0.14	0.27	12.95	4.2	17
FGL045- 05+75N		0.48	0.0025	0.07	1.98	19.4	<0.2	<10	250	0.45	0.40	0.13	0.12	16.95	8.1	26
FGL045- 06+00N		0.55	0.0022	0.05	2.17	12.3	<0.2	<10	170	0.44	0.15	0.15	0.17	21.0	11.1	31



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		Cs ppm 0.05	Cu ppm 0.2	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.2	Li ppm 0.1	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01
FGL036- 01+75N		5.16	72.2	4.21	13.40	0.05	0.02	0.02	0.025	0.15	11.1	19.3	0.96	566	0.43	0.01
FGL036- 02+00N		3.62	13.7	2.07	5.14	<0.05	0.02	0.01	0.022	0.06	9.1	11.5	0.46	281	0.41	0.01
FGL036- 02+25N		5.55	17.0	2.38	4.18	<0.05	<0.02	0.05	0.024	0.06	9.8	8.3	0.32	1030	0.45	0.01
FGL036- 02+50N		6.29	32.9	3.23	5.03	0.05	<0.02	0.03	0.132	0.07	12.7	7.2	0.40	1100	0.46	0.01
FGL036- 02+75N		1.22	13.8	1.89	6.51	<0.05	<0.02	0.01	0.017	0.05	7.4	7.7	0.31	335	0.56	0.01
FGL036- 03+00N		1.40	24.0	2.17	6.11	<0.05	0.02	0.01	0.024	0.06	8.9	11.0	0.43	272	0.53	0.01
FGL036- 03+25N		3.03	35.1	2.28	5.98	<0.05	<0.02	0.02	0.025	0.06	9.8	10.5	0.42	518	0.52	0.01
FGL036- 03+50N		6.61	16.2	2.75	8.03	<0.05	0.02	0.01	0.025	0.13	10.5	10.8	0.59	621	0.34	0.01
FGL036- 03+75N		1.75	17.5	2.63	7.18	0.05	0.04	0.02	0.026	0.07	9.1	13.6	0.56	322	0.66	0.01
FGL037- 06+25N		1.21	15.9	1.86	5.01	<0.05	0.03	0.03	0.016	0.04	8.2	9.7	0.44	303	0.38	0.02
FGL037- 06+50N		1.31	13.7	1.99	4.94	0.05	0.04	0.03	0.013	0.05	10.1	10.3	0.53	311	0.34	0.02
FGL037- 06+75N		1.43	12.4	1.90	4.58	<0.05	0.05	0.02	0.013	0.04	8.6	10.0	0.57	315	0.32	0.01
FGL037- 07+00N		6.42	13.3	3.13	6.94	<0.05	0.04	0.06	0.027	0.05	13.5	13.2	0.78	953	0.37	0.01
FGL037- 07+25N		1.69	7.8	1.74	4.66	<0.05	<0.02	0.01	0.014	0.04	14.4	8.8	0.49	363	0.23	0.01
FGL037- 07+50N		1.80	11.8	2.44	6.97	<0.05	<0.02	0.01	0.022	0.06	13.4	13.5	0.49	358	0.63	0.01
FGL045- 00+00N		2.83	13.7	2.22	5.55	<0.05	0.03	0.02	0.025	0.06	8.5	11.8	0.45	279	0.58	0.01
FGL045- 00+25N		3.11	15.8	2.00	5.13	<0.05	<0.02	0.02	0.024	0.06	11.2	10.6	0.42	432	0.54	0.01
FGL045- 00+50N		5.23	10.8	2.28	4.87	<0.05	0.02	0.02	0.037	0.06	7.8	10.6	0.44	387	0.44	0.01
FGL045- 00+75N		5.58	13.8	2.53	5.47	<0.05	0.02	0.03	0.039	0.06	8.7	11.7	0.47	442	0.51	0.01
FGL045- 01+00N		2.44	14.6	1.98	5.19	<0.05	<0.02	0.03	0.020	0.05	7.9	9.1	0.41	327	0.50	0.01
FGL045- 01+25N		7.35	36.0	2.19	6.24	0.08	<0.02	0.05	0.043	0.08	26.4	9.8	0.42	536	0.58	0.01
FGL045- 01+50N		3.50	18.3	2.18	5.54	0.06	0.03	0.02	0.023	0.05	15.0	12.4	0.50	343	0.93	0.01
FGL045- 01+75N		2.13	10.9	2.06	4.50	<0.05	<0.02	0.01	0.016	0.04	8.5	5.8	0.24	250	0.46	0.02
FGL045- 02+00N		3.13	11.0	2.32	5.51	<0.05	<0.02	0.01	0.027	0.07	8.0	13.8	0.45	310	0.64	0.01
FGL045- 02+25N		1.76	12.7	1.91	4.13	<0.05	0.03	0.01	0.024	0.04	12.0	11.5	0.43	216	0.38	0.01
FGL045- 02+50N		1.86	16.5	2.08	5.01	<0.05	0.02	0.04	0.022	0.05	11.8	12.2	0.49	262	0.44	0.01
FGL045- 02+75N		3.26	18.9	2.09	5.22	0.05	<0.02	0.03	0.029	0.05	16.2	11.6	0.44	271	0.55	0.01
FGL045- 03+00N		4.81	21.0	2.15	4.44	<0.05	<0.02	0.03	0.028	0.04	9.6	10.0	0.40	592	0.47	0.02
FGL045- 03+25N		3.75	30.0	2.49	5.39	<0.05	0.02	0.03	0.034	0.05	9.2	10.1	0.38	795	0.93	0.01
FGL045- 03+50N		4.87	32.4	2.63	6.08	0.06	0.02	0.06	0.035	0.07	17.1	14.6	0.51	491	0.68	0.01
FGL045- 03+75N		1.99	13.3	2.32	6.59	<0.05	0.02	0.02	0.020	0.05	9.6	11.6	0.39	248	0.86	0.01
FGL045- 04+00N		5.49	40.8	3.23	7.85	0.05	0.07	0.07	0.040	0.07	15.7	14.7	0.53	389	0.90	0.01
FGL045- 04+25N		2.89	15.2	2.76	7.77	<0.05	0.02	0.03	0.028	0.06	9.0	12.1	0.42	419	1.26	0.01
FGL045- 04+50N		2.54	19.2	2.73	7.08	<0.05	0.02	0.02	0.026	0.06	10.5	13.5	0.50	349	0.80	0.01
FGL045- 04+75N		1.61	18.4	2.96	7.05	<0.05	0.03	0.02	0.025	0.06	10.7	17.0	0.49	228	0.73	0.01
FGL045- 05+00N		1.49	18.3	2.71	6.58	<0.05	0.07	0.01	0.027	0.08	10.2	16.1	0.55	275	0.66	0.01
FGL045- 05+25N		0.92	9.7	1.23	2.76	<0.05	<0.02	0.01	0.011	0.04	5.4	5.0	0.24	259	0.22	0.02
FGL045- 05+50N		0.69	14.9	1.90	5.86	<0.05	0.02	0.01	0.015	0.04	6.5	9.6	0.23	137	0.67	0.02
FGL045- 05+75N		1.49	17.2	2.69	6.75	<0.05	0.05	0.02	0.022	0.06	8.4	16.1	0.50	222	0.69	0.01
FGL045- 06+00N		1.29	21.3	2.62	5.53	<0.05	0.05	0.01	0.025	0.07	9.4	15.7	0.49	248	0.65	0.01



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CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb ppm 0.05	Ni ppm 0.2	P ppm 10	Pb ppm 0.2	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	Th ppm 0.2
FGL036- 01+75N		0.64	14.5	1550	20.2	7.2	0.001	<0.01	0.86	5.2	0.4	0.5	40.7	<0.01	0.01	2.1
FGL036- 02+00N		1.06	14.3	460	12.1	7.5	0.001	<0.01	0.58	3.4	0.2	0.4	17.1	<0.01	0.04	2.2
FGL036- 02+25N		0.62	9.8	620	77.3	8.6	0.003	<0.01	1.30	3.4	0.4	0.3	24.4	<0.01	0.09	0.9
FGL036- 02+50N		0.39	10.1	1000	107.0	6.4	0.002	0.01	2.29	5.0	0.3	0.3	28.7	<0.01	0.28	1.5
FGL036- 02+75N		1.19	8.5	440	13.3	12.7	0.001	<0.01	0.58	2.2	0.2	0.5	12.6	<0.01	0.01	1.0
FGL036- 03+00N		1.13	11.6	390	20.7	9.9	0.001	<0.01	0.88	2.8	0.2	0.4	18.3	<0.01	0.02	1.7
FGL036- 03+25N		0.99	13.1	540	35.9	8.1	0.001	<0.01	1.54	3.3	0.3	0.4	19.2	<0.01	0.02	1.5
FGL036- 03+50N		0.39	11.8	1530	40.5	7.7	0.001	<0.01	1.20	3.9	0.4	0.3	24.6	<0.01	0.01	1.7
FGL036- 03+75N		1.13	17.8	340	42.8	9.5	0.002	<0.01	0.50	4.1	0.4	0.6	19.8	<0.01	0.02	2.7
FGL037- 06+25N		1.04	13.0	580	5.9	5.3	0.002	0.01	0.32	3.1	0.6	0.4	38.2	<0.01	0.04	1.3
FGL037- 06+50N		1.17	14.6	640	5.8	5.4	0.001	0.01	0.36	3.4	0.3	0.4	30.8	<0.01	0.02	1.7
FGL037- 06+75N		1.12	14.7	590	5.4	5.0	0.002	<0.01	0.41	3.2	<0.2	0.4	30.2	<0.01	0.02	1.8
FGL037- 07+00N		0.74	13.9	1030	9.8	6.7	0.002	0.02	1.30	5.4	0.5	0.4	42.8	<0.01	0.03	1.8
FGL037- 07+25N		0.94	7.6	460	7.1	5.4	0.001	<0.01	0.33	2.4	0.3	0.3	29.5	<0.01	0.01	2.2
FGL037- 07+50N		1.53	13.6	360	9.3	7.4	0.001	<0.01	0.25	3.5	0.3	0.6	22.3	<0.01	0.02	2.6
FGL045- 00+00N		1.29	15.1	220	10.9	9.7	0.002	<0.01	1.02	3.2	0.4	0.5	18.1	<0.01	0.07	2.2
FGL045- 00+25N		1.15	14.7	250	8.8	9.2	0.001	<0.01	0.73	3.3	0.2	0.4	19.4	<0.01	0.06	1.8
FGL045- 00+50N		0.96	13.5	250	12.5	7.9	0.001	<0.01	2.92	3.1	<0.2	0.4	17.9	<0.01	0.12	1.9
FGL045- 00+75N		0.99	15.9	310	13.1	8.9	0.002	0.01	2.91	3.7	<0.2	0.5	22.7	<0.01	0.13	1.8
FGL045- 01+00N		0.96	14.0	500	8.8	7.3	0.002	0.01	0.75	2.7	0.2	0.4	31.9	<0.01	0.03	1.0
FGL045- 01+25N		0.82	18.1	740	46.1	17.4	0.002	0.02	1.60	4.0	0.5	0.5	52.5	<0.01	0.09	0.8
FGL045- 01+50N		0.97	18.5	570	12.7	8.0	<0.001	<0.01	0.70	4.0	0.6	0.4	37.8	<0.01	0.02	1.8
FGL045- 01+75N		0.52	8.8	570	7.9	5.1	<0.001	<0.01	0.61	2.2	0.4	0.2	21.9	<0.01	0.02	0.9
FGL045- 02+00N		1.04	13.8	250	24.2	10.3	<0.001	<0.01	0.94	3.0	0.2	0.4	23.9	<0.01	0.04	1.5
FGL045- 02+25N		0.92	12.9	400	13.4	5.2	<0.001	<0.01	0.94	2.8	0.5	0.4	21.5	<0.01	0.04	2.5
FGL045- 02+50N		1.07	14.9	420	15.2	6.5	<0.001	<0.01	0.60	3.4	0.5	0.4	26.5	<0.01	0.03	2.0
FGL045- 02+75N		0.90	14.7	530	21.1	7.1	<0.001	<0.01	0.89	4.0	0.6	0.4	28.0	<0.01	0.05	1.7
FGL045- 03+00N		0.68	11.1	340	38.6	6.1	<0.001	<0.01	2.03	3.0	0.5	0.3	22.6	<0.01	0.11	1.3
FGL045- 03+25N		0.92	12.2	290	63.2	8.6	<0.001	<0.01	3.68	3.0	0.4	0.4	19.1	<0.01	0.24	1.9
FGL045- 03+50N		0.89	19.7	280	60.2	11.2	<0.001	<0.01	1.90	4.9	0.7	0.4	23.9	<0.01	0.13	2.2
FGL045- 03+75N		1.30	12.5	230	18.5	7.6	<0.001	<0.01	0.74	3.0	0.3	0.5	15.1	<0.01	0.03	1.9
FGL045- 04+00N		1.24	20.1	390	44.6	12.7	<0.001	<0.01	1.23	6.0	0.8	0.6	20.1	<0.01	0.09	4.3
FGL045- 04+25N		1.47	13.8	400	32.7	14.2	<0.001	<0.01	0.72	3.4	0.6	0.6	16.6	<0.01	0.05	1.8
FGL045- 04+50N		1.27	20.0	380	34.1	11.1	<0.001	<0.01	0.74	4.1	0.4	0.5	18.9	<0.01	0.06	2.3
FGL045- 04+75N		1.72	18.2	370	13.3	9.0	<0.001	<0.01	0.48	3.8	0.4	0.5	16.3	<0.01	0.03	2.6
FGL045- 05+00N		1.51	19.8	380	16.7	9.5	<0.001	<0.01	0.52	4.1	0.4	0.5	17.5	<0.01	0.03	3.0
FGL045- 05+25N		0.37	5.8	390	69.5	4.5	<0.001	<0.01	1.07	0.9	0.3	0.2	14.3	<0.01	0.06	0.2
FGL045- 05+50N		1.25	8.9	270	14.0	6.2	<0.001	<0.01	0.36	1.8	0.3	0.4	17.1	<0.01	0.03	1.0
FGL045- 05+75N		1.27	17.9	180	12.9	8.7	<0.001	<0.01	0.92	3.3	0.4	0.5	16.2	<0.01	0.14	2.2
FGL045- 06+00N		1.44	23.9	280	8.6	7.6	<0.001	<0.01	0.60	3.6	0.4	0.4	14.8	0.01	0.03	2.7



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL036- 01+75N		0.165	0.10	0.37	71	0.08	8.52	300	1.2
FGL036- 02+00N		0.061	0.12	0.34	44	0.12	4.14	68	0.8
FGL036- 02+25N		0.030	0.22	0.35	44	0.12	5.89	136	<0.5
FGL036- 02+50N		0.025	0.22	0.39	42	0.24	7.31	321	<0.5
FGL036- 02+75N		0.063	0.10	0.27	47	0.11	2.74	74	<0.5
FGL036- 03+00N		0.064	0.09	0.29	49	0.17	3.59	89	0.9
FGL036- 03+25N		0.057	0.12	0.36	50	0.14	5.78	103	0.5
FGL036- 03+50N		0.031	0.07	0.25	41	0.06	8.50	171	0.9
FGL036- 03+75N		0.070	0.11	0.41	59	0.13	4.47	78	1.8
FGL037- 06+25N		0.059	0.06	0.56	49	0.17	5.24	38	1.1
FGL037- 06+50N		0.069	0.08	0.56	48	0.17	5.94	45	1.2
FGL037- 06+75N		0.069	0.05	0.42	43	0.14	6.04	47	1.4
FGL037- 07+00N		0.043	0.23	1.32	59	0.14	11.25	77	1.0
FGL037- 07+25N		0.044	0.04	0.57	34	0.13	7.17	42	<0.5
FGL037- 07+50N		0.069	0.10	0.51	63	0.18	5.67	47	0.6
FGL045- 00+00N		0.070	0.12	0.35	53	0.15	3.37	54	1.6
FGL045- 00+25N		0.056	0.13	0.46	47	0.22	5.20	48	0.6
FGL045- 00+50N		0.052	0.29	0.28	49	0.26	3.55	66	0.7
FGL045- 00+75N		0.046	0.46	0.31	54	0.25	4.43	72	0.5
FGL045- 01+00N		0.060	0.10	0.38	49	0.28	4.07	48	<0.5
FGL045- 01+25N		0.034	0.17	0.77	44	0.21	17.75	110	<0.5
FGL045- 01+50N		0.057	0.12	0.50	47	0.16	8.66	56	0.8
FGL045- 01+75N		0.071	0.07	0.28	59	0.10	3.76	52	0.5
FGL045- 02+00N		0.058	0.11	0.32	49	0.26	2.87	82	0.5
FGL045- 02+25N		0.065	0.08	0.42	38	0.14	4.28	60	1.1
FGL045- 02+50N		0.066	0.10	0.56	45	0.31	4.69	56	0.7
FGL045- 02+75N		0.051	0.14	0.72	44	0.17	7.92	68	0.5
FGL045- 03+00N		0.047	0.13	0.35	43	0.19	6.29	104	<0.5
FGL045- 03+25N		0.047	0.24	0.37	48	0.29	3.56	127	0.9
FGL045- 03+50N		0.044	0.29	0.60	51	0.19	9.26	132	0.6
FGL045- 03+75N		0.070	0.12	0.39	56	0.41	3.21	58	0.8
FGL045- 04+00N		0.069	0.19	1.17	67	0.18	6.91	126	3.1
FGL045- 04+25N		0.071	0.14	0.45	65	0.31	3.17	78	0.8
FGL045- 04+50N		0.078	0.12	0.48	61	0.28	4.18	76	0.9
FGL045- 04+75N		0.092	0.11	0.53	64	0.20	3.50	52	1.4
FGL045- 05+00N		0.090	0.10	0.50	58	0.19	3.88	61	2.5
FGL045- 05+25N		0.037	0.04	0.24	25	0.07	2.65	71	<0.5
FGL045- 05+50N		0.069	0.06	0.28	53	0.16	1.80	41	0.6
FGL045- 05+75N		0.061	0.10	0.37	55	0.15	2.93	49	1.9
FGL045- 06+00N		0.076	0.09	0.44	54	0.21	3.01	52	2.0



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CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
FGL038- 00+00N		0.49	0.0015	0.10	1.55	8.4	<0.2	<10	190	0.27	0.15	0.17	0.09	17.95	6.4	24
FGL038- 00+25N		0.60	0.0013	0.03	1.75	16.4	<0.2	<10	380	0.39	0.12	0.27	0.08	24.0	6.9	28
FGL038- 00+50N		0.47	0.0024	0.03	1.26	10.6	<0.2	<10	460	0.20	0.09	0.28	0.08	20.5	5.3	20
FGL038- 00+75N		0.57	0.0016	0.13	1.51	10.2	<0.2	<10	540	0.37	0.11	0.36	0.08	24.4	6.1	24
FGL038- 01+00N		0.47	0.0014	0.05	1.77	9.3	<0.2	<10	330	0.38	0.10	0.26	0.05	24.7	7.3	28
FGL038- 01+25N		0.59	0.0010	0.10	1.92	8.2	<0.2	<10	280	0.49	0.14	0.26	0.07	29.0	7.5	30
FGL038- 01+50N		0.52	0.0007	0.03	1.88	8.9	<0.2	<10	170	0.30	0.11	0.21	0.09	19.35	8.5	30
FGL038- 01+75N		0.44	0.0041	0.08	1.53	6.7	<0.2	<10	180	0.37	0.13	0.26	0.07	20.5	5.4	23
FGL038- 02+00N		0.65	0.0013	0.04	1.50	7.2	<0.2	<10	290	0.33	0.11	0.25	0.06	20.9	6.0	25
FGL038- 02+25N		0.49	0.0026	0.21	1.28	8.2	<0.2	<10	450	0.32	0.27	0.28	0.16	21.4	5.5	23
FGL038- 02+50N		0.53	0.0024	0.66	2.03	18.8	<0.2	<10	690	0.70	0.48	0.38	0.52	28.0	13.4	28
FGL038- 02+75N		0.54	0.0014	0.21	1.55	20.1	<0.2	<10	360	0.35	0.31	0.30	0.29	24.2	8.4	25
FGL038- 03+00N		0.33	0.0060	0.07	1.54	8.9	<0.2	<10	220	0.34	0.18	0.20	0.22	19.45	7.5	24
FGL038- 03+25N		0.36	0.0010	0.18	1.30	6.4	<0.2	<10	200	0.26	0.15	0.22	0.17	19.20	6.7	19
FGL038- 03+50N		0.60	0.0019	0.08	2.22	10.8	<0.2	<10	210	0.47	0.15	0.25	0.14	23.2	8.8	32
FGL038- 03+75N		0.58	0.0009	0.11	1.90	9.8	<0.2	<10	240	0.44	0.14	0.23	0.17	22.0	7.4	29
FGL048- 00+00N		0.34	0.0045	0.34	2.01	15.0	<0.2	<10	560	0.75	0.31	1.02	0.29	32.2	9.6	24
FGL048- 00+25N		0.61	0.0018	0.05	1.03	8.2	<0.2	<10	210	0.25	0.16	0.44	0.12	18.20	7.2	17
FGL048- 00+50N		0.33	0.0016	0.10	1.41	5.6	<0.2	<10	220	0.49	0.07	0.68	0.12	24.7	8.6	15
FGL048- 00+75N		0.58	0.0034	0.13	1.18	6.1	<0.2	<10	190	0.32	0.11	0.41	0.09	22.4	7.3	18
FGL048- 01+00N		0.39	0.0017	0.09	1.24	6.2	<0.2	<10	270	0.48	0.06	0.60	0.08	28.2	9.1	13
FGL048- 01+25N		0.26	0.0019	0.08	1.31	4.6	<0.2	<10	370	0.33	0.08	0.81	0.15	21.4	8.1	14
FGL036- 04+00N		0.50	0.0017	0.08	1.61	9.9	<0.2	<10	320	0.36	0.21	0.26	0.10	19.95	9.2	27
FGL036- 04+25N		0.56	0.0013	0.06	1.34	7.7	<0.2	<10	290	0.29	0.16	0.26	0.07	16.45	7.9	23
FGL036- 04+50N		0.46	0.0019	0.05	1.26	8.7	<0.2	<10	230	0.38	0.31	0.26	0.11	19.00	8.0	21
FGL036- 04+75N		0.52	0.0008	0.04	1.23	8.0	<0.2	<10	240	0.25	0.24	0.29	0.07	15.55	7.2	21
FGL036- 05+00N		0.50	0.0106	0.03	1.06	9.9	<0.2	<10	150	0.23	0.17	0.31	0.09	16.85	8.9	18
FGL036- 05+25N		0.48	0.0113	0.14	0.69	31.6	<0.2	<10	200	0.37	0.67	0.34	0.20	25.5	6.1	10
FGL036- 05+50N		0.59	0.0062	0.12	1.30	12.5	<0.2	<10	250	0.36	0.75	0.41	0.12	21.4	9.0	23
FGL036- 05+75N		0.44	0.0010	0.11	1.58	9.5	<0.2	<10	210	0.33	0.38	0.33	0.19	15.25	7.9	22
FGL036- 06+00N		0.51	0.0018	0.20	1.75	9.6	<0.2	<10	290	0.53	0.25	0.51	0.11	22.7	9.4	29
FGL037- 03+75N		0.32	0.0009	0.03	1.84	8.8	<0.2	<10	220	0.38	0.13	0.18	0.12	18.80	8.4	27
FGL037- 04+00N		0.45	0.0009	0.06	1.78	10.6	<0.2	<10	220	0.37	0.15	0.22	0.09	19.45	7.6	27
FGL037- 04+25N		0.42	0.0017	0.21	1.86	9.9	<0.2	<10	250	0.45	0.16	0.23	0.11	29.7	9.0	28
FGL037- 04+50N		0.38	0.0005	0.04	1.16	7.2	<0.2	<10	220	0.20	0.14	0.17	0.09	18.10	6.0	20
FGL037- 04+75N		0.38	0.0045	0.56	1.65	11.2	<0.2	<10	770	0.49	0.61	0.37	0.13	28.8	7.8	24
FGL037- 05+00N		0.35	0.0018	0.08	1.31	7.5	<0.2	<10	560	0.45	0.13	0.26	0.06	28.6	6.3	17
FGL037- 05+25N		0.37	0.0014	0.13	1.57	8.7	<0.2	<10	590	0.57	0.37	0.28	0.13	30.7	6.9	19
FGL037- 05+50N		0.47	0.0069	0.30	1.65	17.4	<0.2	<10	580	0.64	0.81	0.64	0.20	38.0	8.8	23
FGL037- 05+75N		0.34	0.0048	0.32	1.36	12.5	<0.2	<10	530	0.52	0.41	0.75	0.12	21.3	7.8	16



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 Account: TELOEX

Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs ppm 0.05	Cu ppm 0.2	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.2	Li ppm 0.1	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01
FGL038- 00+00N		1.19	10.7	2.46	7.60	<0.05	0.02	0.01	0.018	0.07	8.9	12.6	0.39	303	0.77	0.01
FGL038- 00+25N		2.83	12.8	2.56	5.93	<0.05	0.04	0.01	0.023	0.06	11.9	15.0	0.53	306	0.53	0.01
FGL038- 00+50N		2.00	9.0	1.98	5.24	<0.05	<0.02	<0.01	0.017	0.05	10.6	11.3	0.43	215	0.42	0.01
FGL038- 00+75N		2.29	14.4	2.22	5.69	<0.05	0.02	0.03	0.020	0.05	13.2	11.6	0.48	308	0.45	0.01
FGL038- 01+00N		1.81	16.0	2.43	5.86	<0.05	0.04	<0.01	0.022	0.06	12.5	13.0	0.53	294	0.48	0.01
FGL038- 01+25N		1.40	13.0	2.49	7.10	0.05	0.05	0.01	0.023	0.07	15.6	14.4	0.51	319	0.50	0.01
FGL038- 01+50N		1.30	15.4	2.62	6.13	<0.05	0.05	0.01	0.022	0.07	9.1	14.4	0.58	281	0.54	0.01
FGL038- 01+75N		1.35	12.8	2.17	6.41	<0.05	0.02	0.01	0.018	0.05	11.2	11.6	0.44	209	0.52	0.01
FGL038- 02+00N		1.15	13.0	2.13	5.39	<0.05	0.03	0.01	0.018	0.06	10.8	12.1	0.49	245	0.40	0.01
FGL038- 02+25N		2.43	18.6	2.02	4.69	<0.05	0.02	0.01	0.021	0.05	12.4	11.4	0.42	273	0.44	0.01
FGL038- 02+50N		5.27	55.5	2.88	6.88	<0.05	<0.02	0.04	0.037	0.07	14.0	12.2	0.41	1300	0.74	0.02
FGL038- 02+75N		4.00	17.5	2.39	5.87	<0.05	0.02	0.01	0.025	0.07	12.0	13.5	0.47	615	0.59	0.01
FGL038- 03+00N		2.25	16.0	2.19	5.40	<0.05	0.04	0.01	0.018	0.07	9.8	11.3	0.47	326	0.49	0.01
FGL038- 03+25N		1.68	15.7	1.94	5.72	<0.05	<0.02	0.02	0.017	0.05	9.8	8.6	0.31	325	0.54	0.02
FGL038- 03+50N		1.58	19.1	2.89	6.98	<0.05	0.07	0.03	0.026	0.08	11.0	15.0	0.58	379	0.77	0.01
FGL038- 03+75N		1.48	13.4	2.64	7.22	<0.05	0.05	0.02	0.024	0.07	11.9	16.6	0.51	242	0.67	0.01
FGL048- 00+00N		5.85	31.0	3.02	6.57	0.05	0.04	0.07	0.034	0.09	18.4	16.1	0.51	555	0.48	0.01
FGL048- 00+25N		2.16	11.5	1.92	4.26	0.05	0.03	0.01	0.016	0.04	9.3	12.1	0.49	326	0.29	0.01
FGL048- 00+50N		5.73	7.6	2.37	5.80	0.07	0.04	0.04	0.019	0.06	15.4	13.8	0.63	262	0.22	0.01
FGL048- 00+75N		2.18	12.2	1.99	4.54	0.05	0.02	0.01	0.014	0.05	10.1	11.0	0.43	335	0.30	0.01
FGL048- 01+00N		4.06	9.5	2.19	5.47	0.07	0.04	0.03	0.018	0.06	16.1	10.6	0.52	344	0.27	0.01
FGL048- 01+25N		2.92	15.3	1.89	4.96	0.06	0.04	0.04	0.018	0.06	16.0	8.8	0.33	441	0.22	0.02
FGL036- 04+00N		1.48	17.9	2.44	5.99	0.06	0.04	0.01	0.022	0.06	9.5	13.8	0.57	421	0.46	0.01
FGL036- 04+25N		1.27	12.5	2.14	5.34	0.05	0.03	0.01	0.018	0.05	8.1	12.3	0.48	310	0.40	0.01
FGL036- 04+50N		1.65	12.8	2.18	5.23	0.05	0.02	0.01	0.019	0.05	9.1	12.0	0.49	350	0.46	0.01
FGL036- 04+75N		1.56	9.4	2.07	5.18	0.05	0.03	0.01	0.015	0.05	7.7	11.9	0.50	289	0.44	0.01
FGL036- 05+00N		1.36	10.3	2.19	5.12	0.06	0.02	0.01	0.016	0.04	7.8	10.6	0.52	441	0.38	0.01
FGL036- 05+25N		2.03	7.4	2.11	3.04	0.05	0.02	0.02	0.020	0.05	12.8	5.2	0.27	453	0.52	0.01
FGL036- 05+50N		2.87	17.5	2.45	5.49	0.05	0.03	0.01	0.019	0.04	10.0	11.2	0.62	402	0.37	0.01
FGL036- 05+75N		4.96	16.7	2.33	6.44	0.05	<0.02	0.01	0.020	0.06	7.3	11.9	0.47	357	0.52	0.01
FGL036- 06+00N		4.16	17.0	2.64	6.81	0.06	0.02	0.01	0.024	0.05	10.9	14.6	0.67	403	0.49	0.01
FGL037- 03+75N		1.44	14.9	2.40	6.24	0.05	0.07	0.01	0.021	0.05	9.2	13.9	0.52	251	0.49	0.01
FGL037- 04+00N		1.52	15.2	2.42	6.36	0.05	0.03	0.02	0.022	0.06	9.3	13.3	0.49	253	0.66	0.01
FGL037- 04+25N		1.57	15.2	2.50	7.26	0.06	0.02	0.02	0.022	0.06	15.2	14.9	0.47	321	0.72	0.01
FGL037- 04+50N		1.04	10.0	2.02	6.66	0.05	0.03	<0.01	0.015	0.05	9.4	9.0	0.37	238	0.68	0.01
FGL037- 04+75N		3.11	24.5	2.42	5.94	0.07	0.02	0.03	0.021	0.07	17.7	11.0	0.44	392	0.44	0.02
FGL037- 05+00N		2.88	11.5	1.85	4.62	0.07	<0.02	0.02	0.015	0.05	17.3	8.3	0.35	353	0.37	0.02
FGL037- 05+25N		3.21	24.4	2.06	5.85	0.05	<0.02	0.02	0.019	0.08	19.8	9.2	0.28	331	0.61	0.02
FGL037- 05+50N		4.54	15.4	2.50	5.61	0.07	0.04	0.04	0.025	0.08	21.7	12.9	0.49	392	0.52	0.01
FGL037- 05+75N		3.94	12.9	1.98	5.03	0.05	0.03	0.05	0.020	0.07	11.3	8.5	0.32	372	0.41	0.02

***** See Appendix Page for comments regarding this certificate *****



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CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb ppm 0.05	Ni ppm 0.2	P ppm 10	Pb ppm 0.2	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	Th ppm 0.2
FGL038- 00+00N		1.41	11.9	410	7.5	11.7	<0.001	<0.01	0.31	2.7	0.2	0.5	18.3	<0.01	0.01	1.2
FGL038- 00+25N		1.04	16.9	300	13.5	8.7	<0.001	<0.01	0.54	3.9	0.4	0.5	21.5	<0.01	0.02	3.0
FGL038- 00+50N		1.11	11.9	300	5.7	7.2	<0.001	<0.01	0.33	2.6	0.4	0.4	23.7	<0.01	0.01	1.8
FGL038- 00+75N		0.92	14.7	360	6.2	7.6	<0.001	<0.01	0.37	3.5	0.3	0.4	30.3	<0.01	0.03	1.6
FGL038- 01+00N		0.97	17.6	300	6.7	7.7	<0.001	<0.01	0.38	3.9	0.4	0.4	19.9	<0.01	0.02	2.8
FGL038- 01+25N		1.21	16.0	270	7.8	12.1	<0.001	<0.01	0.26	4.2	0.4	0.6	20.8	<0.01	0.02	2.9
FGL038- 01+50N		1.23	19.7	450	6.2	9.1	<0.001	<0.01	0.36	3.4	0.3	0.4	16.0	<0.01	0.02	2.2
FGL038- 01+75N		1.21	12.8	230	6.7	12.6	<0.001	<0.01	0.27	3.1	0.3	0.5	20.7	<0.01	0.01	1.4
FGL038- 02+00N		1.03	15.2	310	7.6	7.1	<0.001	<0.01	0.29	3.3	0.2	0.4	20.3	<0.01	0.01	1.9
FGL038- 02+25N		1.01	13.8	360	25.9	6.2	<0.001	<0.01	0.74	3.1	0.4	0.4	21.0	<0.01	0.03	2.0
FGL038- 02+50N		0.88	18.0	430	44.7	13.7	<0.001	<0.01	1.15	3.5	0.7	0.4	29.7	<0.01	0.03	0.9
FGL038- 02+75N		1.08	13.7	350	40.4	12.7	<0.001	<0.01	0.77	3.2	0.2	0.4	24.0	<0.01	0.02	2.1
FGL038- 03+00N		1.00	14.5	320	18.4	8.5	<0.001	<0.01	0.52	3.0	0.2	0.4	17.0	<0.01	0.02	2.3
FGL038- 03+25N		1.02	10.2	280	15.4	11.3	<0.001	<0.01	0.38	2.4	0.3	0.4	22.7	<0.01	0.01	0.9
FGL038- 03+50N		1.35	20.1	440	20.4	9.3	<0.001	<0.01	0.46	4.1	0.3	0.5	19.8	<0.01	0.03	3.0
FGL038- 03+75N		1.46	17.4	260	13.8	13.9	<0.001	<0.01	0.37	3.8	0.4	0.5	20.6	<0.01	0.02	2.4
FGL048- 00+00N		0.59	14.4	870	26.9	8.9	<0.001	0.01	1.20	5.9	0.9	0.3	101.0	<0.01	0.03	1.2
FGL048- 00+25N		0.93	10.7	350	10.8	5.0	<0.001	0.05	0.85	2.7	<0.2	0.3	41.5	<0.01	0.02	1.9
FGL048- 00+50N		0.63	8.8	1230	8.4	6.4	<0.001	0.02	0.40	4.4	0.4	0.3	51.4	<0.01	0.01	2.4
FGL048- 00+75N		0.90	10.9	390	8.9	6.0	<0.001	<0.01	0.51	2.8	0.2	0.3	41.7	<0.01	0.01	1.6
FGL048- 01+00N		0.58	8.3	1110	6.4	6.4	<0.001	<0.01	0.41	3.5	0.5	0.3	42.6	<0.01	0.02	2.4
FGL048- 01+25N		0.67	8.7	630	6.9	7.7	<0.001	0.03	0.28	3.3	0.4	0.3	70.8	<0.01	0.02	1.9
FGL036- 04+00N		1.18	17.7	340	20.5	7.0	<0.001	<0.01	0.70	3.7	<0.2	0.4	21.9	<0.01	0.04	2.6
FGL036- 04+25N		1.14	14.1	290	12.4	7.2	<0.001	<0.01	0.45	3.0	<0.2	0.4	21.1	<0.01	0.03	2.0
FGL036- 04+50N		1.09	13.7	370	15.3	7.5	<0.001	<0.01	0.69	3.0	0.3	0.4	21.2	<0.01	0.02	2.0
FGL036- 04+75N		1.09	12.3	290	10.6	7.1	<0.001	<0.01	0.67	3.0	0.2	0.4	23.5	<0.01	0.02	2.0
FGL036- 05+00N		0.96	11.1	280	12.6	5.0	<0.001	<0.01	1.02	2.8	<0.2	0.3	24.4	<0.01	0.03	1.8
FGL036- 05+25N		0.56	6.5	560	82.2	4.2	<0.001	<0.01	2.14	2.0	0.2	0.2	29.1	<0.01	0.09	2.0
FGL036- 05+50N		1.12	14.3	390	25.5	6.0	<0.001	<0.01	1.40	3.8	0.2	0.4	31.7	<0.01	0.03	2.2
FGL036- 05+75N		1.07	12.2	360	18.2	12.7	<0.001	<0.01	0.60	3.1	<0.2	0.4	29.6	<0.01	0.03	1.0
FGL036- 06+00N		1.34	16.7	570	16.8	8.1	<0.001	<0.01	0.61	4.4	0.2	0.5	35.4	<0.01	0.02	2.1
FGL037- 03+75N		1.25	17.8	210	18.0	8.4	<0.001	<0.01	0.37	3.6	0.2	0.5	19.0	<0.01	0.02	2.9
FGL037- 04+00N		1.51	17.7	310	12.9	9.1	<0.001	<0.01	0.40	3.6	0.2	0.5	21.7	<0.01	0.02	2.1
FGL037- 04+25N		1.68	18.1	320	11.2	10.7	<0.001	<0.01	0.38	4.3	0.3	0.6	20.4	<0.01	0.02	2.3
FGL037- 04+50N		1.41	11.0	180	7.6	8.3	<0.001	<0.01	0.33	2.8	0.2	0.5	19.3	<0.01	0.02	2.0
FGL037- 04+75N		0.95	14.9	530	30.3	8.8	<0.001	<0.01	0.76	4.6	0.5	0.3	29.0	<0.01	0.13	1.7
FGL037- 05+00N		0.75	10.1	370	16.6	7.2	<0.001	<0.01	0.62	3.2	0.4	0.3	21.9	<0.01	0.03	1.5
FGL037- 05+25N		1.03	12.2	280	17.1	12.0	<0.001	<0.01	0.52	3.3	0.3	0.4	27.8	<0.01	0.03	1.2
FGL037- 05+50N		1.16	15.9	460	23.7	9.1	<0.001	0.01	1.38	5.0	0.5	0.4	49.8	<0.01	0.06	2.3
FGL037- 05+75N		0.77	10.3	580	20.0	8.8	<0.001	0.02	0.93	3.4	0.4	0.3	52.5	<0.01	0.04	1.2



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 Finalized Date: 15- OCT- 2016
 Account: TELOEX

Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS WH16153822

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti % 0.005	Ti ppm 0.02	U ppm 0.05	V ppm 1	W ppm 0.05	Y ppm 0.05	Zn ppm 2	Zr ppm 0.5
FGL038- 00+00N		0.079	0.09	0.35	65	0.19	2.51	42	0.7
FGL038- 00+25N		0.071	0.18	0.44	55	0.14	4.58	53	1.8
FGL038- 00+50N		0.057	0.08	0.32	46	0.14	3.31	45	0.5
FGL038- 00+75N		0.057	0.09	0.43	48	0.12	5.45	52	0.6
FGL038- 01+00N		0.078	0.10	0.43	54	0.18	5.39	52	1.6
FGL038- 01+25N		0.094	0.10	0.61	61	0.18	7.82	47	2.1
FGL038- 01+50N		0.090	0.09	0.39	57	0.18	3.29	52	1.6
FGL038- 01+75N		0.085	0.08	0.43	54	0.11	3.58	40	0.8
FGL038- 02+00N		0.072	0.07	0.39	47	0.14	3.97	44	1.1
FGL038- 02+25N		0.062	0.08	0.40	46	0.12	4.81	67	0.8
FGL038- 02+50N		0.045	0.15	0.66	58	0.14	6.77	100	<0.5
FGL038- 02+75N		0.060	0.17	0.36	51	0.15	4.01	92	0.8
FGL038- 03+00N		0.077	0.08	0.37	51	0.12	3.15	59	1.6
FGL038- 03+25N		0.071	0.09	0.34	51	0.13	3.42	47	0.5
FGL038- 03+50N		0.087	0.11	0.48	62	0.16	3.99	68	2.9
FGL038- 03+75N		0.092	0.10	0.42	61	0.26	4.25	63	1.9
FGL048- 00+00N		0.020	0.10	1.23	50	0.14	13.55	102	1.0
FGL048- 00+25N		0.044	0.06	0.42	35	0.11	3.54	58	1.2
FGL048- 00+50N		0.023	0.08	1.69	34	0.16	11.35	67	1.3
FGL048- 00+75N		0.041	0.06	0.61	37	0.16	3.91	49	0.6
FGL048- 01+00N		0.025	0.11	1.34	36	0.20	10.55	53	1.3
FGL048- 01+25N		0.021	0.10	1.65	30	0.09	11.90	37	1.5
FGL036- 04+00N		0.070	0.08	0.41	50	0.12	4.39	74	1.8
FGL036- 04+25N		0.064	0.07	0.34	47	0.12	3.41	57	1.2
FGL036- 04+50N		0.058	0.07	0.36	44	0.23	3.91	68	0.7
FGL036- 04+75N		0.061	0.07	0.32	44	0.12	3.06	60	1.2
FGL036- 05+00N		0.064	0.05	0.32	42	0.12	3.17	73	1.0
FGL036- 05+25N		0.023	0.08	0.29	25	0.13	4.75	122	0.8
FGL036- 05+50N		0.072	0.09	0.40	49	0.13	4.83	77	1.3
FGL036- 05+75N		0.046	0.08	0.39	53	0.15	3.25	69	<0.5
FGL036- 06+00N		0.069	0.10	0.57	59	0.19	6.06	69	0.7
FGL037- 03+75N		0.078	0.09	0.45	53	0.14	3.55	56	2.8
FGL037- 04+00N		0.075	0.09	0.46	55	0.19	3.78	51	1.1
FGL037- 04+25N		0.084	0.10	0.64	60	0.19	7.10	51	0.8
FGL037- 04+50N		0.085	0.08	0.36	57	0.17	2.88	40	1.7
FGL037- 04+75N		0.053	0.08	0.58	52	0.13	12.35	70	0.8
FGL037- 05+00N		0.039	0.07	0.45	35	0.10	9.32	56	0.6
FGL037- 05+25N		0.040	0.08	0.59	46	0.36	8.97	48	0.5
FGL037- 05+50N		0.039	0.13	0.89	43	0.16	14.45	77	1.2
FGL037- 05+75N		0.025	0.11	0.63	37	0.16	7.07	69	1.0



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CERTIFICATE WH16158080

Project: ALSM- CW15- 015- TELOEX
 P.O. No.: FG2016- 1
 This report is for 214 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19- SEP- 2016.
 The following have access to data associated with this certificate:
 JESSE CAMPBELL MIKE MCCUAIG

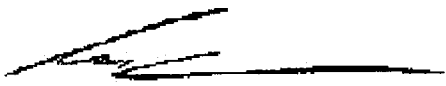
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST43	Super Trace Au - 25g AR	ICP- MS
ME- MS41	Ultra Trace Aqua Regia ICP- MS	

To: TERRALOGIC EXPLORATION SERVICES INC.
 ATTN: MIKE MCCUAIG
 904 - 409 GRANVILLE STREET
 VANCOUVER BC V6C 1T2

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS - WH16158080

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
FGL037- 06+00N		0.59	0.0018	0.12	1.91	9.2	<0.2	<10	400	0.52	0.25	0.57	0.11	23.0	11.2	26
FGL037- 07+75N		0.58	0.0008	0.02	1.89	8.1	<0.2	<10	220	0.70	0.12	0.25	0.09	23.2	8.5	23
FGL037- 08+00N		0.36	0.0006	0.05	1.60	5.7	<0.2	<10	310	0.55	0.08	0.29	0.07	23.7	8.4	18
FGL037- 08+25NN/S	Empty Bag															
FGL037- 08+50N		0.42	0.0027	0.05	1.82	7.4	<0.2	<10	320	0.52	0.13	0.31	0.09	26.0	8.9	25
FGL037- 08+75N		0.49	0.0016	0.03	1.86	9.2	<0.2	<10	180	0.37	0.16	0.20	0.11	25.2	7.5	27
FGL037- 09+00N		0.58	0.0017	0.04	1.95	10.5	<0.2	<10	470	0.66	0.12	0.39	0.06	40.2	9.3	25
FGL037- 09+25N		0.41	0.0019	0.04	1.85	7.0	<0.2	<10	370	0.39	0.14	0.27	0.09	21.5	7.2	23
FGL037- 09+50N		0.43	0.0021	0.02	1.56	6.3	<0.2	<10	230	0.35	0.11	0.26	0.09	16.90	6.6	22
FGL037- 09+75N		0.44	0.0080	0.04	1.56	5.7	<0.2	<10	190	0.29	0.12	0.19	0.09	16.00	6.7	19
FGL037- 10+00N		0.36	0.0011	0.03	2.25	8.6	<0.2	<10	190	0.46	0.12	0.21	0.09	21.0	9.3	28
FGL037- 10+25N		0.41	0.0016	0.05	2.42	12.0	<0.2	<10	210	0.51	0.16	0.13	0.11	21.4	9.4	32
FGL037- 10+50N		0.45	0.0012	0.02	2.04	10.2	<0.2	<10	150	0.38	0.16	0.15	0.11	21.2	9.7	31
FGL049- 00+00N		0.43	0.0013	0.10	1.43	5.8	<0.2	<10	170	0.25	0.13	0.44	0.21	13.85	8.2	26
FGL049- 00+25N		0.67	0.0019	0.07	1.53	6.0	<0.2	<10	150	0.31	0.12	0.44	0.14	18.55	9.3	38
FGL049- 00+50N		0.32	0.0014	0.09	1.23	2.1	<0.2	<10	270	0.28	0.06	0.65	0.26	14.95	5.4	20
FGL049- 00+75N		0.49	0.0030	0.11	2.29	4.9	<0.2	<10	360	0.52	0.08	0.75	0.18	24.6	15.2	23
FGL049- 01+00N		0.50	0.0017	0.07	1.90	5.8	<0.2	<10	260	0.39	0.08	0.54	0.12	18.85	10.0	20
FGL049- 01+25N		0.68	0.0015	0.07	1.89	5.6	<0.2	<10	290	0.62	0.09	0.67	0.16	29.7	10.9	22
FGL049- 01+50N		0.59	0.0016	0.07	1.43	8.0	<0.2	<10	250	0.45	0.07	0.65	0.13	17.75	6.1	13
FGL049- 01+75N		0.51	0.0022	0.14	2.42	5.8	<0.2	<10	470	0.85	0.10	0.79	0.11	29.9	6.5	21
FGL049- 02+00N		0.42	0.0018	0.08	1.72	5.6	<0.2	<10	310	0.59	0.11	0.32	0.10	19.05	5.1	19
FGL049- 02+25N		0.46	0.0009	0.04	1.37	4.3	<0.2	<10	200	0.40	0.08	0.28	0.10	21.2	6.5	18
FGL049- 02+50N		0.38	0.0006	0.11	1.48	4.5	<0.2	<10	290	0.52	0.11	0.25	0.16	20.2	6.5	16
FGL049- 02+75N		0.50	0.0026	0.07	1.65	7.2	<0.2	<10	300	0.66	0.13	0.34	0.06	28.9	5.9	25
FGL049- 03+00N		0.38	0.0008	0.05	0.94	2.6	<0.2	<10	150	0.26	0.07	0.19	0.05	11.40	3.3	9
FGL049- 03+25N		0.56	0.0007	0.02	1.90	9.9	<0.2	<10	200	0.38	0.13	0.29	0.09	20.6	9.0	29
FGL049- 03+50N		0.43	0.0008	0.08	1.61	5.7	<0.2	<10	220	0.42	0.13	0.30	0.12	21.7	6.5	23
FGL049- 03+75N		0.50	0.0005	0.10	2.00	7.3	<0.2	<10	230	0.39	0.19	0.23	0.11	20.1	9.4	24
FGL049- 04+00N		0.46	0.0005	0.10	1.39	4.5	<0.2	<10	200	0.39	0.10	0.17	0.10	17.80	4.8	15
FGL049- 04+25N		0.48	0.0010	0.03	0.83	3.3	<0.2	<10	120	0.21	0.07	0.14	0.05	14.60	3.7	11
FGL047- 00+00N		0.37	0.0015	0.49	1.72	14.8	<0.2	<10	320	0.36	0.28	0.13	0.31	16.95	6.3	26
FGL047- 00+25N		0.39	0.0017	0.30	0.95	7.9	<0.2	<10	320	0.23	0.28	0.18	0.46	14.70	4.8	17
FGL047- 00+50N		0.49	0.0009	0.20	1.55	27.2	<0.2	<10	330	0.26	1.47	0.15	0.18	16.80	6.1	21
FGL047- 00+75N		0.46	0.0025	0.25	1.67	12.2	<0.2	<10	380	0.41	0.89	0.17	0.13	20.7	5.3	22
FGL047- 01+00N		0.54	0.0022	0.22	1.98	13.9	<0.2	<10	230	0.41	0.30	0.18	0.17	22.1	9.0	30
FGL047- 01+25N		0.46	0.0026	0.64	2.04	11.3	<0.2	<10	720	0.73	0.58	0.24	0.15	32.3	7.3	29
FGL047- 01+50N		0.47	0.0021	0.16	1.84	22.5	<0.2	<10	290	0.37	0.88	0.18	0.14	17.60	7.3	25
FGL047- 01+75N		0.45	0.0008	0.16	1.00	7.2	<0.2	<10	250	0.23	0.20	0.17	0.13	16.40	4.3	17
FGL047- 02+00N		0.41	0.0077	1.25	1.91	34.9	<0.2	<10	390	0.47	0.90	0.18	0.26	17.95	7.2	31



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Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
FGL037- 06+00N		2.77	13.3	2.82	7.11	<0.05	0.03	0.02	0.029	0.07	10.5	14.1	0.73	448	0.54	0.02
FGL037- 07+75N		2.09	17.0	2.37	6.56	<0.05	<0.02	0.01	0.021	0.08	12.2	13.7	0.52	349	0.53	0.02
FGL037- 08+00N		2.61	11.4	2.33	6.16	<0.05	<0.02	0.01	0.019	0.06	14.4	13.0	0.55	381	0.38	0.02
FGL037- 08+25NN/S																
FGL037- 08+50N		1.86	17.3	2.44	6.74	<0.05	<0.02	0.01	0.022	0.06	12.5	14.3	0.54	402	0.58	0.02
FGL037- 08+75N		1.19	16.5	2.66	6.91	<0.05	0.06	0.01	0.024	0.07	9.8	15.6	0.54	353	0.85	0.01
FGL037- 09+00N		1.12	17.9	2.62	6.73	0.06	0.02	0.01	0.025	0.06	17.8	14.2	0.67	464	0.49	0.01
FGL037- 09+25N		1.10	16.0	2.41	7.03	<0.05	<0.02	0.01	0.021	0.06	10.2	14.5	0.56	503	0.62	0.01
FGL037- 09+50N		0.79	16.6	2.15	5.44	<0.05	0.03	0.01	0.018	0.06	8.0	12.6	0.51	280	0.44	0.01
FGL037- 09+75N		0.86	14.3	2.10	6.49	<0.05	<0.02	0.01	0.017	0.05	8.1	12.7	0.47	315	0.53	0.01
FGL037- 10+00N		1.11	22.9	2.70	6.54	<0.05	0.04	0.01	0.024	0.06	8.8	15.6	0.61	339	0.56	0.01
FGL037- 10+25N		1.14	26.2	3.01	7.16	<0.05	0.14	0.02	0.029	0.06	9.2	17.9	0.54	246	0.68	0.01
FGL037- 10+50N		1.13	19.0	2.73	6.35	<0.05	0.10	0.01	0.023	0.06	8.8	16.7	0.57	250	0.61	0.01
FGL049- 00+00N		1.54	18.5	2.06	6.03	<0.05	0.03	0.02	0.020	0.03	6.7	9.7	0.44	266	0.40	0.01
FGL049- 00+25N		1.18	15.7	2.23	6.02	<0.05	0.05	0.02	0.021	0.04	9.1	11.6	0.62	243	0.33	0.01
FGL049- 00+50N		1.02	16.2	1.15	5.09	<0.05	0.03	0.03	0.012	0.03	8.0	8.2	0.33	194	0.24	0.02
FGL049- 00+75N		0.95	8.8	3.52	8.90	0.05	0.05	0.02	0.024	0.07	13.9	16.0	1.11	561	0.29	0.01
FGL049- 01+00N		0.75	10.5	2.97	8.47	<0.05	0.06	0.02	0.020	0.05	11.2	17.4	0.88	356	0.21	0.01
FGL049- 01+25N		0.83	15.5	2.81	8.10	0.05	0.07	0.02	0.020	0.07	15.9	16.7	0.85	422	0.34	0.01
FGL049- 01+50N		0.86	12.7	2.26	5.66	<0.05	0.06	0.03	0.014	0.05	11.6	10.1	0.46	230	0.35	0.02
FGL049- 01+75N		1.42	25.0	2.48	8.82	0.06	0.04	0.04	0.025	0.10	20.3	15.8	0.51	302	0.35	0.02
FGL049- 02+00N		1.02	22.2	1.98	6.41	<0.05	<0.02	0.02	0.020	0.07	11.1	11.3	0.36	299	0.39	0.02
FGL049- 02+25N		0.69	13.4	2.16	5.77	<0.05	<0.02	0.01	0.015	0.05	10.4	11.4	0.47	368	0.30	0.01
FGL049- 02+50N		0.94	27.1	1.91	6.39	<0.05	<0.02	0.02	0.018	0.06	11.1	6.8	0.28	618	0.54	0.02
FGL049- 02+75N		0.89	22.8	2.22	6.12	0.05	0.02	0.02	0.021	0.05	19.4	12.6	0.49	254	0.36	0.01
FGL049- 03+00N		0.54	10.1	1.20	3.78	<0.05	<0.02	0.01	0.009	0.05	5.7	4.8	0.17	159	0.28	0.02
FGL049- 03+25N		1.10	14.6	2.81	7.33	<0.05	0.03	0.01	0.023	0.07	10.3	17.1	0.61	401	0.54	0.01
FGL049- 03+50N		1.01	17.8	2.13	6.55	<0.05	<0.02	0.01	0.019	0.05	11.6	12.8	0.46	453	0.48	0.01
FGL049- 03+75N		1.07	23.8	3.00	9.49	<0.05	<0.02	0.03	0.027	0.06	9.6	14.4	0.38	545	1.14	0.01
FGL049- 04+00N		0.74	14.4	1.81	6.01	<0.05	<0.02	0.02	0.016	0.05	9.4	9.4	0.30	185	0.42	0.01
FGL049- 04+25N		0.54	9.4	1.22	3.85	<0.05	<0.02	0.01	0.009	0.04	7.0	5.1	0.21	158	0.27	0.02
FGL047- 00+00N		2.41	16.6	2.61	6.07	<0.05	0.04	0.02	0.026	0.07	8.9	14.4	0.42	222	0.71	0.01
FGL047- 00+25N		2.85	22.0	1.91	5.29	<0.05	<0.02	0.01	0.017	0.08	7.6	7.0	0.23	281	0.56	0.01
FGL047- 00+50N		2.94	20.5	2.36	5.74	<0.05	<0.02	0.01	0.037	0.07	7.9	11.4	0.35	303	0.57	0.01
FGL047- 00+75N		4.31	15.0	2.21	6.19	<0.05	0.02	0.02	0.036	0.08	11.1	12.0	0.38	259	0.58	0.01
FGL047- 01+00N		2.19	17.0	2.64	5.88	<0.05	0.05	0.02	0.029	0.06	9.7	16.1	0.48	285	0.64	0.01
FGL047- 01+25N		3.83	20.1	2.55	7.14	0.05	0.02	0.03	0.035	0.06	18.6	13.1	0.45	465	0.70	0.01
FGL047- 01+50N		4.93	19.1	2.58	6.78	<0.05	0.04	0.02	0.037	0.06	8.6	13.4	0.43	326	0.66	0.01
FGL047- 01+75N		2.92	15.2	1.79	5.80	<0.05	<0.02	0.01	0.015	0.04	8.6	7.5	0.25	224	0.56	0.01
FGL047- 02+00N		4.87	15.6	2.96	7.72	<0.05	0.02	0.04	0.036	0.05	9.1	15.6	0.40	272	0.88	0.01



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
FGL037- 06+00N		1.13	15.1	510	17.5	7.3	<0.001	0.01	0.56	4.9	0.4	0.4	39.5	<0.01	0.05	2.0
FGL037- 07+75N		1.30	14.8	330	9.6	9.9	<0.001	0.01	0.29	3.6	0.3	0.5	24.4	<0.01	0.02	2.4
FGL037- 08+00N		1.01	11.4	410	8.3	7.9	<0.001	0.01	0.21	3.1	0.4	0.4	28.3	<0.01	0.01	1.5
FGL037- 08+25NN/S																
FGL037- 08+50N		1.33	14.1	430	9.0	10.1	<0.001	<0.01	0.29	4.0	0.3	0.5	26.1	<0.01	0.02	1.9
FGL037- 08+75N		1.66	17.2	370	10.3	9.5	<0.001	0.01	0.37	3.7	0.4	0.6	15.9	<0.01	0.02	2.8
FGL037- 09+00N		0.80	16.2	360	9.8	6.9	<0.001	0.01	0.61	5.8	0.5	0.4	27.7	<0.01	0.03	2.7
FGL037- 09+25N		1.20	13.8	320	8.4	8.7	<0.001	0.01	0.38	3.5	0.3	0.5	24.6	<0.01	0.02	2.0
FGL037- 09+50N		1.01	14.4	380	6.8	7.1	<0.001	0.01	0.29	3.2	0.2	0.4	20.7	<0.01	0.01	2.1
FGL037- 09+75N		1.13	10.8	270	6.2	8.8	<0.001	0.01	0.27	2.5	0.2	0.5	20.2	<0.01	0.01	0.9
FGL037- 10+00N		1.39	18.9	300	7.7	9.6	<0.001	0.01	0.38	4.1	0.4	0.5	20.7	<0.01	0.02	2.6
FGL037- 10+25N		1.67	21.7	240	9.1	9.2	<0.001	0.01	0.44	4.2	0.3	0.5	13.9	<0.01	0.03	3.5
FGL037- 10+50N		1.61	22.2	150	10.0	8.7	<0.001	0.01	0.54	3.9	0.2	0.5	16.2	<0.01	0.02	3.1
FGL049- 00+00N		0.87	10.9	1020	26.1	6.5	<0.001	0.03	0.55	3.0	0.3	0.4	40.3	<0.01	0.01	0.9
FGL049- 00+25N		1.13	14.2	870	22.5	6.4	<0.001	0.01	0.53	4.2	0.3	0.4	27.2	<0.01	0.02	2.1
FGL049- 00+50N		0.77	8.3	940	10.0	3.6	<0.001	0.10	0.29	3.1	0.5	0.3	51.9	<0.01	<0.01	0.8
FGL049- 00+75N		1.29	11.0	1700	8.1	6.5	<0.001	0.03	0.34	5.1	0.6	0.4	58.1	<0.01	0.01	3.0
FGL049- 01+00N		1.14	10.6	1120	8.1	6.3	<0.001	0.02	0.28	4.1	0.5	0.4	44.7	<0.01	<0.01	2.7
FGL049- 01+25N		1.19	13.4	1150	8.8	6.8	<0.001	0.01	0.33	5.2	0.6	0.4	61.8	<0.01	0.01	3.3
FGL049- 01+50N		0.72	7.1	930	4.8	5.6	<0.001	0.03	0.33	3.0	0.5	0.2	59.9	<0.01	0.02	1.7
FGL049- 01+75N		0.79	13.1	790	7.2	11.8	<0.001	0.03	0.28	5.1	0.8	0.4	73.3	<0.01	0.02	1.6
FGL049- 02+00N		0.81	10.7	470	6.7	8.5	<0.001	0.01	0.25	3.0	0.4	0.4	28.3	<0.01	0.02	0.9
FGL049- 02+25N		0.90	9.9	480	7.1	6.7	<0.001	0.01	0.24	2.8	0.3	0.3	22.0	<0.01	0.01	1.5
FGL049- 02+50N		0.61	9.8	530	7.4	9.4	<0.001	0.02	0.24	2.0	0.4	0.3	25.6	<0.01	0.02	0.3
FGL049- 02+75N		1.16	14.7	530	9.8	6.3	<0.001	0.01	0.26	4.5	0.7	0.4	23.9	<0.01	0.01	2.9
FGL049- 03+00N		0.50	5.2	420	4.0	4.8	<0.001	0.01	0.15	1.6	0.2	0.2	17.4	<0.01	0.02	0.4
FGL049- 03+25N		1.50	17.1	470	9.7	8.9	<0.001	0.01	0.35	4.1	0.3	0.5	21.3	<0.01	0.01	2.4
FGL049- 03+50N		1.21	13.0	460	7.9	10.6	<0.001	0.01	0.24	3.1	0.3	0.5	23.0	<0.01	0.01	1.1
FGL049- 03+75N		1.14	11.2	530	11.0	9.1	<0.001	0.01	0.30	2.7	0.3	0.6	26.0	<0.01	0.02	0.5
FGL049- 04+00N		0.70	8.1	370	6.8	6.3	<0.001	0.01	0.20	1.7	0.4	0.4	15.8	<0.01	0.02	0.2
FGL049- 04+25N		0.64	6.4	300	3.8	5.5	<0.001	0.01	0.17	1.7	0.2	0.2	12.3	<0.01	<0.01	0.4
FGL047- 00+00N		1.61	14.7	220	10.8	11.9	<0.001	0.01	0.89	3.1	0.3	0.5	14.6	<0.01	0.04	2.0
FGL047- 00+25N		1.19	8.8	330	14.4	18.4	<0.001	0.01	0.56	1.8	0.2	0.4	20.6	<0.01	0.04	0.7
FGL047- 00+50N		1.15	13.2	230	19.5	14.1	<0.001	0.01	1.54	2.7	0.2	0.4	20.3	<0.01	0.21	1.6
FGL047- 00+75N		1.49	13.7	250	11.7	12.2	<0.001	0.01	0.90	3.5	0.3	0.5	17.6	<0.01	0.24	2.1
FGL047- 01+00N		1.58	20.4	260	9.9	10.5	<0.001	0.01	0.72	3.9	0.4	0.5	16.8	<0.01	0.05	3.1
FGL047- 01+25N		1.64	17.0	300	12.2	12.6	<0.001	0.01	0.74	4.5	0.5	0.6	23.1	<0.01	0.09	2.1
FGL047- 01+50N		1.50	16.1	240	11.9	12.2	<0.001	0.01	1.42	3.6	0.3	0.5	19.8	<0.01	0.18	2.2
FGL047- 01+75N		1.26	8.1	280	8.5	12.7	<0.001	0.01	0.56	1.9	0.2	0.5	17.1	<0.01	0.02	0.8
FGL047- 02+00N		1.76	16.8	330	80.5	11.8	<0.001	0.01	1.92	3.3	0.3	0.6	22.0	<0.01	0.24	1.9



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL037- 06+00N		0.052	0.07	0.66	54	0.12	5.62	79	1.1
FGL037- 07+75N		0.051	0.08	0.54	52	0.17	5.93	56	0.5
FGL037- 08+00N		0.050	0.06	0.60	53	0.12	6.68	53	<0.5
FGL037- 08+25NN/S									
FGL037- 08+50N		0.060	0.09	0.55	59	0.26	8.17	55	0.5
FGL037- 08+75N		0.075	0.09	0.47	59	0.18	4.06	54	2.1
FGL037- 09+00N		0.048	0.06	0.74	52	0.13	11.20	61	0.7
FGL037- 09+25N		0.058	0.08	0.50	56	0.18	5.51	50	0.6
FGL037- 09+50N		0.059	0.06	0.37	49	0.11	3.47	48	1.1
FGL037- 09+75N		0.056	0.07	0.37	51	0.15	3.14	43	<0.5
FGL037- 10+00N		0.070	0.08	0.48	57	0.17	4.06	54	1.7
FGL037- 10+25N		0.071	0.09	0.49	61	0.19	3.98	51	4.9
FGL037- 10+50N		0.070	0.09	0.45	57	0.19	2.75	55	3.5
FGL049- 00+00N		0.072	0.07	0.43	61	0.11	3.11	63	0.8
FGL049- 00+25N		0.100	0.07	0.52	59	0.14	4.36	59	1.5
FGL049- 00+50N		0.062	0.05	1.01	40	0.06	4.98	43	1.0
FGL049- 00+75N		0.104	0.06	3.65	71	0.17	8.47	103	1.6
FGL049- 01+00N		0.086	0.04	2.27	52	0.15	5.83	76	1.7
FGL049- 01+25N		0.086	0.06	3.39	52	0.14	11.10	78	2.3
FGL049- 01+50N		0.051	0.04	3.27	50	0.11	7.87	49	1.8
FGL049- 01+75N		0.030	0.07	2.22	49	0.12	15.45	63	1.1
FGL049- 02+00N		0.033	0.05	0.71	45	0.13	5.97	44	<0.5
FGL049- 02+25N		0.058	0.04	0.49	52	0.13	4.43	47	<0.5
FGL049- 02+50N		0.034	0.07	0.70	48	0.13	6.62	38	<0.5
FGL049- 02+75N		0.050	0.06	1.11	49	0.16	9.49	44	0.8
FGL049- 03+00N		0.032	0.04	0.31	32	0.08	2.96	24	<0.5
FGL049- 03+25N		0.074	0.09	0.47	64	0.22	4.15	59	1.1
FGL049- 03+50N		0.059	0.08	0.53	54	0.16	5.37	45	<0.5
FGL049- 03+75N		0.051	0.10	0.52	72	0.17	4.34	44	<0.5
FGL049- 04+00N		0.039	0.06	0.39	46	0.13	4.42	34	<0.5
FGL049- 04+25N		0.041	0.04	0.27	32	0.11	3.75	24	<0.5
FGL047- 00+00N		0.070	0.10	0.36	57	0.17	2.83	63	1.3
FGL047- 00+25N		0.063	0.07	0.30	53	0.35	2.96	44	0.5
FGL047- 00+50N		0.039	0.15	0.31	50	0.15	2.57	71	0.6
FGL047- 00+75N		0.056	0.14	0.42	48	0.20	4.78	54	0.9
FGL047- 01+00N		0.071	0.11	0.50	57	0.16	3.35	52	2.2
FGL047- 01+25N		0.065	0.15	0.64	60	0.17	10.10	54	0.8
FGL047- 01+50N		0.060	0.16	0.40	58	0.20	3.35	60	1.5
FGL047- 01+75N		0.067	0.08	0.31	51	0.17	2.34	35	<0.5
FGL047- 02+00N		0.052	0.16	0.40	65	0.37	2.82	92	0.8



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
FGL047- 02+25N		0.42	0.0036	0.22	1.18	8.4	<0.2	<10	250	0.25	0.25	0.19	0.27	16.10	4.2	18
FGL047- 02+50N		0.45	0.0021	0.11	2.20	38.8	<0.2	<10	330	0.52	0.69	0.16	0.33	28.6	10.0	30
FGL047- 02+75N		0.41	0.0050	0.10	1.80	12.7	<0.2	<10	450	0.35	0.31	0.21	0.50	15.85	7.7	25
FGL047- 03+00N		0.51	0.0028	0.10	1.44	8.2	<0.2	<10	190	0.30	0.22	0.18	0.17	19.60	4.9	22
FGL047- 03+25N		0.46	0.0027	0.23	2.16	16.3	<0.2	<10	370	0.55	0.52	0.18	0.18	19.60	7.9	34
FGL047- 03+50N		0.43	0.0051	0.13	1.71	41.1	<0.2	<10	280	0.43	1.15	0.18	0.33	19.30	9.0	24
FGL047- 03+75N		0.47	0.0033	0.15	2.35	20.1	<0.2	<10	270	0.46	0.70	0.14	0.39	18.55	10.3	29
FGL047- 04+00N		0.44	0.0056	0.22	1.43	13.1	<0.2	<10	270	0.35	0.35	0.15	0.64	21.1	6.1	22
FGL047- 04+25N		0.35	0.0006	0.11	1.24	10.7	<0.2	<10	210	0.23	0.27	0.17	0.18	11.80	4.4	19
FGL042- 00+00N		0.43	0.0010	0.05	1.45	9.8	<0.2	<10	270	0.26	0.14	0.21	0.10	16.65	6.5	22
FGL042- 00+25N		0.50	0.0009	0.04	1.67	8.3	<0.2	<10	240	0.30	0.15	0.25	0.08	16.45	6.7	23
FGL042- 00+50N		0.41	0.0022	0.07	1.60	8.6	<0.2	<10	580	0.46	0.15	0.31	0.10	33.3	10.7	26
FGL042- 00+75N		0.36	0.0009	0.13	1.44	6.6	<0.2	<10	400	0.39	0.13	0.26	0.11	20.7	5.9	21
FGL042- 01+00N		0.37	0.0008	0.08	1.21	4.7	<0.2	<10	230	0.23	0.12	0.17	0.08	9.78	4.3	15
FGL042- 01+25N		0.28	0.0009	0.15	1.10	4.3	<0.2	<10	230	0.24	0.12	0.25	0.12	13.55	4.5	16
FGL042- 01+50N		0.44	0.0021	0.06	1.57	8.5	<0.2	<10	320	0.29	0.29	0.24	0.16	15.70	7.1	24
FGL042- 01+75N		0.41	0.0016	0.11	1.36	8.3	<0.2	<10	230	0.23	0.18	0.16	0.28	14.85	5.4	22
FGL042- 02+00N		0.42	0.0012	0.37	1.53	9.0	<0.2	<10	400	0.39	0.27	0.23	0.25	24.9	5.6	20
FGL042- 02+25N		0.38	0.0008	0.26	0.92	4.9	<0.2	<10	240	0.19	0.13	0.14	0.14	11.50	4.0	11
FGL042- 02+50N		0.48	0.0027	0.19	1.67	11.0	<0.2	<10	520	0.38	0.31	0.38	0.20	24.3	6.8	25
FGL042- 02+75N		0.38	0.0029	0.39	1.05	6.4	<0.2	<10	300	0.24	0.48	0.18	0.12	12.05	3.3	12
FGL042- 03+00N		0.36	0.0023	0.31	0.60	3.1	<0.2	<10	260	0.21	0.24	0.23	0.09	13.65	3.2	6
FGL042- 03+25N		0.39	0.0036	0.88	1.45	8.6	<0.2	<10	440	0.40	0.99	0.23	0.12	19.95	5.1	15
FGL042- 03+50N		0.49	0.0056	0.39	1.43	11.9	<0.2	<10	400	0.32	0.67	0.29	0.09	19.95	6.2	24
FGL042- 03+75N		0.44	0.0041	0.28	1.48	11.5	<0.2	<10	600	0.48	0.38	0.37	0.16	26.1	6.0	25
FGL042- 04+00N		0.48	0.0021	0.16	1.44	15.3	<0.2	<10	490	0.44	0.20	0.40	0.22	26.9	7.0	23
FGL042- 04+25N		0.38	0.0025	0.39	1.73	13.4	<0.2	<10	580	0.58	0.29	0.38	0.34	26.7	7.3	24
FGL042- 04+50N		0.41	0.0013	0.05	1.73	12.8	<0.2	<10	260	0.44	0.17	0.27	0.13	24.2	7.6	26
FGL042- 04+75N		0.39	0.0022	0.39	1.29	10.2	<0.2	<10	360	0.36	0.27	0.34	0.19	19.50	7.1	18
FGL042- 05+00N		0.40	0.0073	0.46	2.09	16.6	<0.2	<10	770	1.07	0.30	0.52	0.24	57.4	9.6	28
FGL042- 05+25N		0.49	0.0017	0.11	1.97	11.3	<0.2	<10	480	0.64	0.26	0.36	0.14	27.0	6.9	29
FGL042- 05+50N		0.39	0.0039	0.10	1.43	9.6	<0.2	<10	240	0.47	0.19	0.36	0.17	22.2	4.9	18
FGL042- 05+75N		0.42	0.0010	0.12	1.45	7.7	<0.2	<10	210	0.32	0.16	0.23	0.13	16.40	6.8	23
FGL042- 06+00N		0.38	0.0017	0.16	1.38	17.1	<0.2	<10	200	0.30	0.23	0.19	0.16	17.95	9.9	21
FGL039- 04+00N		0.32	0.0008	0.16	1.58	8.1	<0.2	<10	240	0.38	0.12	0.22	0.13	20.3	6.9	25
FGL039- 04+25N		0.45	0.0013	0.13	1.46	7.8	<0.2	<10	170	0.29	0.15	0.14	0.19	16.85	6.0	20
FGL039- 04+50N		0.47	0.0007	0.08	1.77	9.5	<0.2	<10	170	0.38	0.16	0.14	0.18	17.20	7.2	25
FGL039- 04+75N		0.48	0.0010	0.05	1.74	8.8	<0.2	<10	170	0.30	0.10	0.14	0.15	14.70	6.4	23
FGL039- 05+00N		0.48	0.0018	0.03	1.38	6.5	<0.2	<10	220	0.28	0.08	0.20	0.12	18.20	6.5	20
FGL039- 05+25N		0.48	0.0010	0.08	1.96	8.5	<0.2	<10	270	0.37	0.15	0.17	0.17	22.2	7.1	26



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
FGL047- 02+25N		2.55	20.3	1.89	5.57	<0.05	<0.02	0.01	0.018	0.04	8.4	10.2	0.29	182	0.57	0.01
FGL047- 02+50N		7.61	21.9	3.01	7.22	<0.05	0.04	0.02	0.036	0.08	11.1	14.8	0.48	436	0.75	0.01
FGL047- 02+75N		5.71	22.6	2.94	8.36	<0.05	0.02	0.01	0.024	0.07	7.9	16.7	0.39	638	0.95	0.01
FGL047- 03+00N		3.59	14.3	1.80	4.96	<0.05	<0.02	0.02	0.018	0.06	10.5	9.9	0.33	153	0.45	0.01
FGL047- 03+25N		3.16	20.8	2.68	6.51	<0.05	0.02	0.02	0.029	0.08	9.8	13.3	0.47	250	0.72	0.01
FGL047- 03+50N		5.17	18.3	2.48	6.61	<0.05	<0.02	0.02	0.027	0.07	9.4	13.7	0.44	410	0.64	0.01
FGL047- 03+75N		3.35	21.7	2.71	6.79	<0.05	0.06	0.02	0.030	0.06	8.1	16.3	0.48	305	0.61	0.01
FGL047- 04+00N		4.16	12.6	2.10	6.17	<0.05	0.02	0.02	0.020	0.05	10.0	11.7	0.32	275	0.62	0.01
FGL047- 04+25N		1.37	13.7	2.06	6.44	<0.05	<0.02	0.02	0.014	0.05	6.1	10.6	0.30	161	0.65	0.01
FGL042- 00+00N		1.73	11.6	2.17	5.79	<0.05	<0.02	0.01	0.018	0.05	8.7	13.1	0.41	233	0.55	0.01
FGL042- 00+25N		2.00	15.3	2.25	6.39	<0.05	0.03	0.01	0.020	0.05	8.8	12.2	0.44	253	0.49	0.01
FGL042- 00+50N		3.44	19.2	2.49	5.80	0.05	0.03	0.03	0.022	0.06	19.6	13.0	0.48	623	0.49	0.01
FGL042- 00+75N		2.73	17.5	1.85	5.14	<0.05	<0.02	0.01	0.019	0.05	10.2	11.4	0.36	285	0.40	0.01
FGL042- 01+00N		1.84	11.4	1.75	5.05	<0.05	<0.02	0.01	0.013	0.05	4.8	7.7	0.25	136	0.38	0.02
FGL042- 01+25N		1.57	14.6	1.60	4.85	<0.05	<0.02	0.21	0.013	0.04	6.5	6.7	0.25	181	0.36	0.02
FGL042- 01+50N		2.31	14.4	2.35	5.67	<0.05	0.02	0.01	0.021	0.05	7.7	13.3	0.50	330	0.49	0.01
FGL042- 01+75N		1.24	13.0	2.04	5.57	<0.05	<0.02	0.01	0.018	0.05	7.8	10.9	0.39	224	0.57	0.01
FGL042- 02+00N		2.41	29.2	1.83	6.97	<0.05	<0.02	0.02	0.021	0.06	13.6	9.2	0.31	251	0.70	0.01
FGL042- 02+25N		1.49	12.2	1.09	4.15	<0.05	<0.02	0.02	0.012	0.04	6.3	5.7	0.18	197	0.38	0.02
FGL042- 02+50N		2.23	20.7	2.15	6.57	<0.05	0.02	0.02	0.024	0.06	12.6	15.2	0.46	302	0.53	0.01
FGL042- 02+75N		2.78	16.6	1.25	3.80	<0.05	<0.02	0.03	0.017	0.04	7.0	5.6	0.19	152	0.34	0.02
FGL042- 03+00N		1.49	15.2	0.84	2.38	<0.05	<0.02	0.03	0.009	0.03	8.1	2.5	0.08	236	0.24	0.03
FGL042- 03+25N		3.91	36.5	1.54	5.00	<0.05	<0.02	0.06	0.021	0.05	12.1	7.7	0.21	229	0.45	0.02
FGL042- 03+50N		2.81	41.1	2.07	5.00	<0.05	0.03	0.04	0.026	0.05	10.6	12.4	0.45	271	0.44	0.01
FGL042- 03+75N		5.14	23.2	2.10	5.21	0.05	0.02	0.03	0.026	0.06	15.7	11.1	0.43	279	0.48	0.01
FGL042- 04+00N		5.18	15.6	2.17	5.38	0.05	0.02	0.03	0.025	0.07	14.6	11.6	0.45	354	0.48	0.01
FGL042- 04+25N		5.61	30.4	2.17	7.38	0.05	<0.02	0.04	0.028	0.06	16.9	11.4	0.37	418	0.66	0.01
FGL042- 04+50N		3.25	14.6	2.39	6.08	<0.05	0.02	0.01	0.023	0.07	10.4	15.0	0.51	317	0.53	0.01
FGL042- 04+75N		4.20	21.9	1.94	5.30	<0.05	<0.02	0.03	0.020	0.05	11.9	8.0	0.33	459	0.50	0.02
FGL042- 05+00N		12.05	40.4	2.71	7.18	0.14	0.05	0.07	0.037	0.08	52.0	13.1	0.46	538	0.58	0.01
FGL042- 05+25N		5.79	27.5	2.50	7.68	<0.05	<0.02	0.02	0.028	0.07	16.9	12.6	0.44	551	0.78	0.01
FGL042- 05+50N		3.98	15.1	2.18	6.64	<0.05	<0.02	0.02	0.019	0.06	12.3	10.7	0.35	209	0.57	0.01
FGL042- 05+75N		2.47	12.3	2.41	6.90	<0.05	<0.02	0.01	0.018	0.05	8.8	11.5	0.38	400	0.70	0.01
FGL042- 06+00N		5.70	13.5	2.58	6.78	<0.05	<0.02	0.01	0.022	0.06	9.5	10.1	0.35	713	0.92	0.01
FGL039- 04+00N		1.39	14.1	2.13	5.54	<0.05	<0.02	0.02	0.020	0.08	9.7	11.0	0.46	307	0.52	0.01
FGL039- 04+25N		1.14	10.4	2.16	6.54	<0.05	0.03	0.01	0.019	0.06	8.4	11.7	0.34	273	0.66	0.01
FGL039- 04+50N		1.67	13.0	2.47	7.28	<0.05	0.04	0.01	0.019	0.07	8.8	14.2	0.43	266	0.66	<0.01
FGL039- 04+75N		2.39	13.7	2.16	5.61	<0.05	0.04	0.01	0.018	0.05	7.0	11.1	0.44	233	0.51	0.01
FGL039- 05+00N		2.35	12.2	2.00	5.07	<0.05	0.05	0.01	0.017	0.05	9.4	8.7	0.43	295	0.58	0.01
FGL039- 05+25N		1.85	14.3	2.45	7.64	<0.05	0.03	0.01	0.020	0.05	11.3	12.2	0.45	204	0.64	0.01



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CERTIFICATE OF ANALYSIS WH16158080

Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
FGL047- 02+25N	0.89	10.4	350	10.1	8.3	<0.001	0.01	0.60	1.9	<0.2	0.4	20.3	<0.01	0.08	0.4
FGL047- 02+50N	1.60	20.5	350	55.5	11.6	<0.001	0.01	2.00	4.4	0.6	0.6	18.3	<0.01	0.07	2.7
FGL047- 02+75N	1.59	13.6	320	19.9	10.2	<0.001	0.01	0.87	3.1	0.2	0.7	22.3	<0.01	0.03	1.9
FGL047- 03+00N	0.99	11.0	480	11.0	7.3	<0.001	0.01	0.45	2.4	0.5	0.4	16.4	<0.01	0.02	0.5
FGL047- 03+25N	1.70	20.0	440	13.9	11.0	<0.001	0.02	0.83	4.3	0.3	0.6	17.8	<0.01	0.02	2.3
FGL047- 03+50N	1.21	15.2	450	41.4	10.6	<0.001	0.02	1.69	3.7	0.3	0.5	18.2	<0.01	0.07	1.4
FGL047- 03+75N	1.63	18.3	250	32.2	9.4	<0.001	0.01	1.25	3.8	0.3	0.5	15.2	0.01	0.06	2.4
FGL047- 04+00N	1.45	11.5	260	27.4	9.5	<0.001	0.01	0.66	3.3	0.3	0.5	15.0	<0.01	0.03	1.8
FGL047- 04+25N	1.44	10.0	300	8.1	6.0	<0.001	0.02	0.45	2.1	<0.2	0.5	19.6	<0.01	0.02	0.9
FGL042- 00+00N	1.25	14.2	330	7.5	7.8	<0.001	0.01	0.38	3.0	0.2	0.4	19.0	<0.01	0.01	1.4
FGL042- 00+25N	1.29	13.6	310	8.8	9.1	<0.001	0.01	0.39	3.4	0.2	0.5	21.5	<0.01	0.01	1.7
FGL042- 00+50N	1.11	15.6	460	9.8	8.8	<0.001	0.01	0.46	4.6	0.4	0.4	22.9	<0.01	0.01	2.6
FGL042- 00+75N	0.89	12.2	390	8.0	8.2	<0.001	0.02	0.32	2.7	0.2	0.3	21.1	<0.01	<0.01	0.6
FGL042- 01+00N	0.93	8.7	210	6.3	7.8	<0.001	0.01	0.23	2.1	<0.2	0.3	17.1	<0.01	<0.01	0.7
FGL042- 01+25N	0.85	9.3	400	7.6	8.3	<0.001	0.01	0.24	2.1	<0.2	0.3	19.0	<0.01	0.01	0.6
FGL042- 01+50N	1.20	14.4	290	19.7	8.0	<0.001	0.01	0.52	3.1	0.2	0.4	19.2	<0.01	0.01	1.6
FGL042- 01+75N	1.16	13.3	320	14.5	9.5	<0.001	0.01	0.38	2.4	0.2	0.4	14.4	<0.01	0.01	0.9
FGL042- 02+00N	1.17	12.9	320	23.9	14.5	<0.001	0.02	0.41	2.8	0.4	0.5	26.1	<0.01	0.02	0.6
FGL042- 02+25N	0.75	6.9	330	11.3	6.6	<0.001	0.02	0.29	1.4	<0.2	0.3	15.9	<0.01	0.01	0.3
FGL042- 02+50N	1.42	17.0	410	20.2	11.0	<0.001	0.01	0.68	3.9	0.3	0.5	30.2	<0.01	0.02	1.8
FGL042- 02+75N	0.67	7.4	410	14.6	6.6	<0.001	0.02	2.10	1.9	0.3	0.2	17.4	<0.01	0.01	0.5
FGL042- 03+00N	0.37	4.3	450	8.8	3.2	<0.001	0.02	0.87	1.2	0.2	<0.2	21.5	<0.01	0.01	0.3
FGL042- 03+25N	0.70	10.1	450	14.1	9.2	<0.001	0.03	1.76	2.1	0.4	0.3	26.1	<0.01	0.01	0.3
FGL042- 03+50N	1.22	15.7	380	18.8	7.0	<0.001	0.01	1.54	3.4	0.2	0.4	26.0	<0.01	0.02	1.8
FGL042- 03+75N	1.02	16.5	720	17.5	8.4	<0.001	0.02	0.76	3.7	0.6	0.4	31.5	<0.01	0.01	1.3
FGL042- 04+00N	1.16	16.0	460	41.9	8.0	<0.001	0.02	0.82	4.0	0.4	0.4	30.6	<0.01	0.02	1.6
FGL042- 04+25N	1.11	15.1	530	28.7	11.5	<0.001	0.02	0.62	3.6	0.6	0.5	34.9	<0.01	0.03	0.7
FGL042- 04+50N	1.47	17.9	350	14.8	8.4	<0.001	0.01	0.57	3.9	0.3	0.5	20.3	<0.01	0.02	2.3
FGL042- 04+75N	0.82	11.0	570	18.3	7.4	<0.001	0.02	1.32	2.9	0.2	0.4	27.7	<0.01	0.03	0.5
FGL042- 05+00N	0.96	19.2	640	19.4	11.6	<0.001	0.03	1.00	10.2	1.9	0.4	39.7	<0.01	0.06	2.0
FGL042- 05+25N	1.26	13.6	410	12.9	9.2	<0.001	0.02	0.64	4.4	0.4	0.6	31.0	<0.01	0.04	1.4
FGL042- 05+50N	0.96	9.3	390	11.8	9.4	<0.001	0.02	0.82	2.3	0.3	0.5	24.0	<0.01	0.02	0.4
FGL042- 05+75N	1.38	11.1	350	8.5	10.1	<0.001	0.01	0.38	2.6	<0.2	0.6	20.8	<0.01	0.01	0.9
FGL042- 06+00N	1.08	10.3	380	18.5	10.9	<0.001	0.02	1.28	2.6	0.2	0.5	18.1	<0.01	0.03	0.6
FGL039- 04+00N	1.16	15.4	430	23.6	9.4	<0.001	0.01	0.35	3.1	0.3	0.4	19.5	<0.01	0.01	1.1
FGL039- 04+25N	1.65	11.4	230	13.4	12.3	<0.001	0.01	0.32	2.7	0.2	0.5	15.0	<0.01	0.01	1.8
FGL039- 04+50N	1.81	14.7	340	15.0	13.7	<0.001	0.01	0.32	3.0	0.3	0.5	15.9	<0.01	0.01	2.2
FGL039- 04+75N	1.32	14.9	220	25.3	8.6	<0.001	0.01	0.42	2.8	0.2	0.4	14.4	<0.01	0.02	1.9
FGL039- 05+00N	1.01	13.4	280	15.4	8.9	<0.001	0.02	0.41	2.7	0.2	0.4	21.0	<0.01	0.02	2.0
FGL039- 05+25N	1.73	15.8	200	9.5	7.8	<0.001	0.02	0.34	3.5	0.3	0.7	18.9	<0.01	0.02	1.8



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL047- 02+ 25N		0.053	0.07	0.33	48	0.13	3.38	50	<0.5
FGL047- 02+ 50N		0.058	0.26	0.44	61	0.27	4.08	107	1.3
FGL047- 02+ 75N		0.062	0.13	0.35	73	0.16	2.40	110	1.1
FGL047- 03+ 00N		0.059	0.09	0.57	42	0.17	4.66	42	<0.5
FGL047- 03+ 25N		0.081	0.13	0.73	60	0.25	4.08	60	0.8
FGL047- 03+ 50N		0.049	0.16	0.45	52	0.16	4.68	102	<0.5
FGL047- 03+ 75N		0.065	0.12	0.42	56	0.15	3.41	90	2.9
FGL047- 04+ 00N		0.064	0.10	0.40	54	0.16	5.04	100	0.8
FGL047- 04+ 25N		0.065	0.07	0.28	58	0.17	1.75	49	0.6
FGL042- 00+ 00N		0.061	0.07	0.31	52	0.14	3.61	47	0.7
FGL042- 00+ 25N		0.062	0.09	0.36	54	0.16	3.74	51	1.1
FGL042- 00+ 50N		0.062	0.09	0.53	54	0.26	10.25	57	1.4
FGL042- 00+ 75N		0.046	0.06	0.40	44	0.12	4.60	44	<0.5
FGL042- 01+ 00N		0.061	0.06	0.28	48	0.11	1.99	38	<0.5
FGL042- 01+ 25N		0.059	0.06	0.32	45	0.11	3.29	37	<0.5
FGL042- 01+ 50N		0.062	0.08	0.33	54	0.14	3.30	75	0.8
FGL042- 01+ 75N		0.060	0.07	0.35	51	0.14	2.87	51	<0.5
FGL042- 02+ 00N		0.054	0.11	0.56	46	0.17	6.45	54	<0.5
FGL042- 02+ 25N		0.036	0.06	0.31	27	0.10	2.84	30	<0.5
FGL042- 02+ 50N		0.060	0.10	0.48	49	0.19	5.80	60	0.7
FGL042- 02+ 75N		0.033	0.07	0.28	28	0.27	3.27	47	<0.5
FGL042- 03+ 00N		0.031	0.04	0.23	24	0.05	5.94	26	0.5
FGL042- 03+ 25N		0.037	0.08	0.45	35	0.12	7.35	46	<0.5
FGL042- 03+ 50N		0.055	0.08	0.44	44	0.17	5.28	58	0.9
FGL042- 03+ 75N		0.045	0.10	0.60	43	0.14	8.72	66	0.6
FGL042- 04+ 00N		0.051	0.12	0.43	44	0.22	8.65	82	0.9
FGL042- 04+ 25N		0.044	0.14	0.59	51	0.36	9.47	73	<0.5
FGL042- 04+ 50N		0.064	0.11	0.41	51	0.41	4.64	64	1.1
FGL042- 04+ 75N		0.045	0.10	0.39	45	0.14	9.37	60	<0.5
FGL042- 05+ 00N		0.034	0.11	1.26	49	0.16	47.5	81	1.2
FGL042- 05+ 25N		0.048	0.09	0.72	61	0.17	8.28	57	<0.5
FGL042- 05+ 50N		0.048	0.08	0.42	50	0.14	5.19	42	<0.5
FGL042- 05+ 75N		0.074	0.09	0.33	63	0.16	3.20	45	<0.5
FGL042- 06+ 00N		0.051	0.19	0.37	59	0.16	4.08	60	<0.5
FGL039- 04+ 00N		0.064	0.07	0.41	50	0.21	4.18	53	<0.5
FGL039- 04+ 25N		0.076	0.08	0.35	55	0.29	2.83	46	1.2
FGL039- 04+ 50N		0.082	0.09	0.38	60	0.17	2.81	59	1.8
FGL039- 04+ 75N		0.062	0.09	0.31	48	0.13	2.56	81	1.4
FGL039- 05+ 00N		0.063	0.07	0.38	45	0.12	3.79	62	1.8
FGL039- 05+ 25N		0.077	0.09	0.47	64	0.16	3.65	51	1.1



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
FGL039- 05+ 50N		0.39	0.0005	0.05	1.85	9.4	<0.2	<10	260	0.31	0.12	0.18	0.08	18.85	7.0	26
FGL039- 05+ 75N		0.45	0.0012	0.05	1.12	13.4	<0.2	<10	190	0.34	0.30	0.18	0.22	20.3	6.9	16
FGL039- 06+ 00N		0.46	0.0008	0.05	2.01	8.7	<0.2	<10	190	0.46	0.15	0.21	0.08	20.8	7.5	26
FGL038- 06+ 25N		0.36	0.0013	0.08	2.55	11.4	<0.2	<10	280	0.72	0.18	0.18	0.15	25.8	10.1	34
FGL038- 06+ 50N		0.47	0.0040	0.05	1.99	12.0	<0.2	<10	200	0.45	0.15	0.22	0.15	24.6	12.2	31
FGL038- 06+ 75N		0.34	0.0030	0.20	2.12	8.1	<0.2	<10	240	0.67	0.16	0.35	0.22	31.8	8.4	29
FGL038- 07+ 00N		0.43	0.0016	0.08	2.37	10.0	<0.2	<10	190	0.56	0.16	0.25	0.09	27.9	9.7	35
FGL038- 07+ 25N		0.40	0.0013	0.16	2.30	11.4	<0.2	<10	410	0.82	0.14	0.65	0.08	31.3	9.8	29
FGL038- 07+ 50N		0.34	0.0021	0.10	1.60	9.6	<0.2	<10	380	0.53	0.14	0.35	0.06	37.2	8.0	22
FGL039- 00+ 00N		0.53	0.0019	0.03	1.97	10.0	<0.2	<10	180	0.44	0.13	0.17	0.09	21.1	8.3	28
FGL039- 00+ 25N		0.48	0.0016	0.08	1.88	9.1	<0.2	<10	580	0.56	0.14	0.36	0.09	41.1	11.3	33
FGL039- 00+ 50N		0.48	0.0014	0.08	1.18	8.1	<0.2	<10	380	0.28	0.08	0.22	0.07	18.15	7.2	17
FGL039- 00+ 75N		0.45	0.0008	0.10	1.80	17.7	<0.2	<10	290	0.37	0.14	0.19	0.11	19.45	7.8	25
FGL039- 01+ 00N		0.50	0.0021	0.05	1.75	16.4	<0.2	<10	470	0.29	0.12	0.27	0.11	22.9	8.4	26
FGL039- 01+ 25N		0.62	0.0014	0.10	1.66	22.4	<0.2	<10	740	0.44	0.13	0.40	0.08	29.5	8.0	27
FGL039- 01+ 50N		0.57	0.0034	0.24	1.99	10.3	<0.2	<10	210	0.41	0.13	0.19	0.14	25.4	10.2	27
FGL039- 01+ 75N		0.50	0.0009	0.09	1.63	6.9	<0.2	<10	260	0.39	0.11	0.16	0.10	22.8	8.0	20
FGL039- 02+ 00N		0.41	0.0009	0.10	1.33	5.3	<0.2	<10	160	0.26	0.11	0.13	0.06	21.8	5.6	17
FGL039- 02+ 25N		0.49	0.0007	0.05	1.22	6.9	<0.2	<10	130	0.21	0.10	0.15	0.07	15.35	6.3	17
FGL039- 02+ 50N		0.58	0.0011	0.06	1.69	10.7	<0.2	<10	170	0.36	0.15	0.18	0.09	24.2	8.5	25
FGL039- 02+ 75N		0.43	0.0004	0.07	1.08	7.4	<0.2	<10	190	0.22	0.13	0.12	0.11	15.25	4.8	15
FGL039- 03+ 00N		0.25	0.0009	1.07	0.80	3.2	<0.2	<10	190	0.18	0.23	0.06	0.48	9.84	2.6	9
FGL039- 03+ 25N		0.52	0.0686	0.23	1.60	11.3	<0.2	<10	210	0.33	0.61	0.15	0.50	20.1	7.8	23
FGL039- 03+ 50N		0.48	0.0020	0.37	1.79	11.2	<0.2	<10	190	0.35	0.18	0.17	0.19	19.55	6.9	25
FGL039- 03+ 75N		0.50	0.0011	0.11	1.86	10.7	<0.2	<10	170	0.36	0.15	0.18	0.14	20.5	7.0	27
FGL040- 04+ 25N		0.51	0.0020	0.13	2.24	12.0	<0.2	<10	200	0.40	0.14	0.18	0.21	24.2	11.4	31
FGL040- 04+ 50N		0.47	0.0011	0.43	1.66	9.8	<0.2	<10	170	0.31	0.14	0.16	0.42	20.3	5.7	23
FGL040- 04+ 75N		0.26	0.0013	0.09	1.65	9.4	<0.2	<10	200	0.29	0.12	0.18	0.12	16.25	6.6	22
FGL040- 05+ 00N		0.52	0.0008	0.04	2.01	14.0	<0.2	<10	570	0.38	0.15	0.20	0.52	21.1	8.2	26
FGL040- 05+ 25N		0.42	0.0013	0.06	2.29	9.8	<0.2	<10	310	0.44	0.16	0.24	0.16	23.1	10.6	35
FGL040- 05+ 50N		0.47	0.0108	0.12	1.56	11.6	<0.2	<10	570	0.42	0.17	0.29	0.18	33.8	7.9	27
FGL040- 05+ 75N		0.39	0.0010	0.06	2.05	11.9	<0.2	<10	230	0.33	0.16	0.17	0.15	22.5	8.3	28
FGL040- 06+ 00N		0.49	0.0003	0.07	1.01	4.7	<0.2	<10	220	0.18	0.09	0.16	0.06	11.40	4.5	12
FGL040- 06+ 25N		0.35	0.0014	0.10	1.84	5.6	<0.2	<10	260	0.36	0.18	0.22	0.12	17.55	5.7	22
FGL040- 06+ 50N		0.39	0.0007	0.15	2.13	13.2	<0.2	<10	250	0.49	0.25	0.17	0.10	17.70	8.0	28
FGL040- 06+ 75N		0.38	0.0009	0.05	1.82	7.4	<0.2	<10	350	0.45	0.10	0.22	0.11	19.35	7.2	20
FGL040- 07+ 00N		0.36	0.0010	0.03	2.21	11.4	<0.2	<10	170	0.45	0.15	0.21	0.16	21.7	10.6	31
FGL040- 07+ 25N		0.44	0.0004	0.04	0.80	3.1	<0.2	<10	100	0.25	0.05	0.20	0.06	17.15	4.2	9
FGL040- 07+ 50N		0.31	0.0009	0.06	0.87	3.6	<0.2	<10	120	0.26	0.08	0.16	0.08	16.90	3.5	11
FGL038- 04+ 00N		0.57	0.0049	0.05	1.49	8.8	<0.2	<10	130	0.26	0.13	0.15	0.11	15.60	6.1	24



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
FGL039- 05+50N		2.33	16.9	2.43	6.53	<0.05	0.07	0.01	0.021	0.06	9.9	11.7	0.48	209	0.62	0.01
FGL039- 05+75N		2.45	8.2	2.30	4.07	<0.05	<0.02	0.01	0.020	0.05	10.5	8.7	0.35	421	0.48	0.01
FGL039- 06+00N		3.26	12.3	2.50	6.86	<0.05	0.10	0.01	0.020	0.06	10.8	12.1	0.47	249	0.61	0.01
FGL038- 06+25N		2.03	18.5	3.15	8.74	<0.05	0.11	0.02	0.031	0.07	12.1	15.3	0.59	320	0.79	0.01
FGL038- 06+50N		1.71	13.9	3.23	7.35	<0.05	0.04	0.01	0.028	0.07	11.5	15.5	0.57	583	0.77	0.01
FGL038- 06+75N		1.46	46.0	2.94	7.56	<0.05	0.02	0.02	0.027	0.05	16.2	10.8	0.51	382	0.74	0.02
FGL038- 07+00N		1.50	18.0	3.17	7.28	<0.05	0.11	0.02	0.027	0.07	13.4	14.4	0.61	301	0.69	0.02
FGL038- 07+25N		2.32	23.3	2.56	7.14	0.06	<0.02	0.03	0.026	0.06	18.0	13.1	0.60	552	0.47	0.02
FGL038- 07+50N		3.19	16.1	2.20	5.85	0.06	0.03	0.02	0.022	0.05	21.2	12.2	0.50	392	0.39	0.02
FGL039- 00+00N		1.56	14.0	2.45	5.35	<0.05	0.13	0.01	0.024	0.07	10.4	12.0	0.51	243	0.63	0.01
FGL039- 00+25N		1.18	26.6	2.56	6.24	0.07	0.08	0.02	0.025	0.06	24.0	11.4	0.56	438	0.49	0.01
FGL039- 00+50N		2.09	10.9	1.82	4.66	<0.05	0.02	0.01	0.017	0.05	10.6	8.2	0.34	362	0.40	0.01
FGL039- 00+75N		3.39	15.9	2.49	6.19	<0.05	0.03	0.01	0.025	0.08	9.8	12.0	0.43	251	0.68	0.01
FGL039- 01+00N		3.56	17.6	2.67	5.66	<0.05	0.03	0.02	0.025	0.08	11.3	12.0	0.48	271	0.59	0.01
FGL039- 01+25N		4.32	16.1	2.44	5.55	<0.05	0.03	0.02	0.024	0.07	15.8	9.7	0.47	302	0.53	0.02
FGL039- 01+50N		2.82	17.2	2.51	6.45	<0.05	0.08	0.02	0.028	0.09	10.6	11.0	0.52	304	0.62	0.01
FGL039- 01+75N		2.51	19.7	2.07	5.85	<0.05	0.02	0.01	0.020	0.07	11.6	8.6	0.36	482	0.54	0.02
FGL039- 02+00N		1.24	15.1	1.61	4.74	<0.05	0.02	0.01	0.014	0.05	10.8	6.4	0.26	185	0.43	0.02
FGL039- 02+25N		1.31	12.0	1.97	5.28	<0.05	0.02	0.01	0.017	0.05	7.9	7.4	0.30	232	0.55	0.02
FGL039- 02+50N		1.44	15.0	2.36	6.45	<0.05	0.06	0.01	0.023	0.06	12.3	12.0	0.45	231	0.67	0.01
FGL039- 02+75N		1.13	12.3	1.73	5.10	<0.05	0.02	0.01	0.014	0.05	8.2	7.7	0.24	161	0.51	0.01
FGL039- 03+00N		3.79	20.6	1.13	3.83	<0.05	<0.02	0.03	0.012	0.07	7.1	3.5	0.10	95	0.34	0.02
FGL039- 03+25N		2.98	18.3	2.31	5.79	<0.05	0.03	0.01	0.027	0.07	9.9	10.2	0.41	386	0.64	0.01
FGL039- 03+50N		2.33	15.1	2.41	6.67	<0.05	0.03	0.02	0.025	0.06	10.0	11.9	0.41	246	0.59	0.01
FGL039- 03+75N		1.59	12.7	2.59	6.99	<0.05	0.10	0.01	0.023	0.08	10.8	13.4	0.50	239	0.68	0.01
FGL040- 04+25N		1.75	21.3	2.90	7.07	<0.05	0.12	0.01	0.028	0.07	11.8	12.6	0.57	305	0.74	0.01
FGL040- 04+50N		1.75	17.1	2.48	6.72	<0.05	0.03	0.02	0.023	0.07	10.9	10.1	0.36	175	0.69	0.01
FGL040- 04+75N		1.35	16.6	2.23	5.40	<0.05	0.03	0.01	0.021	0.07	8.3	9.5	0.40	219	0.55	0.01
FGL040- 05+00N		2.69	16.2	3.06	6.58	<0.05	0.10	0.02	0.028	0.06	11.2	12.2	0.43	223	0.89	0.01
FGL040- 05+25N		1.83	18.0	3.05	6.50	<0.05	0.08	0.01	0.029	0.08	11.9	12.9	0.54	344	0.99	0.01
FGL040- 05+50N		2.85	15.8	2.37	4.59	0.06	0.04	0.02	0.023	0.07	19.0	9.1	0.45	400	0.55	0.01
FGL040- 05+75N		3.31	14.2	2.84	6.56	<0.05	0.07	0.01	0.023	0.07	11.6	14.0	0.51	264	0.65	0.01
FGL040- 06+00N		1.33	12.8	1.55	4.26	<0.05	0.02	0.01	0.011	0.06	5.4	5.9	0.23	179	0.36	0.02
FGL040- 06+25N		1.47	13.9	2.47	8.40	<0.05	0.03	0.02	0.023	0.05	9.3	9.4	0.35	266	0.67	0.01
FGL040- 06+50N		1.59	24.0	2.96	8.19	<0.05	0.03	0.01	0.028	0.07	8.8	19.7	0.53	262	0.70	0.01
FGL040- 06+75N		1.64	14.8	2.56	7.46	<0.05	<0.02	0.02	0.020	0.08	9.4	17.0	0.60	301	0.49	0.01
FGL040- 07+00N		1.74	19.5	3.03	7.15	<0.05	0.03	0.03	0.028	0.10	9.0	18.5	0.61	358	0.70	0.01
FGL040- 07+25N		1.45	8.8	1.19	2.90	<0.05	<0.02	0.01	0.011	0.04	7.4	4.7	0.22	252	0.22	0.02
FGL040- 07+50N		1.77	11.4	1.22	3.59	<0.05	<0.02	0.01	0.012	0.05	8.2	4.8	0.19	139	0.31	0.02
FGL038- 04+00N		1.07	12.8	2.26	6.09	<0.05	0.04	0.01	0.019	0.06	7.7	11.1	0.42	201	0.61	0.01



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Method Analyte Units LOR	ME- MS41 Nb ppm	ME- MS41 Ni ppm	ME- MS41 P ppm	ME- MS41 Pb ppm	ME- MS41 Rb ppm	ME- MS41 Re ppm	ME- MS41 S %	ME- MS41 Sb ppm	ME- MS41 Sc ppm	ME- MS41 Se ppm	ME- MS41 Sn ppm	ME- MS41 Sr ppm	ME- MS41 Ta ppm	ME- MS41 Te ppm	ME- MS41 Th ppm
Sample Description	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
FGL039- 05+ 50N	1.28	16.5	230	7.9	9.1	<0.001	0.02	0.43	3.3	0.2	0.6	20.1	<0.01	0.02	2.4
FGL039- 05+ 75N	0.63	10.5	450	22.6	8.3	<0.001	0.02	0.89	2.2	<0.2	0.3	17.0	<0.01	0.08	1.3
FGL039- 06+ 00N	1.52	16.5	240	7.5	8.8	<0.001	0.02	0.36	3.7	0.3	0.6	19.7	<0.01	0.02	2.7
FGL038- 06+ 25N	1.81	22.3	300	11.6	10.9	<0.001	0.02	0.46	4.8	0.3	0.8	19.8	<0.01	0.03	3.3
FGL038- 06+ 50N	1.62	18.7	660	8.6	10.8	<0.001	0.02	0.45	3.9	0.2	0.6	19.6	<0.01	0.02	2.1
FGL038- 06+ 75N	1.48	22.3	390	9.2	8.7	<0.001	0.02	0.34	4.5	0.5	0.6	30.4	<0.01	0.03	1.4
FGL038- 07+ 00N	1.88	21.4	470	8.8	9.2	<0.001	0.02	0.36	4.9	0.3	0.7	20.5	<0.01	0.02	3.2
FGL038- 07+ 25N	0.82	21.5	750	7.2	6.4	<0.001	0.03	0.46	4.0	0.8	0.5	36.9	<0.01	0.02	0.4
FGL038- 07+ 50N	1.12	15.9	450	8.8	7.2	<0.001	0.02	0.46	4.6	0.6	0.5	30.7	<0.01	0.02	2.9
FGL039- 00+ 00N	1.31	20.3	370	7.1	9.6	<0.001	0.01	0.44	3.8	0.3	0.5	15.6	<0.01	0.02	3.4
FGL039- 00+ 25N	0.86	27.4	520	7.5	9.2	<0.001	0.01	0.49	6.1	0.5	0.6	30.9	<0.01	0.02	4.2
FGL039- 00+ 50N	0.87	11.6	410	6.1	7.5	<0.001	0.01	0.38	2.6	0.3	0.4	21.1	<0.01	0.02	1.6
FGL039- 00+ 75N	1.54	16.7	270	7.8	13.1	<0.001	0.01	0.61	3.5	0.2	0.6	21.1	<0.01	0.02	2.3
FGL039- 01+ 00N	1.14	19.6	350	7.8	11.5	<0.001	0.02	0.61	3.7	0.4	0.5	27.1	<0.01	0.03	2.1
FGL039- 01+ 25N	1.18	18.9	500	7.8	9.4	<0.001	0.02	0.65	4.1	0.4	0.5	35.3	<0.01	0.01	3.4
FGL039- 01+ 50N	1.51	22.8	430	8.9	11.4	<0.001	0.02	0.43	4.3	0.5	0.6	18.1	<0.01	0.06	2.9
FGL039- 01+ 75N	1.09	14.2	380	6.8	12.4	<0.001	0.02	0.35	3.3	0.4	0.5	18.7	<0.01	0.02	1.7
FGL039- 02+ 00N	0.98	10.9	310	5.3	8.5	<0.001	0.02	0.24	2.7	0.3	0.4	15.2	<0.01	0.01	1.2
FGL039- 02+ 25N	1.06	12.0	330	5.2	9.3	<0.001	0.02	0.30	2.4	0.3	0.4	16.2	<0.01	0.01	1.2
FGL039- 02+ 50N	1.52	19.1	300	7.2	10.5	<0.001	0.02	0.41	3.8	0.4	0.6	20.5	<0.01	0.03	2.6
FGL039- 02+ 75N	1.15	9.6	190	7.7	9.7	<0.001	0.01	0.34	2.1	<0.2	0.4	15.0	<0.01	0.02	1.2
FGL039- 03+ 00N	0.54	4.9	290	18.5	11.7	<0.001	0.02	0.41	1.3	<0.2	0.3	8.9	<0.01	0.01	0.5
FGL039- 03+ 25N	1.28	16.0	370	38.2	13.7	<0.001	0.02	1.33	3.2	0.2	0.5	15.8	<0.01	0.02	2.0
FGL039- 03+ 50N	1.49	15.5	370	19.9	9.8	<0.001	0.02	0.43	3.5	0.3	0.6	18.1	<0.01	0.03	2.0
FGL039- 03+ 75N	1.24	15.9	240	22.1	12.6	<0.001	0.01	0.36	3.8	0.2	0.6	18.4	<0.01	0.02	2.8
FGL040- 04+ 25N	1.66	25.3	280	55.4	11.3	<0.001	0.02	0.50	4.2	0.2	0.6	20.3	<0.01	0.03	3.3
FGL040- 04+ 50N	1.53	14.4	240	122.0	15.3	<0.001	0.02	0.48	3.0	0.2	0.6	17.9	<0.01	0.02	1.8
FGL040- 04+ 75N	1.35	17.0	260	10.1	8.0	<0.001	0.02	0.39	2.8	<0.2	0.5	18.8	<0.01	0.02	1.6
FGL040- 05+ 00N	1.67	18.5	240	20.6	9.4	<0.001	0.02	0.56	3.3	0.3	0.5	21.4	<0.01	0.03	2.9
FGL040- 05+ 25N	1.62	20.8	500	9.0	11.6	<0.001	0.02	0.45	4.4	0.3	0.7	19.5	0.01	0.02	3.4
FGL040- 05+ 50N	0.97	17.5	690	13.4	7.5	<0.001	0.02	0.50	4.5	0.6	0.5	22.8	<0.01	0.03	2.8
FGL040- 05+ 75N	1.20	17.3	270	10.9	10.9	<0.001	0.01	0.67	3.9	0.3	0.6	17.7	<0.01	0.02	2.4
FGL040- 06+ 00N	0.88	7.5	290	5.1	8.5	<0.001	0.02	0.44	1.7	<0.2	0.3	17.3	<0.01	0.02	1.1
FGL040- 06+ 25N	1.67	11.3	250	9.9	6.9	<0.001	0.02	0.37	2.9	0.2	0.8	21.2	<0.01	0.03	1.5
FGL040- 06+ 50N	1.71	16.0	300	8.9	8.6	<0.001	0.02	0.50	3.5	0.3	0.6	16.2	<0.01	0.06	1.9
FGL040- 06+ 75N	1.07	11.4	450	9.9	10.4	<0.001	0.02	0.48	3.0	0.4	0.5	20.8	<0.01	0.03	1.3
FGL040- 07+ 00N	1.58	19.0	540	7.1	12.2	<0.001	0.02	0.46	3.6	0.3	0.5	20.2	<0.01	0.04	2.1
FGL040- 07+ 25N	0.32	5.8	550	4.0	3.7	<0.001	0.01	0.27	0.9	0.2	0.2	14.9	<0.01	0.02	<0.2
FGL040- 07+ 50N	0.32	6.6	320	4.1	5.6	<0.001	0.01	0.25	0.8	0.4	0.2	15.1	<0.01	0.02	<0.2
FGL038- 04+ 00N	1.44	14.2	240	10.1	9.2	<0.001	0.01	0.35	2.9	0.2	0.5	14.8	<0.01	0.04	2.1



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL039- 05+ 50N		0.081	0.09	0.40	59	0.19	3.28	47	2.7
FGL039- 05+ 75N		0.025	0.08	0.29	35	0.12	3.64	81	<0.5
FGL039- 06+ 00N		0.074	0.09	0.49	60	0.22	4.52	50	3.7
FGL038- 06+ 25N		0.075	0.12	0.57	76	0.19	4.78	64	3.7
FGL038- 06+ 50N		0.082	0.07	0.52	72	0.21	4.46	53	1.2
FGL038- 06+ 75N		0.082	0.07	0.80	75	0.23	8.22	47	0.9
FGL038- 07+ 00N		0.098	0.09	0.62	73	0.17	6.04	55	4.1
FGL038- 07+ 25N		0.041	0.09	1.85	59	0.18	14.05	52	<0.5
FGL038- 07+ 50N		0.044	0.07	0.95	44	0.16	11.20	49	1.1
FGL039- 00+ 00N		0.076	0.09	0.53	52	0.18	3.64	49	4.0
FGL039- 00+ 25N		0.072	0.09	0.95	56	0.18	11.75	67	3.4
FGL039- 00+ 50N		0.048	0.07	0.32	42	0.43	4.38	40	0.9
FGL039- 00+ 75N		0.061	0.22	0.41	55	0.24	3.07	48	1.3
FGL039- 01+ 00N		0.064	0.11	0.41	58	0.16	4.71	56	1.0
FGL039- 01+ 25N		0.049	0.15	0.53	52	0.14	5.99	51	1.3
FGL039- 01+ 50N		0.066	0.10	0.45	54	0.19	4.11	64	2.7
FGL039- 01+ 75N		0.059	0.08	0.44	48	0.14	5.77	45	0.9
FGL039- 02+ 00N		0.061	0.08	0.44	40	0.14	5.31	30	0.9
FGL039- 02+ 25N		0.071	0.07	0.35	53	0.16	2.99	37	0.7
FGL039- 02+ 50N		0.074	0.09	0.49	56	0.18	4.91	46	2.0
FGL039- 02+ 75N		0.058	0.06	0.32	46	0.13	2.42	33	0.8
FGL039- 03+ 00N		0.037	0.07	0.24	31	0.09	2.02	41	<0.5
FGL039- 03+ 25N		0.062	0.11	0.42	53	0.24	3.20	85	1.2
FGL039- 03+ 50N		0.066	0.10	0.45	58	0.15	3.47	61	1.2
FGL039- 03+ 75N		0.084	0.11	0.45	63	0.22	3.45	58	3.7
FGL040- 04+ 25N		0.084	0.11	0.51	64	0.16	3.86	60	4.3
FGL040- 04+ 50N		0.075	0.08	0.39	60	0.18	3.58	72	1.3
FGL040- 04+ 75N		0.065	0.07	0.35	52	0.14	2.62	50	1.1
FGL040- 05+ 00N		0.055	0.10	0.42	62	0.18	3.07	89	3.3
FGL040- 05+ 25N		0.091	0.12	0.73	67	0.20	4.84	65	3.3
FGL040- 05+ 50N		0.064	0.09	0.78	48	0.17	10.30	61	1.4
FGL040- 05+ 75N		0.068	0.09	0.45	61	0.21	5.18	54	2.6
FGL040- 06+ 00N		0.046	0.05	0.22	41	0.11	1.87	31	1.1
FGL040- 06+ 25N		0.070	0.08	0.41	70	0.18	2.90	40	1.0
FGL040- 06+ 50N		0.088	0.09	0.38	70	0.28	2.90	54	1.2
FGL040- 06+ 75N		0.038	0.08	0.36	53	0.16	3.24	53	0.6
FGL040- 07+ 00N		0.072	0.09	0.43	65	0.23	3.28	60	1.1
FGL040- 07+ 25N		0.035	0.04	0.26	31	0.09	3.89	24	<0.5
FGL040- 07+ 50N		0.036	0.05	0.31	32	0.11	4.78	25	<0.5
FGL038- 04+ 00N		0.085	0.08	0.34	57	0.15	2.55	49	1.6

***** See Appendix Page for comments regarding this certificate *****



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Sample Description	Method	WEI- 21	Au- ST43	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR		0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
FGL038- 04+25N		0.43	0.0021	0.19	2.24	11.1	<0.2	<10	270	0.74	0.18	0.26	0.18	24.3	10.1	31
FGL038- 04+50N		0.50	0.0008	0.09	1.45	7.6	<0.2	<10	150	0.29	0.10	0.16	0.14	16.00	6.4	22
FGL038- 04+75N		0.46	0.0011	0.06	1.44	7.1	<0.2	<10	180	0.37	0.11	0.14	0.09	16.35	6.0	20
FGL038- 05+00N		0.55	0.0069	0.10	1.67	7.8	<0.2	<10	200	0.45	0.13	0.19	0.07	16.40	5.9	23
FGL038- 05+25N		0.50	0.0011	0.05	1.59	7.6	<0.2	<10	200	0.42	0.11	0.17	0.07	20.1	5.9	21
FGL038- 05+50N		0.50	0.0012	0.09	1.72	11.0	<0.2	<10	260	0.39	0.15	0.20	0.10	21.3	6.6	26
FGL038- 05+75N		0.52	0.0038	0.09	1.67	8.9	<0.2	<10	190	0.40	0.13	0.25	0.09	19.70	6.7	26
FGL038- 06+00N		0.43	0.0024	0.08	1.80	8.9	<0.2	<10	290	0.69	0.17	0.31	0.11	29.1	9.6	29
FGL043- 06+25N		0.38	0.0017	0.07	1.37	11.5	<0.2	<10	170	0.28	0.19	0.19	0.19	19.25	5.8	25
FGL043- 06+50N		0.52	0.0019	0.05	2.16	13.5	<0.2	<10	170	0.45	0.20	0.18	0.26	22.8	9.5	30
FGL043- 06+75N		0.44	0.0019	0.08	2.14	12.8	<0.2	<10	210	0.48	0.17	0.17	0.10	20.7	9.7	32
FGL043- 07+00N		0.43	0.0012	0.10	2.07	8.7	<0.2	<10	190	0.36	0.18	0.20	0.10	18.65	5.8	35
FGL043- 07+25N		0.31	0.0024	0.04	0.45	2.9	<0.2	<10	40	0.10	0.08	0.06	0.04	5.23	2.2	4
FGL043- 07+50N		0.47	0.0134	0.23	0.46	36.7	<0.2	<10	100	0.17	0.71	0.18	0.11	13.00	3.6	6
FGL041- 00+00N		0.35	0.0017	0.14	1.80	15.9	<0.2	<10	820	0.55	0.16	0.31	0.19	28.9	9.9	28
FGL041- 00+25N		0.53	0.0014	0.13	2.13	12.3	<0.2	<10	450	0.52	0.16	0.23	0.09	22.9	8.5	33
FGL041- 00+50N		0.50	0.0034	0.07	1.90	10.6	<0.2	<10	290	0.37	0.15	0.21	0.10	22.1	8.5	29
FGL041- 00+75N		0.46	0.0042	0.03	1.98	12.7	<0.2	<10	250	0.40	0.17	0.19	0.12	25.3	10.1	30
FGL041- 01+00N		0.60	0.0043	0.07	1.69	9.0	<0.2	<10	460	0.47	0.11	0.33	0.06	26.9	7.9	29
FGL041- 01+25N		0.52	0.0010	0.14	1.83	11.3	<0.2	<10	250	0.39	0.16	0.23	0.14	22.7	8.2	29
FGL041- 01+50N		0.49	0.0008	0.10	1.84	9.4	<0.2	<10	330	0.38	0.18	0.25	0.21	21.8	6.6	28
FGL041- 01+75N		0.28	0.0007	0.07	0.92	4.8	<0.2	<10	190	0.17	0.12	0.11	0.23	13.35	3.3	13
FGL041- 02+00N		0.38	0.0007	0.28	0.94	3.9	<0.2	<10	240	0.24	0.19	0.19	0.37	15.25	2.9	13
FGL041- 02+25N		0.54	0.0025	0.20	1.71	10.9	<0.2	<10	370	0.39	0.38	0.25	0.34	21.6	6.5	25
FGL041- 02+50N		0.59	0.0013	0.21	1.60	10.5	<0.2	<10	380	0.36	0.30	0.24	0.27	18.95	6.6	25
FGL041- 02+75N		0.58	0.0010	0.29	1.29	7.9	<0.2	<10	390	0.33	0.29	0.13	0.34	17.60	6.1	16
FGL041- 03+00N		0.48	0.0023	0.34	1.86	10.4	<0.2	<10	510	0.44	0.26	0.28	0.16	20.5	7.1	29
FGL041- 03+25N		0.58	0.0027	0.21	1.65	11.2	<0.2	<10	290	0.30	0.60	0.24	0.25	18.40	6.3	26
FGL041- 03+50N		0.55	0.0035	0.35	2.24	17.1	<0.2	<10	420	0.58	0.43	0.26	0.15	28.9	9.0	34
FGL041- 06+25N		0.37	0.0016	0.14	1.03	5.7	<0.2	<10	220	0.23	0.20	0.19	0.11	14.20	6.6	14
FGL041- 06+50N		0.33	0.0017	0.10	1.70	10.5	<0.2	<10	180	0.37	0.18	0.32	0.08	22.2	7.1	29
FGL041- 06+75N		0.38	0.0014	0.09	2.34	14.0	<0.2	<10	300	0.55	0.18	0.30	0.12	27.6	9.0	36
FGL041- 07+00N		0.49	0.0017	0.06	1.96	16.8	<0.2	<10	240	0.43	0.17	0.23	0.08	27.8	6.5	33
FGL041- 07+25N		0.39	0.0013	0.02	2.23	12.0	<0.2	<10	180	0.45	0.13	0.19	0.12	25.8	10.7	33
FGL041- 07+50N		0.46	0.0029	0.04	2.05	11.4	<0.2	<10	140	0.40	0.13	0.16	0.17	21.2	9.7	29
FGL042- 06+25N		0.38	0.0015	0.10	1.12	10.3	<0.2	<10	120	0.20	0.23	0.13	0.17	17.90	10.9	20
FGL042- 06+50N		0.35	0.0018	0.12	1.53	13.5	<0.2	<10	210	0.33	0.21	0.18	0.11	19.95	6.4	23
FGL042- 06+75N		0.43	0.0036	0.12	2.12	25.4	<0.2	<10	270	0.58	0.53	0.19	0.15	29.1	10.4	26
FGL042- 07+00N		0.44	0.0019	0.29	2.25	17.5	<0.2	<10	270	0.62	0.27	0.24	0.07	23.8	8.5	32
FGL042- 07+25N		0.44	0.0016	0.07	2.04	25.4	<0.2	<10	330	0.68	0.11	0.22	0.09	26.5	9.5	21



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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
LOR		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
FGL038- 04+25N		1.88	31.4	3.06	8.39	<0.05	0.05	0.01	0.028	0.09	12.1	15.8	0.48	449	0.93	0.01
FGL038- 04+50N		1.39	11.6	2.10	5.50	<0.05	0.04	0.01	0.019	0.07	7.9	10.3	0.41	273	0.50	0.01
FGL038- 04+75N		1.49	15.6	2.01	5.28	<0.05	0.03	0.01	0.017	0.05	8.3	7.9	0.32	205	0.46	0.01
FGL038- 05+00N		1.59	13.0	2.08	6.12	<0.05	0.02	0.01	0.017	0.06	7.9	10.8	0.38	200	0.51	0.01
FGL038- 05+25N		1.64	14.0	1.94	5.37	<0.05	0.02	0.01	0.016	0.06	9.6	9.3	0.35	183	0.46	0.01
FGL038- 05+50N		1.91	12.9	2.45	6.42	<0.05	0.02	0.01	0.024	0.06	10.5	14.1	0.42	250	0.71	0.01
FGL038- 05+75N		1.64	13.5	2.29	5.64	<0.05	0.03	0.01	0.020	0.07	9.3	12.4	0.49	221	0.48	0.01
FGL038- 06+00N		1.88	15.2	2.50	6.06	<0.05	0.02	0.01	0.023	0.05	15.3	13.8	0.56	443	0.47	0.01
FGL043- 06+25N		1.57	16.9	2.79	7.51	<0.05	0.03	<0.01	0.021	0.06	9.6	11.8	0.38	238	0.79	0.01
FGL043- 06+50N		2.92	27.8	2.64	6.12	<0.05	0.02	0.01	0.025	0.07	9.2	14.5	0.54	323	0.61	0.01
FGL043- 06+75N		2.13	22.6	2.62	5.79	<0.05	0.05	0.02	0.024	0.07	9.8	14.9	0.53	248	0.59	0.01
FGL043- 07+00N		2.20	18.9	2.96	7.21	<0.05	0.03	0.02	0.028	0.05	9.5	15.1	0.43	153	0.67	0.01
FGL043- 07+25N		0.64	5.6	0.83	2.69	<0.05	<0.02	0.01	0.006	0.03	2.5	1.9	0.05	88	0.23	0.02
FGL043- 07+50N		2.96	6.2	1.67	1.98	<0.05	<0.02	0.03	0.014	0.05	8.2	2.6	0.12	172	0.55	0.02
FGL041- 00+00N		4.66	25.8	2.74	6.92	0.05	<0.02	0.01	0.030	0.08	16.6	13.7	0.50	581	0.60	0.01
FGL041- 00+25N		3.17	16.4	2.77	7.18	<0.05	0.04	0.01	0.028	0.07	11.3	15.2	0.52	289	0.65	0.01
FGL041- 00+50N		1.93	15.2	2.66	7.14	<0.05	0.04	0.01	0.025	0.06	10.7	16.6	0.51	289	0.67	0.01
FGL041- 00+75N		1.32	20.3	2.78	6.10	<0.05	0.03	0.02	0.025	0.07	11.1	16.2	0.55	302	0.66	0.01
FGL041- 01+00N		1.66	19.5	2.39	5.45	<0.05	0.03	0.03	0.023	0.06	14.3	12.5	0.54	311	0.39	0.01
FGL041- 01+25N		1.52	19.2	2.65	6.64	<0.05	0.03	0.02	0.025	0.06	11.1	14.2	0.52	300	0.67	0.01
FGL041- 01+50N		2.20	17.1	2.45	7.28	<0.05	0.02	0.01	0.028	0.06	11.2	13.6	0.48	298	0.69	0.01
FGL041- 01+75N		1.38	12.7	1.35	4.95	<0.05	<0.02	0.01	0.017	0.04	7.4	6.2	0.20	152	0.41	0.01
FGL041- 02+00N		1.50	29.1	1.44	5.43	<0.05	<0.02	0.01	0.015	0.04	8.2	3.7	0.15	101	0.50	0.01
FGL041- 02+25N		2.53	21.2	2.56	6.81	<0.05	0.02	0.01	0.030	0.07	10.7	11.9	0.43	285	0.66	0.01
FGL041- 02+50N		2.49	18.0	2.44	6.45	<0.05	<0.02	0.01	0.025	0.06	10.8	11.8	0.40	247	0.70	0.01
FGL041- 02+75N		4.60	24.3	1.88	5.30	<0.05	<0.02	0.03	0.020	0.05	12.8	9.5	0.21	358	0.48	0.01
FGL041- 03+00N		2.33	18.9	2.54	6.55	<0.05	0.02	0.01	0.023	0.06	11.9	14.2	0.49	264	0.60	0.01
FGL041- 03+25N		3.41	16.9	2.23	5.90	<0.05	0.02	0.02	0.024	0.07	10.0	11.8	0.44	295	0.52	0.01
FGL041- 03+50N		4.01	24.9	2.86	7.13	<0.05	0.04	0.02	0.033	0.07	14.3	15.6	0.57	358	0.68	0.01
FGL041- 06+25N		1.73	14.5	1.72	6.62	<0.05	<0.02	0.01	0.013	0.05	7.1	4.9	0.24	609	0.97	0.01
FGL041- 06+50N		1.82	13.8	2.49	6.58	<0.05	0.02	0.02	0.022	0.07	11.3	14.5	0.49	241	0.63	0.01
FGL041- 06+75N		4.06	20.0	3.47	8.20	<0.05	0.02	0.02	0.033	0.10	12.3	17.9	0.62	337	0.94	0.01
FGL041- 07+00N		3.55	16.8	2.84	7.67	<0.05	0.02	0.02	0.027	0.08	15.0	13.2	0.47	201	0.64	0.01
FGL041- 07+25N		2.77	21.8	2.64	5.92	<0.05	0.06	0.01	0.025	0.08	9.9	14.2	0.56	296	0.58	0.01
FGL041- 07+50N		1.59	26.8	2.53	5.74	<0.05	0.03	0.01	0.024	0.07	9.5	14.6	0.49	221	0.66	0.01
FGL042- 06+25N		6.03	13.0	1.95	6.80	<0.05	0.02	0.01	0.017	0.06	9.0	6.3	0.26	780	0.86	<0.01
FGL042- 06+50N		8.33	15.5	2.78	6.55	<0.05	<0.02	0.01	0.023	0.06	10.8	9.3	0.34	358	0.87	0.01
FGL042- 06+75N		6.36	22.6	3.39	6.05	<0.05	0.02	0.03	0.033	0.08	11.8	13.8	0.49	472	0.65	0.01
FGL042- 07+00N		4.53	18.3	3.24	7.18	<0.05	0.02	0.02	0.031	0.08	13.1	16.0	0.55	310	0.74	0.01
FGL042- 07+25N		10.10	12.9	3.03	6.53	<0.05	<0.02	0.03	0.029	0.09	16.2	12.4	0.44	424	0.50	0.01

***** See Appendix Page for comments regarding this certificate *****



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm	ME- MS41 Ni ppm	ME- MS41 P ppm	ME- MS41 Pb ppm	ME- MS41 Rb ppm	ME- MS41 Re ppm	ME- MS41 S %	ME- MS41 Sb ppm	ME- MS41 Sc ppm	ME- MS41 Se ppm	ME- MS41 Sn ppm	ME- MS41 Sr ppm	ME- MS41 Ta ppm	ME- MS41 Te ppm	ME- MS41 Th ppm
FGL038- 04+25N		1.83	17.6	360	40.1	16.4	<0.001	0.01	0.40	4.3	0.5	0.6	28.3	<0.01	0.04	2.6
FGL038- 04+50N		1.25	13.1	370	11.9	10.6	<0.001	0.01	0.34	2.6	0.2	0.4	13.8	<0.01	0.04	2.2
FGL038- 04+75N		1.11	12.2	280	10.5	9.4	<0.001	0.01	0.30	2.8	0.2	0.4	14.7	<0.01	0.03	1.8
FGL038- 05+00N		1.28	13.2	240	6.7	9.7	<0.001	0.01	0.28	2.9	0.2	0.4	19.4	<0.01	0.03	1.4
FGL038- 05+25N		1.13	12.9	290	6.4	8.2	<0.001	0.01	0.31	3.2	0.5	0.4	17.0	<0.01	0.04	1.6
FGL038- 05+50N		1.61	14.2	320	8.6	9.0	<0.001	0.01	0.39	3.6	0.3	0.5	18.1	<0.01	0.04	2.5
FGL038- 05+75N		1.36	15.5	430	7.6	7.8	<0.001	0.01	0.38	3.3	0.3	0.4	20.8	<0.01	0.02	2.1
FGL038- 06+00N		1.20	14.9	390	11.0	7.5	<0.001	0.01	0.40	4.5	0.5	0.5	23.5	<0.01	0.04	2.8
FGL043- 06+25N		1.74	10.9	520	8.8	10.5	<0.001	0.01	0.48	2.8	0.2	0.6	19.2	<0.01	0.04	2.0
FGL043- 06+50N		1.52	20.1	360	11.0	10.2	<0.001	0.01	0.91	3.5	0.4	0.5	19.1	0.01	0.06	2.1
FGL043- 06+75N		1.54	22.2	340	8.7	8.8	<0.001	0.01	0.66	3.8	0.4	0.5	16.1	<0.01	0.05	3.2
FGL043- 07+00N		2.11	13.6	380	9.4	9.1	<0.001	0.02	0.39	3.5	0.5	0.6	18.6	0.01	0.04	2.2
FGL043- 07+25N		0.41	2.3	250	2.8	2.2	<0.001	0.01	0.24	0.4	<0.2	0.2	8.7	<0.01	0.03	<0.2
FGL043- 07+50N		0.17	3.4	390	23.1	4.0	<0.001	0.05	2.11	0.6	0.5	<0.2	19.6	<0.01	0.29	<0.2
FGL041- 00+00N		1.08	16.9	460	9.6	13.0	<0.001	0.01	0.47	3.6	0.4	0.5	35.1	<0.01	0.04	1.2
FGL041- 00+25N		1.67	17.8	360	9.3	10.3	<0.001	0.01	0.37	4.2	0.5	0.5	21.1	<0.01	0.04	2.8
FGL041- 00+50N		1.53	17.6	380	8.1	9.0	<0.001	0.01	0.32	3.9	0.2	0.5	18.6	<0.01	0.04	2.8
FGL041- 00+75N		1.46	21.9	360	7.5	7.9	<0.001	0.01	0.48	3.7	0.4	0.5	18.1	<0.01	0.04	2.4
FGL041- 01+00N		1.07	17.7	530	7.7	6.1	<0.001	0.01	0.37	4.2	0.5	0.4	23.3	<0.01	0.04	2.8
FGL041- 01+25N		1.53	18.8	390	12.4	9.4	<0.001	0.01	0.43	3.8	0.4	0.5	21.3	<0.01	0.04	2.6
FGL041- 01+50N		1.50	14.7	270	20.2	11.1	<0.001	0.01	0.36	3.7	0.2	0.6	22.6	<0.01	0.03	2.2
FGL041- 01+75N		0.54	6.0	270	9.7	8.7	<0.001	0.01	0.31	1.0	0.2	0.4	13.4	<0.01	0.02	<0.2
FGL041- 02+00N		0.48	6.3	330	11.0	6.6	<0.001	0.02	0.24	0.7	0.2	0.4	18.3	<0.01	0.03	<0.2
FGL041- 02+25N		1.32	13.6	450	34.9	8.8	<0.001	0.01	0.63	3.4	0.3	0.5	24.2	<0.01	0.03	1.7
FGL041- 02+50N		1.30	13.3	340	20.1	9.6	<0.001	0.01	0.49	3.2	0.4	0.5	23.7	<0.01	0.04	1.6
FGL041- 02+75N		0.85	8.1	290	32.0	9.4	<0.001	0.01	0.44	2.0	0.2	0.4	14.9	<0.01	0.03	0.6
FGL041- 03+00N		1.48	15.7	360	13.4	8.1	<0.001	0.01	0.42	3.7	0.3	0.5	20.3	<0.01	0.03	2.2
FGL041- 03+25N		1.16	13.8	340	30.2	11.9	<0.001	0.01	0.77	3.2	0.2	0.4	19.7	<0.01	0.04	2.0
FGL041- 03+50N		1.53	20.3	430	51.7	11.7	<0.001	0.01	0.72	5.0	0.4	0.6	22.3	<0.01	0.04	3.2
FGL041- 06+25N		0.67	6.9	430	8.1	14.9	<0.001	0.02	0.36	1.3	0.3	0.5	19.7	<0.01	0.04	<0.2
FGL041- 06+50N		1.48	15.2	540	9.5	8.7	<0.001	0.01	0.37	3.5	0.3	0.5	22.3	<0.01	0.04	1.2
FGL041- 06+75N		1.89	20.5	540	12.8	11.9	<0.001	0.01	0.47	5.1	0.3	0.6	23.7	<0.01	0.04	2.6
FGL041- 07+00N		1.78	15.1	510	10.0	11.3	<0.001	0.01	0.55	4.8	0.4	0.7	19.7	<0.01	0.03	2.4
FGL041- 07+25N		1.63	24.0	270	9.7	10.0	<0.001	0.01	0.55	4.6	0.3	0.5	19.1	<0.01	0.03	3.5
FGL041- 07+50N		1.67	21.2	260	7.9	8.0	<0.001	0.01	0.52	3.7	0.2	0.5	17.1	<0.01	0.02	2.6
FGL042- 06+25N		1.53	7.9	340	17.1	16.5	<0.001	0.01	0.70	2.3	<0.2	0.6	13.8	<0.01	0.04	0.9
FGL042- 06+50N		1.17	9.8	450	12.3	8.9	<0.001	0.01	1.30	3.6	0.3	0.5	18.8	<0.01	0.07	1.0
FGL042- 06+75N		1.28	17.1	460	21.0	12.1	<0.001	0.02	2.59	4.0	0.4	0.4	20.3	<0.01	0.15	2.3
FGL042- 07+00N		1.70	17.3	400	17.8	10.6	<0.001	0.01	1.05	4.4	0.3	0.6	24.8	<0.01	0.07	3.0
FGL042- 07+25N		0.92	11.6	460	10.1	14.4	<0.001	0.01	1.60	3.9	0.3	0.4	19.0	<0.01	0.04	1.9



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL038- 04+25N		0.086	0.09	0.60	73	0.21	5.23	69	2.2
FGL038- 04+50N		0.079	0.08	0.31	51	0.13	2.57	50	1.8
FGL038- 04+75N		0.074	0.08	0.37	54	0.14	3.07	43	1.5
FGL038- 05+00N		0.073	0.09	0.38	53	0.15	3.26	42	0.8
FGL038- 05+25N		0.070	0.07	0.41	47	0.22	4.88	38	1.0
FGL038- 05+50N		0.075	0.09	0.44	57	0.19	3.98	45	1.1
FGL038- 05+75N		0.068	0.08	0.39	53	0.22	4.05	51	1.0
FGL038- 06+00N		0.063	0.08	0.63	59	0.16	8.65	61	0.7
FGL043- 06+25N		0.087	0.09	0.37	74	0.38	2.99	45	1.1
FGL043- 06+50N		0.071	0.11	0.44	57	0.20	3.34	63	0.8
FGL043- 06+75N		0.080	0.11	0.46	56	0.23	3.66	51	2.0
FGL043- 07+00N		0.089	0.13	0.55	68	0.23	3.40	44	1.3
FGL043- 07+25N		0.036	0.03	0.14	27	0.06	0.93	12	<0.5
FGL043- 07+50N		0.019	0.12	0.40	20	0.06	3.39	38	<0.5
FGL041- 00+00N		0.045	0.12	0.56	60	0.16	7.52	62	<0.5
FGL041- 00+25N		0.067	0.12	0.48	64	0.16	4.74	53	1.6
FGL041- 00+50N		0.074	0.10	0.43	63	0.17	4.06	50	1.8
FGL041- 00+75N		0.070	0.09	0.46	59	0.16	4.19	53	1.1
FGL041- 01+00N		0.066	0.09	0.54	54	0.16	6.74	51	1.2
FGL041- 01+25N		0.078	0.11	0.47	62	0.16	4.32	57	1.3
FGL041- 01+50N		0.073	0.12	0.41	62	0.18	4.38	69	1.1
FGL041- 01+75N		0.040	0.07	0.28	39	0.12	2.69	38	<0.5
FGL041- 02+00N		0.043	0.06	0.35	47	0.10	3.16	33	<0.5
FGL041- 02+25N		0.065	0.09	0.38	61	0.15	4.76	90	0.9
FGL041- 02+50N		0.059	0.10	0.40	59	0.15	4.89	66	<0.5
FGL041- 02+75N		0.041	0.09	0.33	48	0.11	5.18	70	<0.5
FGL041- 03+00N		0.076	0.11	0.49	63	0.18	5.15	57	1.0
FGL041- 03+25N		0.060	0.12	0.38	52	0.13	3.81	92	0.7
FGL041- 03+50N		0.071	0.16	0.62	63	0.18	6.67	83	2.0
FGL041- 06+25N		0.050	0.09	0.37	54	0.17	2.81	35	<0.5
FGL041- 06+50N		0.076	0.10	0.51	58	0.21	5.16	47	0.5
FGL041- 06+75N		0.079	0.14	0.56	76	0.20	6.65	64	0.8
FGL041- 07+00N		0.084	0.26	0.68	66	0.21	6.02	50	0.7
FGL041- 07+25N		0.086	0.11	0.51	57	0.16	3.69	54	2.8
FGL041- 07+50N		0.078	0.10	0.43	56	0.17	3.38	49	1.3
FGL042- 06+25N		0.084	0.19	0.36	57	0.19	2.31	37	0.6
FGL042- 06+50N		0.061	0.20	0.45	63	0.17	8.09	49	<0.5
FGL042- 06+75N		0.047	0.18	0.63	56	0.18	5.68	71	0.6
FGL042- 07+00N		0.070	0.15	0.61	64	0.17	5.32	65	0.9
FGL042- 07+25N		0.021	0.32	0.61	51	0.14	10.25	65	<0.5



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method	WEI- 21	Au- ST43	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR		0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
FGL042- 07+50N		0.38	0.0060	0.06	2.46	11.5	<0.2	<10	200	0.51	0.13	0.20	0.14	20.0	11.2	32
FGL044- 00+00N		0.35	0.0037	0.09	1.05	9.9	<0.2	<10	150	0.23	0.22	0.13	0.12	15.00	6.4	17
FGL044- 00+25N		0.30	0.0007	0.17	1.45	10.2	<0.2	<10	270	0.33	0.16	0.29	0.14	17.60	6.9	21
FGL044- 00+50N		0.44	0.0011	0.11	1.49	22.3	<0.2	<10	320	0.40	0.31	0.43	0.25	20.2	7.3	24
FGL044- 00+75N		0.29	0.0025	0.16	1.45	5.8	<0.2	<10	400	0.30	0.43	0.38	0.38	19.00	4.0	19
FGL044- 01+00N		0.39	0.0044	0.80	1.65	12.5	<0.2	<10	430	0.45	1.56	0.47	0.33	31.7	6.0	17
FGL044- 01+25N		0.45	0.0032	0.32	1.57	12.7	<0.2	<10	310	0.35	2.31	0.55	0.13	17.25	6.8	17
FGL044- 01+50N		0.48	0.0037	0.19	1.70	24.0	<0.2	<10	440	0.69	1.17	0.76	0.36	36.5	7.0	17
FGL044- 01+75N		0.47	0.0019	0.17	1.28	14.4	<0.2	<10	270	0.25	2.61	0.23	0.23	17.15	6.2	21
FGL044- 02+00N		0.37	0.0012	0.23	1.43	13.2	<0.2	<10	340	0.27	1.33	0.18	0.34	16.45	8.7	20
FGL044- 02+25N		0.35	0.0014	0.18	1.04	7.9	<0.2	<10	300	0.28	0.66	0.14	0.13	11.50	3.5	12
FGL044- 02+50N		0.42	0.0024	0.26	2.04	16.4	<0.2	<10	650	0.55	0.82	0.25	0.20	27.7	9.8	29
FGL044- 02+75N		0.58	0.0018	0.09	1.85	15.3	<0.2	<10	410	0.40	0.35	0.20	0.17	22.1	7.6	29
FGL044- 03+00N		0.41	0.0020	0.25	2.10	14.4	<0.2	<10	530	0.52	0.30	0.33	0.18	24.4	9.0	32
FGL044- 03+25N		0.44	0.0023	0.26	2.26	16.9	<0.2	<10	670	0.72	0.30	0.30	0.19	30.8	10.7	34
FGL044- 03+50N		0.50	0.0019	0.15	1.17	8.4	<0.2	<10	310	0.28	0.12	0.21	0.07	14.35	4.7	16
FGL044- 03+75N		0.37	0.0016	0.23	1.49	9.2	<0.2	<10	320	0.39	0.18	0.21	0.19	20.4	7.1	20
FGL044- 04+00N		0.53	0.0033	0.11	1.70	17.6	<0.2	<10	330	0.44	0.20	0.24	0.16	21.7	8.0	24
FGL044- 06+25N		0.35	0.0020	0.14	2.30	13.4	<0.2	<10	140	0.51	0.17	0.17	0.20	21.3	9.1	33
FGL044- 06+50N		0.46	0.0023	0.22	1.65	11.2	<0.2	<10	140	0.37	0.18	0.21	0.28	17.25	6.6	23
FGL044- 06+75N		0.52	0.0021	0.23	2.32	12.3	<0.2	<10	220	0.65	0.18	0.22	0.09	27.6	7.5	33
FGL044- 07+00N		0.48	0.0029	0.14	2.30	12.6	<0.2	<10	230	0.47	0.26	0.28	0.12	20.5	10.3	31
FGL044- 07+25N		0.50	0.0075	0.32	0.99	41.9	<0.2	<10	340	0.59	0.29	0.43	0.45	52.6	7.5	16
FGL044- 07+50N		0.41	0.0084	0.35	1.08	12.4	<0.2	<10	310	0.37	0.26	0.53	0.22	33.8	7.1	14
FGL046- 03+25N		0.32	0.0006	0.40	1.33	12.9	<0.2	<10	170	0.23	1.47	0.10	0.55	14.45	4.7	17
FGL046- 03+50N		0.49	0.0025	0.50	2.30	18.4	<0.2	<10	250	0.46	1.70	0.18	0.31	23.6	10.3	32
FGL046- 03+75N		0.53	0.0081	1.07	2.19	17.7	<0.2	<10	370	0.64	0.71	0.15	0.31	18.90	7.0	30
FGL046- 04+00N		0.40	0.0018	0.25	1.51	18.9	<0.2	<10	420	0.32	0.83	0.13	1.25	17.40	6.9	21
FGL046- 04+25N		0.45	0.0070	0.13	2.26	12.5	<0.2	<10	180	0.45	0.30	0.16	0.38	20.5	11.4	34
FGL046- 04+50N		0.42	0.0023	0.06	1.98	12.6	<0.2	<10	170	0.39	0.30	0.15	0.22	22.8	9.6	31
FGL046- 04+75N		0.37	0.0018	0.25	2.24	16.7	<0.2	<10	170	0.37	0.68	0.16	0.48	15.35	10.2	30
FGL046- 05+00N		0.60	0.0051	0.21	2.27	14.3	<0.2	<10	210	0.46	0.36	0.14	0.55	21.2	11.1	32
FGL046- 05+25N		0.59	0.0017	0.19	2.18	17.0	<0.2	<10	290	0.43	0.32	0.17	0.32	15.75	12.9	29
FGL046- 05+50N		0.49	0.0045	0.34	1.51	16.2	<0.2	<10	170	0.48	0.64	0.26	0.75	19.10	10.4	29
FGL046- 05+75N		0.43	0.0027	0.11	1.70	11.4	<0.2	<10	200	0.44	0.25	0.20	0.43	18.50	8.7	25
FGL046- 06+00N		0.38	0.0084	0.43	0.58	14.4	<0.2	<10	160	0.31	0.22	0.12	0.61	14.90	4.9	8
FGL036- 06+25N		0.46	0.0017	0.16	1.47	10.0	<0.2	<10	230	0.40	0.25	0.40	0.09	18.10	6.4	23
FGL036- 06+50N		0.46	0.0022	0.08	1.38	10.6	<0.2	<10	220	0.32	0.12	0.66	0.09	17.45	8.6	21
FGL036- 06+75N		0.56	0.0012	0.07	1.52	8.3	<0.2	<10	230	0.45	0.14	0.43	0.06	22.5	6.6	22
FGL036- 07+00N		0.42	0.0005	0.10	2.56	9.9	<0.2	<10	480	1.14	0.15	0.61	0.19	55.1	11.8	27



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 Account: TELOEX

Project: ALSM- CW15- 015- TELOEX

CERTIFICATE OF ANALYSIS WH16158080

Sample Description	ME- MS41 Cs ppm	ME- MS41 Cu ppm	ME- MS41 Fe %	ME- MS41 Ga ppm	ME- MS41 Ge ppm	ME- MS41 Hf ppm	ME- MS41 Hg ppm	ME- MS41 In ppm	ME- MS41 K %	ME- MS41 La ppm	ME- MS41 Li ppm	ME- MS41 Mg %	ME- MS41 Mn ppm	ME- MS41 Mo ppm	ME- MS41 Na %
FGL042- 07+ 50N	1.81	19.9	2.80	6.07	<0.05	0.06	0.03	0.030	0.07	8.5	17.7	0.53	246	0.62	0.01
FGL044- 00+00N	1.91	9.2	1.82	5.53	<0.05	0.02	0.01	0.017	0.08	8.1	6.5	0.30	325	0.47	0.01
FGL044- 00+25N	2.80	11.3	2.32	6.71	<0.05	<0.02	0.02	0.020	0.07	8.8	10.0	0.42	304	0.54	0.01
FGL044- 00+50N	4.97	13.0	2.57	6.76	<0.05	<0.02	0.01	0.028	0.07	10.0	11.5	0.48	521	0.50	0.01
FGL044- 00+75N	3.33	17.2	1.55	5.36	<0.05	<0.02	0.03	0.023	0.07	10.7	7.3	0.32	205	0.45	0.02
FGL044- 01+00N	9.24	20.3	2.31	6.52	0.05	<0.02	0.04	0.030	0.07	16.8	8.6	0.29	335	0.47	0.02
FGL044- 01+25N	8.39	13.6	2.88	7.12	<0.05	<0.02	0.02	0.025	0.06	9.4	9.7	0.42	357	0.38	0.01
FGL044- 01+50N	15.60	10.1	3.49	8.16	0.07	0.03	0.02	0.040	0.08	20.8	11.2	0.49	643	0.31	<0.01
FGL044- 01+75N	2.65	15.2	2.03	5.17	<0.05	<0.02	0.03	0.023	0.05	8.7	8.8	0.39	341	0.52	0.01
FGL044- 02+00N	2.94	17.4	2.17	6.37	<0.05	<0.02	0.02	0.022	0.07	8.2	7.8	0.31	530	0.58	0.01
FGL044- 02+25N	2.37	14.8	1.37	3.96	<0.05	<0.02	0.01	0.014	0.05	6.1	4.5	0.16	203	0.35	0.02
FGL044- 02+50N	5.27	26.2	2.71	7.02	<0.05	<0.02	0.02	0.030	0.06	13.8	12.7	0.46	591	0.60	0.01
FGL044- 02+75N	2.88	17.0	2.61	6.29	<0.05	<0.02	0.02	0.027	0.07	10.9	13.4	0.50	305	0.61	0.01
FGL044- 03+00N	3.79	27.3	2.64	6.90	<0.05	<0.02	0.02	0.025	0.08	13.2	12.4	0.56	553	0.68	0.01
FGL044- 03+25N	4.49	32.9	2.89	7.63	<0.05	<0.02	0.02	0.032	0.08	16.5	14.1	0.53	714	0.73	0.01
FGL044- 03+50N	3.09	13.1	1.63	4.08	<0.05	<0.02	0.02	0.016	0.05	7.7	6.7	0.26	266	0.31	0.02
FGL044- 03+75N	3.64	23.9	1.85	5.97	<0.05	<0.02	0.02	0.023	0.05	11.2	8.6	0.30	503	0.59	0.01
FGL044- 04+00N	4.77	16.9	2.28	5.96	<0.05	<0.02	0.01	0.022	0.06	10.7	11.9	0.46	395	0.46	0.01
FGL044- 04+25N	2.38	20.0	3.00	7.62	<0.05	0.06	0.01	0.026	0.08	9.9	17.7	0.57	257	0.78	0.01
FGL044- 04+50N	2.54	22.6	2.65	6.36	<0.05	<0.02	0.02	0.021	0.05	8.5	13.3	0.38	248	0.65	0.01
FGL044- 06+75N	1.97	17.1	2.61	6.79	0.05	0.04	0.03	0.028	0.06	17.4	14.2	0.51	210	0.66	0.01
FGL044- 07+00N	2.76	21.5	3.08	6.90	<0.05	0.03	0.02	0.027	0.08	10.7	17.5	0.53	290	0.70	0.01
FGL044- 07+25N	2.82	19.4	1.95	3.22	0.07	0.06	0.03	0.017	0.07	31.8	6.8	0.28	833	0.61	0.01
FGL044- 07+50N	4.62	24.7	1.78	4.25	0.06	<0.02	0.06	0.018	0.06	22.9	6.5	0.29	569	0.27	0.02
FGL046- 03+25N	3.43	16.1	2.37	6.63	<0.05	0.02	0.01	0.028	0.06	7.3	9.7	0.25	254	0.70	0.01
FGL046- 03+50N	2.89	21.9	2.77	5.94	<0.05	0.08	0.02	0.032	0.08	10.4	13.9	0.51	283	0.60	0.01
FGL046- 03+75N	3.54	24.6	2.89	7.43	<0.05	0.03	0.05	0.045	0.06	10.2	15.6	0.44	245	1.46	0.01
FGL046- 04+00N	3.21	24.5	2.63	6.38	<0.05	0.04	0.02	0.032	0.05	8.2	11.9	0.33	381	0.85	<0.01
FGL046- 04+25N	1.78	20.1	2.79	6.29	<0.05	0.14	0.01	0.027	0.07	8.6	14.6	0.59	309	0.77	0.01
FGL046- 04+50N	1.57	20.8	2.55	5.91	<0.05	0.08	0.01	0.025	0.07	9.7	15.4	0.53	253	0.63	0.01
FGL046- 04+75N	1.59	29.3	2.76	5.92	<0.05	0.12	0.02	0.028	0.05	7.6	15.1	0.50	253	0.75	0.01
FGL046- 05+00N	1.50	20.9	2.66	5.80	<0.05	0.13	0.02	0.024	0.06	9.4	13.7	0.53	270	0.68	0.01
FGL046- 05+25N	1.55	21.0	2.56	6.02	<0.05	0.05	0.02	0.022	0.08	7.5	13.7	0.62	372	0.57	<0.01
FGL046- 05+50N	1.46	25.8	2.26	4.93	<0.05	0.03	0.03	0.020	0.06	9.7	11.6	0.56	484	0.60	0.01
FGL046- 05+75N	1.46	14.9	2.29	5.53	<0.05	0.02	0.02	0.022	0.06	9.7	12.9	0.41	307	0.63	0.01
FGL046- 06+00N	3.66	34.9	1.13	2.55	<0.05	<0.02	0.03	0.011	0.04	7.9	3.5	0.14	493	0.24	0.01
FGL036- 06+25N	4.51	11.9	1.99	5.17	<0.05	0.02	0.01	0.019	0.05	9.1	12.1	0.45	267	0.43	0.01
FGL036- 06+50N	3.16	14.5	2.29	5.47	<0.05	0.03	0.01	0.020	0.05	8.7	12.7	0.59	434	0.33	0.01
FGL036- 06+75N	3.67	14.6	2.23	6.00	<0.05	0.02	0.01	0.020	0.05	11.6	14.5	0.49	291	0.49	0.01
FGL036- 07+00N	6.62	26.0	3.12	9.10	0.06	0.03	0.02	0.030	0.13	28.8	16.5	0.58	699	0.62	0.01



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
FGL042- 07+ 50N		1.98	23.5	330	8.6	9.2	<0.001	0.02	0.60	4.0	0.2	0.5	20.0	0.01	0.04	3.2
FGL044- 00+00N		1.28	8.5	220	7.5	14.4	<0.001	0.01	0.75	2.2	0.2	0.4	15.7	<0.01	0.04	1.1
FGL044- 00+25N		1.13	10.2	520	9.6	12.2	<0.001	0.01	0.69	2.9	0.2	0.5	29.8	<0.01	0.03	1.3
FGL044- 00+50N		0.95	11.3	570	28.8	15.2	<0.001	0.01	1.29	3.7	<0.2	0.5	42.8	<0.01	0.05	1.4
FGL044- 00+75N		0.73	11.1	560	7.1	15.6	<0.001	0.04	0.60	2.0	<0.2	0.4	43.4	<0.01	0.03	0.2
FGL044- 01+00N		0.60	9.2	870	15.4	8.9	<0.001	0.04	1.25	3.9	0.7	0.3	48.2	<0.01	0.04	0.8
FGL044- 01+25N		0.58	8.7	1190	15.3	8.0	<0.001	0.02	1.34	3.7	0.3	0.4	47.9	<0.01	0.06	1.2
FGL044- 01+50N		0.18	7.8	2390	16.7	7.2	<0.001	0.01	3.94	6.6	0.7	0.5	48.5	<0.01	0.08	3.3
FGL044- 01+75N		0.93	10.4	280	22.9	10.5	<0.001	0.01	1.38	2.5	<0.2	0.4	25.7	<0.01	0.07	0.8
FGL044- 02+00N		1.02	9.8	320	27.2	13.6	<0.001	0.01	0.82	2.4	<0.2	0.4	21.9	<0.01	0.04	0.6
FGL044- 02+25N		0.53	6.0	320	14.6	7.7	<0.001	0.01	0.56	1.9	<0.2	0.2	17.4	<0.01	0.04	0.3
FGL044- 02+50N		1.18	15.4	380	28.2	10.2	<0.001	0.01	0.89	4.4	0.4	0.5	27.5	<0.01	0.06	1.7
FGL044- 02+75N		1.33	17.0	330	22.0	9.6	<0.001	0.01	0.83	3.9	<0.2	0.5	20.4	<0.01	0.05	2.1
FGL044- 03+00N		1.16	18.0	390	23.2	13.4	<0.001	0.01	1.04	4.4	0.4	0.5	34.0	<0.01	0.06	0.9
FGL044- 03+25N		1.14	19.3	570	28.1	13.8	<0.001	0.02	0.98	4.8	0.3	0.5	30.0	<0.01	0.06	1.0
FGL044- 03+50N		0.65	9.0	430	10.9	6.6	<0.001	0.01	0.70	2.5	0.2	0.3	19.2	<0.01	0.03	0.6
FGL044- 03+75N		0.90	10.6	400	10.6	11.2	<0.001	0.02	0.59	2.4	0.3	0.4	21.1	<0.01	0.05	0.4
FGL044- 04+00N		1.05	14.0	360	16.6	9.5	<0.001	0.01	0.96	3.5	0.3	0.5	22.1	<0.01	0.06	1.3
FGL044- 06+25N		1.96	19.9	270	11.9	7.9	<0.001	0.02	0.59	4.5	0.3	0.6	16.4	<0.01	0.05	2.6
FGL044- 06+50N		1.17	12.2	380	32.5	7.7	<0.001	0.02	0.75	2.5	0.2	0.5	18.9	<0.01	0.03	0.6
FGL044- 06+75N		2.05	18.5	310	10.1	8.6	<0.001	0.01	0.51	4.6	0.4	0.6	19.4	0.01	0.05	3.6
FGL044- 07+00N		1.89	20.3	450	10.4	10.0	<0.001	0.01	0.67	4.4	0.3	0.5	25.6	<0.01	0.07	2.9
FGL044- 07+25N		0.58	13.1	960	130.5	6.8	<0.001	0.01	1.68	3.5	0.5	0.2	24.5	<0.01	0.06	6.5
FGL044- 07+50N		0.55	9.2	760	16.4	7.6	<0.001	0.04	0.90	2.6	0.6	0.3	39.6	<0.01	0.10	0.8
FGL046- 03+25N		1.43	7.8	240	21.6	12.9	<0.001	0.01	1.62	2.3	<0.2	0.5	12.6	<0.01	0.05	1.5
FGL046- 03+50N		1.47	21.2	390	19.1	10.2	<0.001	0.01	0.86	4.7	0.2	0.5	17.9	<0.01	0.05	3.5
FGL046- 03+75N		1.83	17.2	310	64.1	11.5	<0.001	0.01	1.23	3.7	0.3	0.6	16.1	<0.01	0.07	2.9
FGL046- 04+00N		1.38	11.5	250	53.0	10.9	<0.001	0.01	1.61	2.5	0.3	0.5	17.1	<0.01	0.09	1.8
FGL046- 04+25N		1.04	24.7	250	23.8	10.4	<0.001	0.01	0.52	4.5	0.3	0.5	14.8	<0.01	0.03	3.4
FGL046- 04+50N		1.49	22.2	300	15.6	9.2	<0.001	0.01	0.52	4.0	0.2	0.5	15.6	<0.01	0.04	3.9
FGL046- 04+75N		1.34	20.8	230	40.4	8.5	<0.001	0.01	0.84	3.3	0.2	0.4	18.6	<0.01	0.07	2.5
FGL046- 05+00N		1.11	23.9	220	25.1	8.7	<0.001	0.01	0.63	4.1	0.3	0.5	14.5	<0.01	0.03	3.5
FGL046- 05+25N		1.23	20.5	260	17.1	8.7	<0.001	0.01	1.00	3.6	0.5	0.4	17.4	<0.01	0.09	2.6
FGL046- 05+50N		1.00	18.6	710	130.0	8.0	<0.001	0.01	1.51	3.0	0.4	0.3	21.1	<0.01	0.07	1.4
FGL046- 05+75N		1.36	16.5	630	34.9	8.7	<0.001	0.01	0.51	3.0	0.4	0.4	17.1	<0.01	0.03	1.5
FGL046- 06+00N		0.28	4.7	400	31.4	5.1	<0.001	0.02	0.83	1.3	0.4	0.2	17.8	<0.01	0.06	<0.2
FGL036- 06+25N		1.13	13.2	400	10.4	8.0	<0.001	0.01	0.49	3.3	<0.2	0.4	32.8	<0.01	0.02	1.5
FGL036- 06+50N		0.78	12.6	760	7.3	5.7	<0.001	0.02	0.61	3.4	0.2	0.4	51.1	<0.01	0.02	1.3
FGL036- 06+75N		1.01	11.9	430	10.4	6.7	<0.001	0.01	0.44	3.2	<0.2	0.4	37.7	<0.01	0.02	1.6
FGL036- 07+00N		0.84	16.8	560	11.0	19.2	<0.001	0.02	0.31	5.4	0.7	0.4	55.8	<0.01	0.03	1.7



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL042- 07+ 50N		0.080	0.10	0.48	58	0.21	3.36	51	2.5
FGL044- 00+ 00N		0.072	0.09	0.28	48	0.12	2.40	47	0.6
FGL044- 00+ 25N		0.061	0.09	0.32	54	0.13	3.59	70	0.5
FGL044- 00+ 50N		0.049	0.20	0.34	56	0.16	4.48	115	<0.5
FGL044- 00+ 75N		0.039	0.10	0.41	35	0.15	6.46	60	<0.5
FGL044- 01+ 00N		0.045	0.09	0.66	52	0.14	9.23	94	0.5
FGL044- 01+ 25N		0.073	0.10	0.34	69	0.13	5.03	114	0.5
FGL044- 01+ 50N		0.011	0.10	0.34	51	0.29	11.35	159	0.9
FGL044- 01+ 75N		0.048	0.11	0.34	45	0.15	3.20	78	<0.5
FGL044- 02+ 00N		0.059	0.12	0.35	54	0.15	3.35	70	<0.5
FGL044- 02+ 25N		0.035	0.09	0.29	35	0.10	3.45	42	<0.5
FGL044- 02+ 50N		0.053	0.15	0.56	62	0.16	7.14	78	0.5
FGL044- 02+ 75N		0.065	0.13	0.45	59	0.19	4.39	64	0.6
FGL044- 03+ 00N		0.068	0.13	0.59	59	0.14	7.06	70	<0.5
FGL044- 03+ 25N		0.052	0.14	0.78	64	0.17	8.83	72	<0.5
FGL044- 03+ 50N		0.053	0.08	0.32	43	0.10	4.21	40	<0.5
FGL044- 03+ 75N		0.049	0.12	0.52	47	0.14	5.36	41	<0.5
FGL044- 04+ 00N		0.049	0.17	0.44	54	0.13	4.58	57	<0.5
FGL044- 06+ 25N		0.102	0.12	0.46	71	0.19	4.24	59	2.6
FGL044- 06+ 50N		0.068	0.09	0.40	62	0.22	3.11	65	<0.5
FGL044- 06+ 75N		0.090	0.13	0.61	64	0.22	8.14	46	2.5
FGL044- 07+ 00N		0.089	0.10	0.52	68	0.20	5.31	56	1.6
FGL044- 07+ 25N		0.035	0.07	1.83	28	0.08	14.60	140	3.7
FGL044- 07+ 50N		0.042	0.09	1.24	46	0.09	14.25	50	<0.5
FGL046- 03+ 25N		0.055	0.12	0.30	59	0.44	2.28	116	1.4
FGL046- 03+ 50N		0.076	0.16	0.54	56	0.22	4.26	69	3.8
FGL046- 03+ 75N		0.063	0.19	0.45	63	0.18	3.32	86	1.5
FGL046- 04+ 00N		0.050	0.10	0.30	60	0.18	3.15	148	1.9
FGL046- 04+ 25N		0.096	0.11	0.47	62	0.13	3.39	71	5.7
FGL046- 04+ 50N		0.080	0.12	0.51	55	0.16	3.15	62	3.4
FGL046- 04+ 75N		0.074	0.10	0.35	59	0.13	2.87	134	4.8
FGL046- 05+ 00N		0.077	0.12	0.46	57	0.16	3.34	76	5.0
FGL046- 05+ 25N		0.058	0.10	0.37	52	0.14	2.96	76	1.9
FGL046- 05+ 50N		0.060	0.08	0.47	46	0.16	4.68	220	0.9
FGL046- 05+ 75N		0.064	0.10	0.51	51	0.15	4.15	81	0.8
FGL046- 06+ 00N		0.031	0.12	0.36	28	0.06	5.54	72	<0.5
FGL036- 06+ 25N		0.050	0.12	0.42	46	0.13	4.19	49	0.8
FGL036- 06+ 50N		0.042	0.11	0.46	46	0.18	4.52	56	1.0
FGL036- 06+ 75N		0.046	0.10	0.74	49	0.14	5.18	50	0.6
FGL036- 07+ 00N		0.024	0.12	1.51	57	0.16	16.20	70	0.7



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
FGL036- 07+ 25N		0.37	0.0012	0.17	2.43	9.6	<0.2	<10	570	1.18	0.11	0.73	0.14	70.6	10.7	24
FGL036- 07+ 50N		0.49	0.0005	0.06	1.12	5.0	<0.2	<10	280	0.35	0.09	0.46	0.10	17.30	6.4	15
FGL048- 01+ 50N		0.32	0.0035	0.11	1.62	5.1	<0.2	<10	380	0.54	0.08	0.82	0.08	31.7	11.3	17
FGL048- 01+ 75NN/S	Empty Bag															
FGL048- 02+ 00N		0.39	0.0025	0.12	1.78	7.3	<0.2	<10	430	0.56	0.12	0.55	0.07	35.5	10.6	25
FGL048- 02+ 25N		0.30	0.0039	0.17	1.79	7.0	<0.2	<10	550	0.69	0.12	0.75	0.21	48.1	9.2	19
FGL048- 02+ 50N		0.37	0.0017	0.04	1.35	6.2	<0.2	<10	320	0.37	0.08	0.45	0.08	28.3	7.5	20
FGL048- 02+ 75N		0.53	0.0010	0.02	1.78	9.0	<0.2	<10	170	0.34	0.13	0.18	0.10	20.5	10.4	23
FGL048- 03+ 00N		0.43	0.0009	0.06	1.37	4.6	<0.2	<10	300	0.37	0.11	0.25	0.12	19.65	6.9	18
FGL048- 03+ 25N		0.52	0.0013	0.04	2.10	10.3	<0.2	<10	230	0.53	0.14	0.23	0.09	28.0	9.5	30
FGL048- 03+ 50N		0.52	0.0017	0.02	2.33	9.1	<0.2	<10	250	0.47	0.12	0.27	0.11	26.9	11.4	34
FGL048- 03+ 75N		0.41	0.0026	0.04	2.09	10.4	<0.2	<10	220	0.46	0.13	0.22	0.13	20.5	10.4	26
FGL048- 04+ 00N		0.62	0.0005	0.04	1.46	8.2	<0.2	<10	210	0.40	0.09	0.23	0.07	23.3	8.8	13
FGL048- 04+ 25N		0.42	0.0008	0.03	2.06	10.1	<0.2	<10	220	0.54	0.10	0.23	0.09	32.7	10.9	28

***** See Appendix Page for comments regarding this certificate *****



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CERTIFICATE OF ANALYSIS WH16158080

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs ppm 0.05	Cu ppm 0.2	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.2	Li ppm 0.1	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01
FGL036- 07+25N		6.16	23.0	3.08	8.61	0.14	0.04	0.04	0.029	0.12	50.8	16.8	0.62	759	0.45	0.01
FGL036- 07+50N		2.20	13.5	1.77	5.04	<0.05	0.02	0.01	0.015	0.06	10.6	9.2	0.42	345	0.30	0.01
FGL048- 01+50N		0.99	13.2	2.37	6.35	<0.05	0.04	0.03	0.021	0.07	13.0	13.6	0.74	729	0.15	0.01
FGL048- 01+75NN/S																
FGL048- 02+00N		1.45	20.5	2.53	6.44	0.05	0.06	0.03	0.023	0.06	18.0	13.2	0.68	436	0.37	0.01
FGL048- 02+25N		2.03	19.8	2.51	6.69	0.09	0.06	0.05	0.024	0.06	28.0	12.9	0.69	587	0.34	0.01
FGL048- 02+50N		1.13	10.9	2.13	4.96	<0.05	0.04	0.01	0.019	0.04	11.7	10.6	0.59	404	0.29	0.01
FGL048- 02+75N		1.80	11.4	3.00	7.24	<0.05	0.02	0.01	0.022	0.06	9.2	15.4	0.61	578	0.62	<0.01
FGL048- 03+00N		1.25	15.8	2.02	5.97	<0.05	<0.02	0.02	0.016	0.05	10.8	9.0	0.37	509	0.46	0.01
FGL048- 03+25N		1.97	20.4	2.68	6.60	<0.05	0.03	0.02	0.026	0.08	10.7	15.1	0.58	299	0.56	0.01
FGL048- 03+50N		2.33	21.9	2.90	6.84	<0.05	0.03	0.02	0.031	0.08	9.5	15.5	0.69	524	0.52	0.01
FGL048- 03+75N		2.87	19.6	2.99	6.92	<0.05	<0.02	0.02	0.027	0.09	10.2	16.6	0.53	365	0.67	0.01
FGL048- 04+00N		2.94	10.8	2.81	6.17	<0.05	<0.02	0.02	0.023	0.05	10.6	10.2	0.41	560	0.48	0.01
FGL048- 04+25N		2.62	15.2	3.10	6.57	<0.05	<0.02	0.02	0.029	0.07	14.6	13.6	0.53	516	0.56	0.01

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CERTIFICATE OF ANALYSIS WH16158080

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		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
FGL036- 07+25N		0.85	16.8	700	10.7	11.8	<0.001	0.03	0.42	7.4	1.5	0.4	70.6	<0.01	0.01	2.5
FGL036- 07+50N		0.80	8.9	390	7.1	7.6	<0.001	0.01	0.24	2.4	0.2	0.3	46.0	<0.01	0.01	1.3
FGL048- 01+50N		0.63	11.2	1020	13.3	6.3	<0.001	0.04	0.30	3.6	0.5	0.3	59.3	<0.01	0.01	3.8
FGL048- 01+75NN/S																
FGL048- 02+00N		0.94	17.8	800	10.3	7.2	<0.001	0.02	0.41	4.7	0.7	0.4	38.9	<0.01	0.02	2.1
FGL048- 02+25N		0.60	13.3	980	14.6	6.8	<0.001	0.03	0.62	4.8	0.9	0.3	54.0	<0.01	0.01	1.8
FGL048- 02+50N		0.79	12.2	670	7.4	4.5	<0.001	0.01	0.45	3.6	0.3	0.3	30.4	<0.01	0.02	2.0
FGL048- 02+75N		1.21	12.7	360	9.3	8.3	<0.001	0.01	0.44	3.4	0.3	0.4	18.3	<0.01	0.02	2.2
FGL048- 03+00N		0.67	9.3	540	6.8	7.4	<0.001	0.01	0.21	2.4	0.3	0.4	21.6	<0.01	0.01	0.4
FGL048- 03+25N		1.14	21.3	380	9.3	9.6	<0.001	0.01	0.41	4.6	0.5	0.5	20.9	<0.01	0.02	3.0
FGL048- 03+50N		1.03	22.2	420	9.8	8.9	<0.001	0.01	0.41	4.9	0.3	0.5	22.7	<0.01	0.02	3.3
FGL048- 03+75N		1.11	17.4	430	10.4	11.0	<0.001	0.01	0.46	3.7	0.3	0.5	21.3	<0.01	0.02	1.3
FGL048- 04+00N		0.55	7.5	700	8.8	8.7	<0.001	0.01	0.70	2.8	0.4	0.4	18.6	<0.01	0.01	1.0
FGL048- 04+25N		0.94	16.7	480	11.4	10.2	<0.001	0.01	0.77	4.3	0.6	0.4	18.6	<0.01	0.01	2.0



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CERTIFICATE OF ANALYSIS WH16158080

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		Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
FGL036- 07+25N		0.032	0.13	2.31	57	0.17	44.7	70	1.3
FGL036- 07+50N		0.041	0.05	0.55	39	0.11	6.43	43	0.6
FGL048- 01+50N		0.024	0.06	2.52	42	0.13	7.84	62	1.2
FGL048- 01+75NN/S									
FGL048- 02+00N		0.047	0.08	1.07	50	0.14	13.30	63	1.7
FGL048- 02+25N		0.027	0.06	2.39	42	0.16	25.3	83	1.6
FGL048- 02+50N		0.053	0.05	0.55	43	0.13	7.82	57	1.2
FGL048- 02+75N		0.053	0.08	0.45	60	0.16	4.35	64	0.9
FGL048- 03+00N		0.045	0.06	0.47	52	0.13	6.91	44	<0.5
FGL048- 03+25N		0.060	0.12	0.50	55	0.21	6.16	56	1.3
FGL048- 03+50N		0.071	0.11	0.54	60	0.17	5.23	66	1.5
FGL048- 03+75N		0.046	0.12	0.48	57	0.16	5.14	65	<0.5
FGL048- 04+00N		0.022	0.16	0.51	51	0.13	6.67	67	<0.5
FGL048- 04+25N		0.041	0.12	0.57	56	0.15	9.80	70	0.5

**Technical Report for the
Tinta Hill Target Evaluation Project
Freegold Mountain Property
(YMEP Project 16-045)
Yukon Territory**

Volume III – Appendix VI

Latitude 62°18'N, Longitude 137°12'W
Map sheets 115I/3, 115I/6, and 115I/7
Whitehorse Mining District

Prepared for:
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January 10th, 2017

Appendix VI

Geophysics Survey Data

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	22/08/2016	171642	1	N	0	394664.52	6908413.57	1161	53459.38	99	Bad Point, unreasonable value	9	
1124844	22/08/2016	171822	1	N	0	394664.39	6908413.04	1160	57391.14	99		0	57391.14
1124844	22/08/2016	172034	1	N	12.5	394669.6	6908420.52	1167	57371.63	99		0	57371.63
1124844	22/08/2016	172146	1	N	25	394678.67	6908430.31	1169	57282.04	99		0	57282.04
1124844	22/08/2016	172302	1	N	37.5	394684.62	6908440.78	1174	57420.75	99		0	57420.75
1124844	22/08/2016	172358	1	N	50	394689.74	6908449.51	1177	57416.26	99		0	57416.26
1124844	22/08/2016	172550	1	N	62.5	394695.73	6908460.19	1183	57365.89	99		0	57365.89
1124844	22/08/2016	172702	1	N	75	394704.29	6908471.07	1186	57362.66	99		0	57362.66
1124844	22/08/2016	172750	1	N	87.5	394710.47	6908480.06	1191	57386.04	99		0	57386.04
1124844	22/08/2016	172846	1	N	100	394716.88	6908488.01	1197	57417.94	99		0	57417.94
1124844	22/08/2016	172950	1	N	112.5	394723.92	6908497.91	1200	57418.07	99		0	57418.07
1124844	22/08/2016	173058	1	N	125	394728.93	6908506.54	1206	57347.21	99		0	57347.21
1124844	22/08/2016	173206	1	N	137.5	394735.03	6908518.03	1211	57409.69	99		0	57409.69
1124844	22/08/2016	173314	1	N	150	394742.77	6908527.37	1211	57395.48	99		0	57395.48
1124844	22/08/2016	173406	1	N	162.5	394745.63	6908537.73	1216	57373.17	99		0	57373.17
1124844	22/08/2016	173502	1	N	175	394752.67	6908546.57	1221	57353	99		0	57353.00
1124844	22/08/2016	173622	1	N	187.5	394760.96	6908556.94	1222	57450.37	99		0	57450.37
1124844	22/08/2016	173718	1	N	200	394766.44	6908567.6	1226	57387.37	99		0	57387.37
1124844	22/08/2016	173826	1	N	212.5	394773.21	6908576.4	1229	57379.08	99		0	57379.08
1124844	22/08/2016	173922	1	N	225	394781.77	6908585.35	1231	57386.18	99		0	57386.18
1124844	22/08/2016	174126	1	N	237.5	394789.32	6908595.04	1232	57332.53	99		0	57332.53
1124844	22/08/2016	174210	1	N	250	394795.92	6908605.28	1233	57357.32	99		0	57357.32
1124844	22/08/2016	174258	1	N	262.5	394804.43	6908614.75	1234	57350.79	99		0	57350.79
1124844	22/08/2016	174346	1	N	275	394811.08	6908624.09	1234	57349.53	99		0	57349.53
1124844	22/08/2016	174430	1	N	287.5	394816.53	6908637.35	1236	57372.95	99		0	57372.95
1124844	22/08/2016	174506	1	N	300	394822.84	6908647.72	1236	57340.22	99		0	57340.22
1124844	22/08/2016	174542	1	N	312.5	394830.03	6908657.26	1235	57375.25	99		0	57375.25
1124844	22/08/2016	174650	1	N	325	394838.82	6908666.77	1235	57339.79	99		0	57339.79
1124844	22/08/2016	174738	1	N	337.5	394847.41	6908676.37	1235	57282.94	99		0	57282.94
1124844	22/08/2016	174930	1	N	350	394855.43	6908682.04	1232	57268.86	99		0	57268.86
1124844	22/08/2016	175106	1	N	362.5	394861.43	6908693.2	1233	57307.69	99		0	57307.69
1124844	22/08/2016	175150	1	N	375	394868.12	6908704.97	1233	57320.7	99		0	57320.70
1124844	22/08/2016	175246	1	N	387.5	394874.72	6908715.34	1233	57325.89	99		0	57325.89
1124844	22/08/2016	175326	1	N	400	394881.54	6908726.49	1232	57317.2	99		0	57317.20
1124844	22/08/2016	175406	1	N	412.5	394888.11	6908736.97	1229	57349.55	99		0	57349.55
1124844	22/08/2016	175550	1	N	425	394894.91	6908746.46	1228	57299.61	99		0	57299.61
1124844	22/08/2016	175630	1	N	437.5	394901.74	6908755.28	1224	57291.71	99		0	57291.71
1124844	22/08/2016	175710	1	N	450	394908.59	6908765.94	1221	57358.65	99		0	57358.65
1124844	22/08/2016	175750	1	N	462.5	394916.18	6908775.67	1219	57304.75	99		0	57304.75
1124844	22/08/2016	175842	1	N	475	394924.85	6908785.15	1218	57307.55	99		0	57307.55
1124844	22/08/2016	175918	1	N	487.5	394932.01	6908795.99	1217	57276.21	99		0	57276.21
1124844	22/08/2016	175954	1	N	500	394938.03	6908805.24	1216	57285.06	99		0	57285.06
1124844	22/08/2016	180046	1	N	512.5	394946.35	6908814.75	1215	57316.76	99		0	57316.76
1124844	22/08/2016	180126	1	N	525	394953.76	6908825.4	1215	57319.64	99		0	57319.64
1124844	22/08/2016	180206	1	N	537.5	394961.97	6908836.8	1214	57301.6	99		0	57301.60
1124844	22/08/2016	180242	1	N	550	394968.15	6908845.31	1215	57343.07	99		0	57343.07
1124844	22/08/2016	180322	1	N	562.5	394974.52	6908857.09	1214	57349.42	99		0	57349.42
1124844	22/08/2016	180438	1	N	575	394982.27	6908867.1	1215	57344.63	99		0	57344.63
1124844	22/08/2016	180522	1	N	587.5	394987.88	6908877.97	1215	57360.48	99		0	57360.48
1124844	22/08/2016	180558	1	N	600	394994.55	6908888.29	1216	57373.53	99		0	57373.53
1124844	22/08/2016	180646	1	N	612.5	395000.77	6908899.85	1216	57377.86	99		0	57377.86
1124844	22/08/2016	180722	1	N	625	395007.55	6908909.69	1216	57382.58	99		0	57382.58
1124844	22/08/2016	180758	1	N	637.5	395016.03	6908919.44	1216	57400.62	99		0	57400.62
1124844	22/08/2016	180858	1	N	650	395025.39	6908927.62	1217	57430.62	99		0	57430.62
1124844	22/08/2016	180954	1	N	662.5	395032.29	6908936.53	1217	57463.6	99		0	57463.60
1124844	22/08/2016	181038	1	N	675	395040.84	6908946.57	1216	57455.64	99		0	57455.64
1124844	22/08/2016	181126	1	N	687.5	395047.38	6908957.41	1215	57401.5	99		0	57401.50
1124844	22/08/2016	181242	1	N	700	395054.07	6908967.42	1213	57466.23	99		0	57466.23
1124844	22/08/2016	181318	1	N	712.5	395060.91	6908977.89	1211	57454.24	99		0	57454.24
1124844	22/08/2016	181354	1	N	725	395067.31	6908988.61	1211	57490.89	99		0	57490.89
1124844	22/08/2016	181438	1	N	737.5	395073.48	6908999.75	1209	57483.16	99		0	57483.16
1124844	22/08/2016	181522	1	N	750	395079.19	6909010.2	1210	57492.21	99		0	57492.21
1124844	22/08/2016	181606	1	N	762.5	395084.99	6909021.12	1210	57539.97	99		0	57539.97
1124844	22/08/2016	181650	1	N	775	395092.59	6909033.44	1211	57552.29	99		0	57552.29
1124844	22/08/2016	181730	1	N	787.5	395101.05	6909043.36	1211	57624.69	99		0	57624.69
1124844	22/08/2016	181810	1	N	800	395108.3	6909051.46	1211	57637.89	99		0	57637.89
1124844	22/08/2016	181858	1	N	812.5	395115.88	6909062.54	1211	57555.74	99		0	57555.74
1124844	22/08/2016	181946	1	N	825	395122.57	6909072.73	1211	57661.12	99		0	57661.12
1124844	22/08/2016	182034	1	N	837.5	395128.37	6909083.56	1209	57699.47	99		0	57699.47
1124844	22/08/2016	182114	1	N	850	395136.15	6909094.41	1208	57678.11	99		0	57678.11
1124844	22/08/2016	182158	1	N	862.5	395144.45	6909103.38	1206	57591.99	99		0	57591.99
1124844	22/08/2016	182242	1	N	875	395153.41	6909113.13	1204	57659.25	99		0	57659.25
1124844	22/08/2016	182342	1	N	887.5	395160.25	6909121.16	1203	57718.71	99		0	57718.71
1124844	22/08/2016	182422	1	N	900	395167.13	6909130.85	1201	57658.28	99		0	57658.28
1124844	22/08/2016	182502	1	N	912.5	395175.6	6909140.97	1198	57701.36	99		0	57701.36
1124844	22/08/2016	182558	1	N	925	395183.05	6909150.9	1196	57583.06	99		0	57583.06
1124844	22/08/2016	182638											

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	22/08/2016	185742	1	N	1375	395420.19	6909498.71	1070	57460.79	99		0	57460.79
1124844	22/08/2016	185826	1	N	1387.5	395427.38	6909508.17	1064	57398.91	99		0	57398.91
1124844	22/08/2016	185914	1	N	1400	395435.12	6909516.79	1058	57373.52	99		0	57373.52
1124844	22/08/2016	190006	1	N	1412.5	395439.03	6909526.58	1054	57471.93	99		0	57471.93
1124844	22/08/2016	190050	1	N	1425	395446.15	6909536.06	1048	57256.03	99		0	57256.03
1124844	22/08/2016	190134	1	N	1437.5	395452.33	6909544.16	1044	57286.17	99		0	57286.17
8042728	22/08/2016	171730	3	N	0.00	394826.42	6908299.75	1155.00	53883.85	99	Bad Point, unreasonable value	2	
8042728	22/08/2016	172010	3	N	0.00	394826.28	6908300.60	1155.00	57167.55	99		0	57167.55
8042728	22/08/2016	172230	3	N	12.50	394834.94	6908313.06	1153.00	57168.27	99		0	57168.27
8042728	22/08/2016	172326	3	N	25.00	394842.42	6908321.35	1155.00	57226.64	99		0	57226.64
8042728	22/08/2016	172406	3	N	37.50	394849.85	6908330.49	1159.00	57246.58	99		0	57246.58
8042728	22/08/2016	172450	3	N	50.00	394857.10	6908339.90	1162.00	57204.7	99		0	57204.7
8042728	22/08/2016	172558	3	N	62.50	394864.39	6908348.12	1166.00	57236.29	99		0	57236.29
8042728	22/08/2016	172646	3	N	75.00	394872.39	6908360.20	1165.00	57238.35	99		0	57238.35
8042728	22/08/2016	172746	3	N	87.50	394879.44	6908368.62	1165.00	57265.85	99		0	57265.85
8042728	22/08/2016	172850	3	N	100.00	394885.24	6908379.09	1172.00	57348.97	99		0	57348.97
8042728	22/08/2016	172950	3	N	112.50	394894.22	6908389.68	1174.00	57291.84	99		0	57291.84
8042728	22/08/2016	173030	3	N	125.00	394899.45	6908397.01	1168.00	57268.3	99		0	57268.3
8042728	22/08/2016	173302	3	N	137.50	394908.27	6908408.80	1173.00	57245.47	99		0	57245.47
8042728	22/08/2016	173406	3	N	150.00	394913.57	6908419.97	1175.00	57297.36	99		0	57297.36
8042728	22/08/2016	173458	3	N	162.50	394916.29	6908429.49	1178.00	57333.43	99		0	57333.43
8042728	22/08/2016	173634	3	N	175.00	394920.76	6908445.45	1181.00	57287.72	99	Large Gap between 175 and station 162.5	0	57287.72
8042728	22/08/2016	173746	3	N	187.50	394925.55	6908453.54	1182.00	57253.33	69		0	57253.33
8042728	22/08/2016	173846	3	N	200.00	394932.83	6908464.03	1185.00	57271.57	99		0	57271.57
8042728	22/08/2016	174018	3	N	212.50	394936.70	6908474.27	1184.00	57302.71	99		0	57302.71
8042728	22/08/2016	174126	3	N	225.00	394946.22	6908485.35	1188.00	57286.04	99		0	57286.04
8042728	22/08/2016	174306	3	N	237.50	394954.00	6908491.34	1185.00	57277.84	99		0	57277.84
8042728	22/08/2016	174422	3	N	250.00	394961.03	6908500.45	1189.00	57282.01	99		0	57282.01
8042728	22/08/2016	174514	3	N	262.50	394968.52	6908509.86	1189.00	57194.26	99		0	57194.26
8042728	22/08/2016	174606	3	N	275.00	394974.78	6908520.19	1190.00	57271.44	99		0	57271.44
8042728	22/08/2016	174714	3	N	287.50	394983.28	6908530.91	1193.00	57361.84	99		0	57361.84
8042728	22/08/2016	174902	3	N	300.00	394990.66	6908540.14	1193.00	57282.08	79		0	57282.08
8042728	22/08/2016	175030	3	N	312.50	394998.68	6908549.06	1193.00	57251.76	99		0	57251.76
8042728	22/08/2016	175142	3	N	325.00	395007.42	6908559.09	1193.00	57169.73	99		0	57169.73
8042728	22/08/2016	175326	3	N	337.50	395018.69	6908570.18	1195.00	57198.08	79		0	57198.08
8042728	22/08/2016	175434	3	N	350.00	395026.61	6908580.21	1198.00	57258.89	69		0	57258.89
8042728	22/08/2016	175558	3	N	362.50	395033.10	6908591.33	1198.00	57295.24	99		0	57295.24
8042728	22/08/2016	175702	3	N	375.00	395042.05	6908602.25	1199.00	57177.67	89		0	57177.67
8042728	22/08/2016	175810	3	N	387.50	395047.89	6908609.79	1200.00	57218.12	99		0	57218.12
8042728	22/08/2016	175858	3	N	400.00	395056.77	6908619.31	1202.00	57225.54	99		0	57225.54
8042728	22/08/2016	180018	3	N	412.50	395065.03	6908630.47	1204.00	57228.91	99		0	57228.91
8042728	22/08/2016	180058	3	N	425.00	395070.50	6908638.14	1205.00	57270.84	99		0	57270.84
8042728	22/08/2016	180206	3	N	437.50	395079.39	6908649.28	1207.00	57235.01	99		0	57235.01
8042728	22/08/2016	180258	3	N	450.00	395085.77	6908658.47	1205.00	57253.31	99		0	57253.31
8042728	22/08/2016	180418	3	N	462.50	395092.66	6908671.47	1208.00	57316.82	99		0	57316.82
8042728	22/08/2016	180502	3	N	475.00	395096.15	6908682.12	1209.00	57279.12	99		0	57279.12
8042728	22/08/2016	180550	3	N	487.50	395100.51	6908693.29	1211.00	57227.9	69		0	57227.9
8042728	22/08/2016	180658	3	N	500.00	395105.08	6908701.61	1211.00	57251.63	79		0	57251.63
8042728	22/08/2016	180742	3	N	512.50	395112.06	6908712.76	1214.00	57264.8	89		0	57264.8
8042728	22/08/2016	180834	3	N	525.00	395120.11	6908721.80	1216.00	57315.46	99		0	57315.46
8042728	22/08/2016	181350	3	N	537.50	395128.73	6908733.87	1218.00	57345.43	99		0	57345.43
8042728	22/08/2016	181458	3	N	550.00	395137.19	6908745.20	1222.00	57366.65	99		0	57366.65
8042728	22/08/2016	181614	3	N	562.50	395143.26	6908752.18	1223.00	57223.25	99		0	57223.25
8042728	22/08/2016	181654	3	N	575.00	395151.79	6908761.25	1224.00	57234.98	99		0	57234.98
8042728	22/08/2016	181806	3	N	587.50	395159.76	6908770.65	1227.00	57260.52	99		0	57260.52
8042728	22/08/2016	181858	3	N	600.00	395166.09	6908780.84	1226.00	57263.15	99		0	57263.15
8042728	22/08/2016	181954	3	N	612.50	395168.84	6908791.73	1229.00	57258.65	99		0	57258.65
8042728	22/08/2016	182110	3	N	625.00	395175.25	6908802.35	1233.00	57283.86	99		0	57283.86
8042728	22/08/2016	182202	3	N	637.50	395182.41	6908810.75	1236.00	57287.28	99		0	57287.28
8042728	22/08/2016	182250	3	N	650.00	395189.76	6908822.45	1239.00	57270.5	69		0	57270.5
8042728	22/08/2016	182338	3	N	662.50	395196.63	6908830.65	1240.00	57279.41	99		0	57279.41
8042728	22/08/2016	182458	3	N	675.00	395205.18	6908841.62	1241.00	57294.18	99		0	57294.18
8042728	22/08/2016	182602	3	N	687.50	395213.31	6908851.81	1241.00	57353.82	99		0	57353.82
8042728	22/08/2016	182806	3	N	700.00	395220.48	6908862.06	1242.00	57330.17	99		0	57330.17
8042728	22/08/2016	182902	3	N	712.50	395227.49	6908872.72	1243.00	57396.4	99		0	57396.4
8042728	22/08/2016	182942	3	N	725.00	395233.91	6908882.31	1244.00	57326.08	99		0	57326.08
8042728	22/08/2016	183030	3	N	737.50	395241.04	6908892.58	1244.00	57319.32	99		0	57319.32
8042728	22/08/2016	183106	3	N	750.00	395248.21	6908902.60	1244.00	57301	99		0	57301.00
8042728	22/08/2016	183346	3	N	762.50	395255.42	6908911.33	1243.00	57270.27	49		0	57270.27
8042728	22/08/2016	183446	3	N	775.00	395266.16	6908925.27	1241.00	57313.63	79		0	57313.63
8042728	22/08/2016	183522	3	N	787.50	395275.77	6908937.46	1239.00	57339.26	99		0	57339.26
8042728	22/08/2016	183554	3	N	800.00	395280.53	6908943.77	1236.00	57363.31	99		0	57363.31
8042728	22/08/2016	183622	3	N	812.50	395286.93	6908951.68	1232.00	57375.16	99		0	57375.16
8042728	22/08/2016	183658	3	N	825.00	395294.47	6908960.96	1229.00	57366.16	99		0	57366.16
8042728	22/08/2016	183734	3	N	837.50	395301.01	6908969.13	1227.00	57371.5	89		0	57371.5
8042728	22/08/2016	183906	3	N	850.00	395309.17	6908977.85	1224.00	57425.28	99		0	57425.28
8042728	22/08/2016	184034	3	N	862.50	395319.38	6908992.53	1221.00	57403.91	99		0	57403.91
8042728	22/08/2016	184146	3	N	875.00	395325.01	6909000.02	1220.00	57393.36	99		0	57393.36
8042728	22/08/2016	184310	3	N	887.50	395328.51	6909008.90	1218.00	57379.85	99		0	57379.85
8042728	22/08/2016	184354	3	N	900.00	395338.63	6909020.91	1216.00	57412.46	99		0	57412.46
8042728	22/08/2016	184442	3	N	912.50	395344.08	6909031.45	1214.00	57463.07	99		0	57463.07
8042728	22/08/2016	184522	3	N	925.00	395349.99	6909043.11	1212.00	57425.54	99		0	574

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	22/08/2016	190706	3	N	1300.00	395553.09	6909344.63	1128.00	57510.11	79		0	57510.11
8042728	22/08/2016	190754	3	N	1312.50	395558.69	6909354.60	1126.00	57564.43	99		0	57564.43
8042728	22/08/2016	190838	3	N	1325.00	395564.08	6909361.68	1122.00	57611.09	99		0	57611.09
8042728	22/08/2016	191002	3	N	1337.50	395572.63	6909374.03	1119.00	57636.57	79		0	57636.57
8042728	22/08/2016	191042	3	N	1350.00	395582.16	6909383.97	1119.00	57757.82	99		0	57757.82
8042728	22/08/2016	191122	3	N	1362.50	395590.20	6909391.54	1117.00	57782.58	99		0	57782.58
8042728	22/08/2016	191202	3	N	1375.00	395597.09	6909401.38	1118.00	57739.31	99		0	57739.31
8042728	22/08/2016	191242	3	N	1387.50	395604.75	6909414.57	1117.00	57734.72	99		0	57734.72
8042728	22/08/2016	191322	3	N	1400.00	395610.87	6909422.97	1113.00	57652.55	99		0	57652.55
8042728	22/08/2016	191414	3	N	1412.50	395615.84	6909433.12	1108.00	57716.9	99		0	57716.90
8042728	22/08/2016	191442	3	N	1412.50	395615.97	6909432.93	1108.00	57709.09	99		1	
1124844	22/08/2016	223654	5	N	0	394984.84	6908183.61	1113	57273.19	99	Should be station 0, Points out of order	0	57273.19
1124844	22/08/2016	223602	5	N	12.5	394994.54	6908195.36	1118	57202.68	99		0	57202.68
1124844	22/08/2016	223522	5	N	25	395001.38	6908204.65	1122	57253.2	99		0	57253.20
1124844	22/08/2016	223434	5	N	37.5	395007.6	6908215.82	1127	57242.76	99		0	57242.76
1124844	22/08/2016	223338	5	N	50	395013.58	6908223.15	1127	57204.55	99		0	57204.55
1124844	22/08/2016	223250	5	N	62.5	395020.49	6908235.94	1129	57204.05	99		0	57204.05
1124844	22/08/2016	223206	5	N	75	395028.84	6908244.22	1131	57169.94	99		0	57169.94
1124844	22/08/2016	223126	5	N	87.5	395035.9	6908255.49	1133	57222.76	99		0	57222.76
1124844	22/08/2016	223018	5	N	100	395041.71	6908267.05	1133	57231.58	99		0	57231.58
1124844	22/08/2016	222934	5	N	112.5	395049.67	6908274.18	1133	57242.29	99		0	57242.29
1124844	22/08/2016	222854	5	N	125	395060.14	6908279.58	1133	57269.27	99		0	57269.27
1124844	22/08/2016	222814	5	N	137.5	395067.45	6908289.61	1135	57279.61	99		0	57279.61
1124844	22/08/2016	222726	5	N	150	395074.1	6908300.12	1137	57278.48	99		0	57278.48
1124844	22/08/2016	222646	5	N	162.5	395078.04	6908310.59	1140	57272.35	99		0	57272.35
1124844	22/08/2016	222350	5	N	175	395084.27	6908322.22	1142	57244.96	99		0	57244.96
1124844	22/08/2016	222302	5	N	187.5	395093.03	6908325.68	1144	57259.16	99		0	57259.16
1124844	22/08/2016	222142	5	N	200	395099.45	6908337.5	1145	57255.1	99		0	57255.10
1124844	22/08/2016	222054	5	N	212.5	395107.01	6908346.82	1149	57258.34	99		0	57258.34
1124844	22/08/2016	222006	5	N	225	395112.42	6908358.83	1148	57314.68	99		0	57314.68
1124844	22/08/2016	221918	5	N	237.5	395119.45	6908369.41	1149	57284.71	99		0	57284.71
1124844	22/08/2016	221750	5	N	250	395125.59	6908378.66	1150	57308.24	99		0	57308.24
1124844	22/08/2016	221658	5	N	262.5	395132.87	6908389.33	1161	57344.08	99		0	57344.08
1124844	22/08/2016	221618	5	N	275	395137.67	6908398.99	1160	57302.35	99		0	57302.35
1124844	22/08/2016	221542	5	N	287.5	395144.19	6908409.26	1161	57353.31	99		0	57353.31
1124844	22/08/2016	221454	5	N	300	395152.49	6908417.97	1165	57394.07	99		0	57394.07
1124844	22/08/2016	221406	5	N	312.5	395162.01	6908425.93	1167	57385.38	99		0	57385.38
1124844	22/08/2016	221318	5	N	325	395170.29	6908434.93	1169	57369.01	99		0	57369.01
1124844	22/08/2016	221234	5	N	337.5	395174.15	6908448.17	1175	57433.72	99		0	57433.72
1124844	22/08/2016	220418	5	N	350	395179.2	6908456.98	1176	57436.98	99		0	57436.98
1124844	22/08/2016	220318	5	N	362.5	395183.96	6908465.31	1181	57477.46	99		0	57477.46
1124844	22/08/2016	220206	5	N	375	395192.31	6908475.57	1180	57483.85	99		0	57483.85
1124844	22/08/2016	220114	5	N	387.5	395202.26	6908482.98	1183	57443.21	69		0	57443.21
1124844	22/08/2016	220030	5	N	400	395206.83	6908492.5	1185	57492.49	99		0	57492.49
1124844	22/08/2016	215942	5	N	412.5	395211.92	6908502.69	1187	57392.57	99		0	57392.57
1124844	22/08/2016	215838	5	N	425	395220.74	6908514.63	1189	57378.9	99		0	57378.90
1124844	22/08/2016	215746	5	N	437.5	395228.68	6908521.74	1189	57326.83	99		0	57326.83
1124844	22/08/2016	215634	5	N	450	395231.21	6908535.13	1194	57361.54	99		0	57361.54
1124844	22/08/2016	215542	5	N	462.5	395235.68	6908545.32	1196	57329.54	99		0	57329.54
1124844	22/08/2016	215454	5	N	475	395244.11	6908551.61	1197	57344.71	99		0	57344.71
1124844	22/08/2016	215350	5	N	487.5	395251.17	6908562.91	1201	57373.25	89		0	57373.25
1124844	22/08/2016	215310	5	N	500	395255.05	6908572.03	1204	57368.86	99		0	57368.86
1124844	22/08/2016	215158	5	N	512.5	395262.9	6908583.91	1206	57446.74	99		0	57446.74
1124844	22/08/2016	215106	5	N	525	395271.28	6908591.92	1209	57359.85	99		0	57359.85
1124844	22/08/2016	215014	5	N	537.5	395281.26	6908597.72	1210	57415.08	99		0	57415.08
1124844	22/08/2016	214930	5	N	550	395290.67	6908606.19	1212	57399.67	99		0	57399.67
1124844	22/08/2016	214834	5	N	562.5	395296.36	6908618.82	1212	57370.37	99		0	57370.37
1124844	22/08/2016	214746	5	N	575	395303.26	6908627.27	1214	57356.35	99		0	57356.35
1124844	22/08/2016	214706	5	N	587.5	395308.22	6908636.96	1217	57330.24	99		0	57330.24
1124844	22/08/2016	214618	5	N	600	395314.67	6908649	1217	57312.06	99		0	57312.06
1124844	22/08/2016	214538	5	N	612.5	395321.08	6908658.31	1220	57314.91	99		0	57314.91
1124844	22/08/2016	214442	5	N	625	395326.6	6908669.68	1223	57310.91	99		0	57310.91
1124844	22/08/2016	214342	5	N	637.5	395333.47	6908680.36	1224	57323.4	99		0	57323.40
1124844	22/08/2016	214238	5	N	650	395340.4	6908689.29	1226	57313.28	99		0	57313.28
1124844	22/08/2016	214154	5	N	662.5	395347.3	6908697.3	1227	57307.98	99		0	57307.98
1124844	22/08/2016	214054	5	N	675	395350.02	6908710.32	1230	57341.21	99		0	57341.21
1124844	22/08/2016	213722	5	N	687.5	395358.41	6908718.13	1231	57321.88	99		0	57321.88
1124844	22/08/2016	213630	5	N	700	395365.1	6908729.14	1232	57312.33	99		0	57312.33
1124844	22/08/2016	213546	5	N	712.5	395371.05	6908738.81	1233	57322.6	99		0	57322.60
1124844	22/08/2016	213458	5	N	725	395377.56	6908749	1235	57319.35	99		0	57319.35
1124844	22/08/2016	213418	5	N	737.5	395385.51	6908760.04	1236	57319.42	99		0	57319.42
1124844	22/08/2016	213338	5	N	750	395393.59	6908768.91	1238	57330.42	99		0	57330.42
1124844	22/08/2016	213254	5	N	762.5	395404.2	6908776.41	1239	57347.6	99		0	57347.60
1124844	22/08/2016	213206	5	N	775	395410.79	6908784.35	1241	57375.4	99		0	57375.40
1124844	22/08/2016	213122	5	N	787.5	395418.31	6908796.14	1243	57346.18	99		0	57346.18
1124844	22/08/2016	212906	5	N	800	395424.84	6908805.8	1244	57358.48	99		0	57358.48
1124844	22/08/2016	212826	5	N	812.5	395432.06	6908817.05	1245	57369.98	99		0	57369.98
1124844	22/08/2016	212746	5	N	825	395438.45	6908825.46	1246	57341.89	99		0	57341.89
1124844	22/08/2016	212642	5	N	837.5	395447.04	6908835.54	1250	57373.26	99		0	57373.26
1124844	22/08/2016	212602	5	N	850	395452.29	6908846.82	1252	57351.46	99		0	57351.46
1124844	22/08/2016	212502	5	N	862.5	395459.12	6908856.54	1254	57408.06	99		0	57408.06
1124844	22/08/2016	212354	5	N	875	395465.92	6908867.51	1256	57392.79	99		0	57392.79
1124844	22/08/2016	212306	5	N	887.5	395472.43	6908877.41	1256	57403.59	99		0	57403.59
1124844	22/08/2016	212230	5	N	900	395479.91	6908888.45	1257	57415.49	99		0	57415.49
1124844	22/08/2016	212150											

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	22/08/2016	204906	5	N	1250	395675.07	6909159.11	1178	57419.27	99		0	57419.27
1124844	22/08/2016	204810	5	N	1262.5	395679.6	6909170.11	1176	57379.6	99		0	57379.60
1124844	22/08/2016	204722	5	N	1275	395685.24	6909180.75	1174	57398.41	99		0	57398.41
1124844	22/08/2016	204630	5	N	1287.5	395690.47	6909191.56	1171	57388.66	99		0	57388.66
1124844	22/08/2016	204530	5	N	1300	395696.63	6909202.58	1168	57389.99	99		0	57389.99
1124844	22/08/2016	204434	5	N	1312.5	395701.04	6909213.51	1165	57377.86	99		0	57377.86
1124844	22/08/2016	204342	5	N	1325	395708.6	6909222.29	1163	57386.64	99		0	57386.64
1124844	22/08/2016	204238	5	N	1337.5	395716.19	6909232.54	1162	57429.62	99		0	57429.62
1124844	22/08/2016	204150	5	N	1350	395723.02	6909243.05	1160	57458.57	99		0	57458.57
1124844	22/08/2016	204042	5	N	1362.5	395730.23	6909251.68	1158	57441.9	99		0	57441.90
1124844	22/08/2016	203946	5	N	1375	395737.9	6909261.39	1156	57388.18	99		0	57388.18
1124844	22/08/2016	203854	5	N	1387.5	395746.25	6909270.78	1154	57400.78	99		0	57400.78
1124844	22/08/2016	203806	5	N	1400	395753.6	6909281.06	1151	57424.25	99		0	57424.25
1124844	22/08/2016	203434	5	N	1412.5	395758.17	6909290.46	1148	57447.94	99		0	57447.94
1124844	22/08/2016	203326	5	N	1425	395765.27	6909301.59	1146	57414.41	99		0	57414.41
1124844	22/08/2016	203222	5	N	1437.5	395774.43	6909311.53	1143	57464.55	99		0	57464.55
1124844	22/08/2016	202954	5	N	1450	395780.32	6909320.74	1140	57502.75	99		0	57502.75
1124844	22/08/2016	203022	5	N	1450	395780.32	6909320.85	1139	57501.03	99		1	
8042728	22/08/2016	222226	7	N	0.00	395154.90	6908067.63	1130.00	57371.52	39		1	
8042728	22/08/2016	222250	7	N	0.00	395154.10	6908066.57	1129.00	57369.84	19		1	
8042728	22/08/2016	222318	7	N	0.00	395153.93	6908064.93	1130.00	57295.45	99		2	
8042728	22/08/2016	222338	7	N	0.00	395153.99	6908064.25	1130.00	57302.62	99	Should be station 0, all stations need to be changed	0	57302.62
8042728	22/08/2016	222146	7	N	12.50	395156.82	6908075.40	1129.00	57353.21	69		0	57353.21
8042728	22/08/2016	222110	7	N	25.00	395160.08	6908083.67	1133.00	57312.65	99		0	57312.65
8042728	22/08/2016	222018	7	N	37.50	395167.04	6908096.28	1137.00	57278.93	99		0	57278.93
8042728	22/08/2016	221938	7	N	50.00	395175.93	6908105.08	1140.00	57332.73	89		0	57332.73
8042728	22/08/2016	221846	7	N	62.50	395183.49	6908116.55	1144.00	57336.83	69		0	57336.83
8042728	22/08/2016	221802	7	N	75.00	395190.48	6908125.05	1145.00	57371.48	69		0	57371.48
8042728	22/08/2016	221718	7	N	87.50	395198.01	6908135.22	1150.00	57350.1	99		0	57350.10
8042728	22/08/2016	221642	7	N	100.00	395204.63	6908145.66	1152.00	57432.65	69		0	57432.65
8042728	22/08/2016	221554	7	N	112.50	395210.29	6908154.88	1149.00	57372.12	99		0	57372.12
8042728	22/08/2016	221458	7	N	125.00	395216.89	6908166.03	1154.00	57514.56	99		0	57514.56
8042728	22/08/2016	221410	7	N	137.50	395224.61	6908174.87	1158.00	57529.47	69		0	57529.47
8042728	22/08/2016	221322	7	N	150.00	395233.22	6908184.33	1160.00	57465.85	69		0	57465.85
8042728	22/08/2016	221234	7	N	162.50	395239.90	6908192.58	1161.00	57463.17	99		0	57463.17
8042728	22/08/2016	221158	7	N	175.00	395244.23	6908201.50	1162.00	57432.72	99		0	57432.72
8042728	22/08/2016	221110	7	N	187.50	395255.89	6908213.02	1166.00	57346.54	89		0	57346.54
8042728	22/08/2016	221026	7	N	200.00	395261.81	6908222.02	1168.00	57395.87	99		0	57395.87
8042728	22/08/2016	220946	7	N	212.50	395270.12	6908231.98	1170.00	57518.09	59		0	57518.09
8042728	22/08/2016	220910	7	N	225.00	395277.79	6908240.62	1173.00	57501.26	89		0	57501.26
8042728	22/08/2016	220830	7	N	237.50	395284.25	6908250.43	1172.00	57462.79	99		0	57462.79
8042728	22/08/2016	220746	7	N	250.00	395293.57	6908261.37	1177.00	57457.38	89		0	57457.38
8042728	22/08/2016	220702	7	N	262.50	395299.26	6908270.49	1180.00	57409.79	69		0	57409.79
8042728	22/08/2016	220622	7	N	275.00	395305.35	6908280.85	1178.00	57507.44	29	Bad Point, strange increase	9	
8042728	22/08/2016	220550	7	N	287.50	395309.88	6908288.40	1183.00	57391.37	99		0	57391.37
8042728	22/08/2016	220510	7	N	300.00	395319.95	6908298.86	1185.00	57389.65	99		0	57389.65
8042728	22/08/2016	220414	7	N	312.50	395325.19	6908310.78	1189.00	57406.47	99		0	57406.47
8042728	22/08/2016	220326	7	N	325.00	395332.87	6908320.70	1189.00	57479.55	69		0	57479.55
8042728	22/08/2016	220226	7	N	337.50	395335.50	6908327.32	1192.00	57487.4	79		0	57487.40
8042728	22/08/2016	220106	7	N	350.00	395344.04	6908336.30	1194.00	57397.96	99		0	57397.96
8042728	22/08/2016	220018	7	N	362.50	395352.49	6908348.06	1194.00	57516.23	69		0	57516.23
8042728	22/08/2016	215934	7	N	375.00	395359.32	6908359.38	1195.00	57556.32	89		0	57556.32
8042728	22/08/2016	215846	7	N	387.50	395366.68	6908368.52	1199.00	57545.35	89		0	57545.35
8042728	22/08/2016	215802	7	N	400.00	395372.05	6908378.68	1202.00	57522.5	99		0	57522.50
8042728	22/08/2016	215722	7	N	412.50	395376.85	6908384.71	1203.00	57478.5	99		0	57478.50
8042728	22/08/2016	215638	7	N	425.00	395384.43	6908395.76	1206.00	57414.55	99		0	57414.55
8042728	22/08/2016	215554	7	N	437.50	395392.13	6908405.61	1206.00	57511.08	79		0	57511.08
8042728	22/08/2016	215446	7	N	450.00	395401.92	6908420.99	1208.00	57529.11	79		0	57529.11
8042728	22/08/2016	215346	7	N	462.50	395408.60	6908431.16	1211.00	57494.83	79		0	57494.83
8042728	22/08/2016	215314	7	N	475.00	395412.16	6908436.59	1212.00	57442.13	69		0	57442.13
8042728	22/08/2016	215214	7	N	487.50	395421.38	6908448.64	1213.00	57377.71	99		0	57377.71
8042728	22/08/2016	215134	7	N	500.00	395424.34	6908453.90	1216.00	57380.79	99		0	57380.79
8042728	22/08/2016	215050	7	N	512.50	395431.83	6908466.22	1219.00	57453.08	99		0	57453.08
8042728	22/08/2016	215010	7	N	525.00	395439.51	6908476.12	1221.00	57372.86	99		0	57372.86
8042728	22/08/2016	214926	7	N	537.50	395446.83	6908486.42	1223.00	57533	99		0	57533.00
8042728	22/08/2016	214850	7	N	550.00	395454.79	6908495.25	1226.00	57397.09	89		0	57397.09
8042728	22/08/2016	214742	7	N	562.50	395467.06	6908506.98	1228.00	57440.93	79		0	57440.93
8042728	22/08/2016	214638	7	N	575.00	395472.69	6908517.63	1229.00	57351.24	99		0	57351.24
8042728	22/08/2016	214538	7	N	587.50	395479.94	6908528.52	1231.00	57438.17	59		0	57438.17
8042728	22/08/2016	214414	7	N	600.00	395483.98	6908536.48	1233.00	57491.01	69		0	57491.01
8042728	22/08/2016	214318	7	N	612.50	395492.20	6908549.39	1235.00	57513.74	99		0	57513.74
8042728	22/08/2016	214214	7	N	625.00	395499.02	6908558.83	1236.00	57458.22	99		0	57458.22
8042728	22/08/2016	214134	7	N	637.50	395505.75	6908568.50	1237.00	57527.43	79		0	57527.43
8042728	22/08/2016	214050	7	N	650.00	395513.71	6908583.23	1239.00	57404.07	99		0	57404.07
8042728	22/08/2016	213742	7	N	662.50	395520.07	6908590.73	1240.00	57440.51	99		0	57440.51
8042728	22/08/2016	213650	7	N	675.00	395529.38	6908606.14	1242.00	57382.17	99		0	57382.17
8042728	22/08/2016	213602	7	N	687.50	395536.52	6908615.54	1244.00	57437.35	89		0	57437.35
8042728	22/08/2016	213510	7	N	700.00	395543.57	6908625.76	1245.00	57421.75	99		0	57421.75
8042728	22/08/2016	213426	7	N	712.50	395549.40	6908633.64	1247.00	57333.86	99		0	57333.86
8042728	22/08/2016	213338	7	N	725.00	395556.22	6908642.57	1248.00	57492.94	39	Bad Point, strange increase	9	
8042728	22/08/2016	213242	7	N	737.50	395564.47	6908654.14	1250.00	57401.82	99		0	57401.82
8042728	22/08/2016	213150	7	N	750.00	395570.81	6908663.54	1252.00	57397.16	99		0	57397.16
8042728	22/08/2016	213106	7	N	762.50	395576.60	690						

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	22/08/2016	205950	7	N	1125.00	395780.86	6908980.31	1234.00	57409.8	99		0	57409.80
8042728	22/08/2016	205854	7	N	1137.50	395787.57	6908987.87	1229.00	57315.23	89		0	57315.23
8042728	22/08/2016	205742	7	N	1150.00	395795.90	6908998.52	1226.00	57321.16	59		0	57321.16
8042728	22/08/2016	205634	7	N	1162.50	395801.39	6909008.51	1224.00	57362.71	99		0	57362.71
8042728	22/08/2016	205542	7	N	1175.00	395808.70	6909020.22	1221.00	57428.06	99		0	57428.06
8042728	22/08/2016	205450	7	N	1187.50	395813.84	6909028.97	1219.00	57413.07	99		0	57413.07
8042728	22/08/2016	205354	7	N	1200.00	395819.12	6909039.08	1217.00	57402.59	89		0	57402.59
8042728	22/08/2016	205306	7	N	1212.50	395825.93	6909049.32	1215.00	57387.81	99		0	57387.81
8042728	22/08/2016	205110	7	N	1225.00	395831.80	6909057.35	1214.00	57367.73	99		0	57367.73
8042728	22/08/2016	204954	7	N	1237.50	395840.68	6909069.15	1211.00	57454.8	99		0	57454.80
8042728	22/08/2016	204750	7	N	1250.00	395850.24	6909084.22	1207.00	57364.59	99		0	57364.59
8042728	22/08/2016	204558	7	N	1262.50	395857.39	6909094.35	1203.00	57388.17	99		0	57388.17
8042728	22/08/2016	204510	7	N	1275.00	395864.73	6909103.83	1200.00	57381.54	99		0	57381.54
8042728	22/08/2016	204426	7	N	1287.50	395871.50	6909112.46	1197.00	57373.95	99		0	57373.95
8042728	22/08/2016	204310	7	N	1300.00	395878.91	6909121.08	1193.00	57343.41	99		0	57343.41
8042728	22/08/2016	204218	7	N	1312.50	395886.80	6909132.18	1190.00	57379.74	99		0	57379.74
8042728	22/08/2016	204122	7	N	1325.00	395893.12	6909140.58	1187.00	57367.58	99		0	57367.58
8042728	22/08/2016	204010	7	N	1337.50	395901.57	6909150.56	1183.00	57370.08	99		0	57370.08
8042728	22/08/2016	203918	7	N	1350.00	395907.61	6909157.60	1181.00	57434.9	99		0	57434.90
8042728	22/08/2016	203718	7	N	1362.50	395916.67	6909169.98	1176.00	57389.09	99		0	57389.09
8042728	22/08/2016	203610	7	N	1375.00	395923.97	6909179.17	1173.00	57428.57	99		0	57428.57
8042728	22/08/2016	203514	7	N	1387.50	395929.21	6909187.39	1171.00	57453.36	99		0	57453.36
8042728	22/08/2016	203358	7	N	1400.00	395938.05	6909198.10	1168.00	57391.75	89		0	57391.75
8042728	22/08/2016	203218	7	N	1412.50	395944.00	6909205.97	1164.00	57391.23	99		0	57391.23
8042728	22/08/2016	203254	7	N	1412.50	395944.00	6909206.69	1165.00	57387.25	99		1	
1124844	22/08/2016	232314	9	N	0	395315.83	6907955.75	1134	57296.38	99		0	57296.38
1124844	22/08/2016	232338	9	N	0	395316.4	6907956.14	1134	57294.85	99		1	
1124844	22/08/2016	232534	9	N	12.5	395324.68	6907959.2	1135	57238.95	99		0	57238.95
1124844	22/08/2016	232622	9	N	25	395329.83	6907969.45	1137	57271.13	99		0	57271.13
1124844	22/08/2016	232730	9	N	37.5	395337.41	6907978.4	1143	57232.25	99		0	57232.25
1124844	22/08/2016	232814	9	N	50	395346.7	6907984.93	1144	57206.08	99		0	57206.08
1124844	22/08/2016	232858	9	N	62.5	395355.68	6907995.73	1148	57274.06	99		0	57274.06
1124844	22/08/2016	232958	9	N	75	395359.62	6908005.87	1155	57258.1	99		0	57258.10
1124844	22/08/2016	233038	9	N	87.5	395363.03	6908014.48	1156	57293.76	99		0	57293.76
1124844	22/08/2016	233126	9	N	100	395371.22	6908024.65	1159	57268.7	99		0	57268.70
1124844	22/08/2016	233214	9	N	112.5	395377.98	6908034.26	1162	57257.04	99		0	57257.04
1124844	22/08/2016	233258	9	N	125	395381.47	6908045.56	1163	57281.72	99		0	57281.72
1124844	22/08/2016	233346	9	N	137.5	395385.85	6908056.41	1167	57313.95	99		0	57313.95
1124844	22/08/2016	233446	9	N	150	395393.36	6908067.47	1168	57303.53	99		0	57303.53
1124844	22/08/2016	233542	9	N	162.50	395402.77	6908073.85	1171.00	57280.7	99		0	57280.70
1124844	22/08/2016	233626	9	N	175.00	395410.82	6908081.94	1173.00	57259.44	99		0	57259.44
1124844	22/08/2016	233722	9	N	187.50	395422.06	6908091.46	1176.00	57303.95	99		0	57303.95
1124844	22/08/2016	233826	9	N	200.00	395427.23	6908100.38	1179.00	57268.57	99		0	57268.57
1124844	22/08/2016	233914	9	N	212.50	395429.83	6908112.08	1181.00	57334.49	99		0	57334.49
1124844	22/08/2016	233950	9	N	225.00	395434.16	6908123.69	1183.00	57295.5	99		0	57295.50
1124844	22/08/2016	234050	9	N	237.50	395441.88	6908131.87	1185.00	57296.47	99		0	57296.47
1124844	22/08/2016	234138	9	N	250.00	395448.24	6908142.27	1187.00	57275.23	99		0	57275.23
1124844	22/08/2016	234238	9	N	262.50	395455.49	6908151.64	1187.00	57287.52	99		0	57287.52
1124844	22/08/2016	234326	9	N	275.00	395466.12	6908157.53	1188.00	57227.02	99		0	57227.02
1124844	22/08/2016	234414	9	N	287.50	395472.99	6908169.08	1191.00	57189.33	99		0	57189.33
1124844	22/08/2016	234454	9	N	300.00	395479.53	6908177.94	1190.00	57269.32	99		0	57269.32
1124844	22/08/2016	234554	9	N	312.50	395483.60	6908188.12	1192.00	57272.86	99		0	57272.86
1124844	22/08/2016	234630	9	N	325.00	395488.72	6908200.01	1194.00	57287.7	99		0	57287.70
1124844	22/08/2016	234714	9	N	337.50	395495.11	6908211.14	1197.00	57224.08	99		0	57224.08
1124844	22/08/2016	234750	9	N	350.00	395503.91	6908219.40	1198.00	57335.58	99		0	57335.58
1124844	22/08/2016	234842	9	N	362.50	395511.43	6908228.99	1199.00	57296.46	99		0	57296.46
1124844	22/08/2016	234942	9	N	375.00	395517.76	6908237.29	1202.00	57218.17	99		0	57218.17
1124844	22/08/2016	235042	9	N	387.50	395524.05	6908246.44	1203.00	57265.34	99		0	57265.34
1124844	22/08/2016	235122	9	N	400.00	395534.23	6908255.26	1203.00	57425.27	99		0	57425.27
1124844	22/08/2016	235210	9	N	412.50	395540.12	6908268.47	1206.00	57291.05	99		0	57291.05
1124844	22/08/2016	235258	9	N	425.00	395546.10	6908278.00	1207.00	57395.13	99		0	57395.13
1124844	22/08/2016	235346	9	N	437.50	395550.86	6908289.44	1210.00	57395.61	99		0	57395.61
1124844	22/08/2016	235502	9	N	450.00	395556.02	6908300.45	1213.00	57393.41	99		0	57393.41
1124844	22/08/2016	235558	9	N	462.50	395561.31	6908310.44	1216.00	57403.91	99		0	57403.91
1124844	22/08/2016	235650	9	N	475.00	395568.52	6908320.10	1216.00	57399.99	99		0	57399.99
1124844	22/08/2016	235730	9	N	487.50	395577.33	6908328.42	1218.00	57373.41	99		0	57373.41
1124844	22/08/2016	235810	9	N	500.00	395583.46	6908340.90	1219.00	57286.7	99		0	57286.70
1124844	22/08/2016	235850	9	N	512.50	395588.84	6908351.82	1223.00	57309.15	99		0	57309.15
1124844	22/08/2016	235934	9	N	525.00	395596.55	6908359.84	1224.00	57355.83	99		0	57355.83
1124844	22/08/2016	10	9	N	537.50	395606.77	6908367.46	1225.00	57234.93	99		0	57234.93
1124844	22/08/2016	50	9	N	550.00	395616.66	6908374.47	1226.00	57250.36	99		0	57250.36
1124844	22/08/2016	142	9	N	562.50	395623.35	6908383.91	1226.00	57244.25	99		0	57244.25
1124844	22/08/2016	218	9	N	575.00	395633.02	6908392.96	1228.00	57273.57	99		0	57273.57
1124844	22/08/2016	310	9	N	587.50	395633.48	6908406.23	1231.00	57262.49	99		0	57262.49
1124844	22/08/2016	418	9	N	600.00	395638.99	6908416.46	1233.00	57293.23	99		0	57293.23
1124844	22/08/2016	438	9	N	600.00	395639.10	6908416.34	1233.00	57285.55	99		1	
1124844	22/08/2016	502	9	N	600.00	395639.02	6908416.35	1234.00	57289.45	99		1	
1124844	23/08/2016	164830	9	N	612.50	395648.40	6908432.38	1232.00	57465.48	99		0	57465.48
1124844	23/08/2016	165026	9	N	612.50	395648.52	6908432.20	1232.00	57464.36	99		1	
1124844	23/08/2016	165130	9	N	625.00	395656.88	6908440.94	1233.00	57516.52	99		0	57516.52
1124844	23/08/2016	165222	9	N	637.50	395664.47	6908448.37	1235.00	57419.31	99		0	57419.31
1124844	23/08/2016	165310	9	N	650.00	395673.20	6908455.49	1238.00	57450.23	99		0	57450.23
1124844	23/08/2016	165354	9	N	662.50	395675.96	6908466.94						

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	23/08/2016	172118	9	N	1012.50	395871.39	6908746.10	1253.00	57379.07	99		0	57379.07
1124844	23/08/2016	172150	9	N	1025.00	395879.64	6908755.83	1252.00	57411.39	59		0	57411.39
1124844	23/08/2016	172226	9	N	1037.50	395885.65	6908765.84	1253.00	57365.65	99		0	57365.65
1124844	23/08/2016	172302	9	N	1050.00	395892.45	6908776.54	1252.00	57422.42	99		0	57422.42
1124844	23/08/2016	172334	9	N	1062.50	395900.08	6908788.08	1250.00	57428.22	39		2	57428.22
1124844	23/08/2016	172402	9	N	1062.50	395899.91	6908787.91	1251.00	57411.71	49	Better point	0	57411.71
1124844	23/08/2016	172634	9	N	1075.00	395906.14	6908797.86	1250.00	57423.58	99		0	57423.58
1124844	23/08/2016	172710	9	N	1087.50	395913.82	6908808.41	1248.00	57447.94	99		0	57447.94
1124844	23/08/2016	172746	9	N	1100.00	395921.20	6908819.33	1247.00	57418.37	99		0	57418.37
1124844	23/08/2016	172822	9	N	1112.50	395928.52	6908830.14	1245.00	57388.87	99		0	57388.87
1124844	23/08/2016	172906	9	N	1125.00	395936.22	6908840.62	1243.00	57411.02	99		0	57411.02
1124844	23/08/2016	172942	9	N	1137.50	395943.15	6908849.87	1243.00	57345.63	99		0	57345.63
1124844	23/08/2016	173022	9	N	1150.00	395949.94	6908859.74	1241.00	57329.6	99		0	57329.6
1124844	23/08/2016	173058	9	N	1162.50	395956.85	6908869.46	1239.00	57359.69	99		0	57359.69
1124844	23/08/2016	173138	9	N	1175.00	395964.25	6908880.37	1238.00	57428.62	79		0	57428.62
1124844	23/08/2016	173218	9	N	1187.50	395972.16	6908890.52	1236.00	57390.48	99		0	57390.48
1124844	23/08/2016	173258	9	N	1200.00	395979.36	6908900.72	1234.00	57368.88	99		0	57368.88
1124844	23/08/2016	173334	9	N	1212.50	395987.30	6908910.85	1231.00	57345.98	99		0	57345.98
1124844	23/08/2016	173418	9	N	1225.00	395993.19	6908918.56	1229.00	57273.78	69		0	57273.78
1124844	23/08/2016	173502	9	N	1237.50	396000.23	6908929.20	1225.00	57316.83	69		0	57316.83
1124844	23/08/2016	173546	9	N	1250.00	396006.68	6908938.60	1219.00	57295.32	69		0	57295.32
1124844	23/08/2016	173630	9	N	1262.50	396014.03	6908948.46	1215.00	57289.97	99		0	57289.97
1124844	23/08/2016	173706	9	N	1275.00	396020.47	6908957.83	1213.00	57319.17	99		0	57319.17
1124844	23/08/2016	173750	9	N	1287.50	396027.73	6908967.66	1208.00	57355.27	99		0	57355.27
1124844	23/08/2016	173830	9	N	1300.00	396032.69	6908977.92	1205.00	57375.12	99		0	57375.12
1124844	23/08/2016	173910	9	N	1312.50	396040.33	6908987.44	1203.00	57333.88	99		0	57333.88
1124844	23/08/2016	173946	9	N	1325.00	396046.83	6908997.72	1200.00	57401.75	99		0	57401.75
1124844	23/08/2016	174030	9	N	1337.50	396052.49	6909008.45	1197.00	57377.23	99		0	57377.23
1124844	23/08/2016	174114	9	N	1350.00	396059.57	6909019.22	1194.00	57357.81	99		0	57357.81
1124844	23/08/2016	174150	9	N	1362.50	396066.26	6909027.83	1192.00	57328.43	99		0	57328.43
1124844	23/08/2016	174230	9	N	1375.00	396074.73	6909038.07	1188.00	57382.53	99		0	57382.53
1124844	23/08/2016	174314	9	N	1387.50	396081.76	6909047.75	1186.00	57593.5	49		2	57593.5
1124844	23/08/2016	174338	9	N	1387.50	396081.91	6909047.68	1186.00	57606.12	89	Better point	0	57606.12
1124844	23/08/2016	174522	9	N	1400.00	396089.49	6909056.89	1184.00	57442.51	99		0	57442.51
1124844	23/08/2016	174606	9	N	1412.50	396097.75	6909067.23	1181.00	57392.79	99		0	57392.79
1124844	23/08/2016	174646	9	N	1425.00	396103.38	6909076.51	1177.00	57421.05	99		0	57421.05
1124844	23/08/2016	174726	9	N	1437.50	396110.38	6909085.97	1175.00	57539.19	79	Best Point	0	57539.19
1124844	23/08/2016	174926	9	N	1437.50	396110.68	6909085.79	1175.00	57713.93	39		2	57713.93
1124844	23/08/2016	174950	9	N	1437.50	396110.69	6909085.79	1175.00	57670.51	69		1	57670.51
1124844	23/08/2016	175014	9	N	1437.50	396110.69	6909085.78	1175.00	57676.13	69		1	57676.13
8042728	22/08/2016	232746	11	N	0.00	395478.72	6907843.00	1109.00	57255.03	99		0	57255.03
8042728	22/08/2016	232806	11	N	0.00	395478.71	6907841.72	1108.00	57255.75	99		1	57255.75
8042728	22/08/2016	232906	11	N	12.50	395484.53	6907852.89	1110.00	57289.23	99		0	57289.23
8042728	22/08/2016	232946	11	N	25.00	395490.66	6907863.06	1114.00	57371.53	99		0	57371.53
8042728	22/08/2016	233034	11	N	37.50	395498.61	6907871.60	1115.00	57407.59	99		0	57407.59
8042728	22/08/2016	233126	11	N	50.00	395506.62	6907881.70	1121.00	57453.14	99		0	57453.14
8042728	22/08/2016	233210	11	N	62.50	395512.35	6907893.11	1125.00	57331.6	99		0	57331.6
8042728	22/08/2016	233306	11	N	75.00	395520.95	6907903.82	1123.00	57370.93	99		0	57370.93
8042728	22/08/2016	233350	11	N	87.50	395526.14	6907914.21	1127.00	57366.46	99		0	57366.46
8042728	22/08/2016	233434	11	N	100.00	395532.41	6907922.63	1129.00	57389.28	99		0	57389.28
8042728	22/08/2016	233530	11	N	112.50	395539.64	6907933.31	1132.00	57326.3	99		0	57326.3
8042728	22/08/2016	233646	11	N	125.00	395546.92	6907945.59	1133.00	57339.16	99		0	57339.16
8042728	22/08/2016	233730	11	N	137.50	395553.57	6907956.01	1136.00	57395.73	99		0	57395.73
8042728	22/08/2016	233818	11	N	150.00	395561.08	6907961.13	1134.00	57454.83	99		0	57454.83
8042728	22/08/2016	233942	11	N	162.50	395567.64	6907972.16	1136.00	57482.59	99		0	57482.59
8042728	22/08/2016	234046	11	N	175.00	395578.34	6907983.14	1140.00	57408.07	99		0	57408.07
8042728	22/08/2016	234130	11	N	187.50	395583.84	6907989.34	1141.00	57369.52	99		0	57369.52
8042728	22/08/2016	234238	11	N	200.00	395592.55	6907998.22	1144.00	57459.38	99		0	57459.38
8042728	22/08/2016	234558	11	N	212.50	395603.20	6908011.24	1143.00	57297.34	99		0	57297.34
8042728	22/08/2016	234726	11	N	225.00	395612.67	6908022.64	1143.00	57424.82	99		0	57424.82
8042728	22/08/2016	234810	11	N	237.50	395613.69	6908029.71	1145.00	57381.17	99		0	57381.17
8042728	22/08/2016	234914	11	N	250.00	395620.71	6908038.79	1148.00	57377.35	99		0	57377.35
8042728	22/08/2016	234958	11	N	262.50	395627.34	6908047.64	1149.00	57384.63	99		0	57384.63
8042728	22/08/2016	235106	11	N	275.00	395634.40	6908058.32	1153.00	57436.1	99		0	57436.1
8042728	22/08/2016	235150	11	N	287.50	395640.86	6908070.32	1154.00	57421.38	99		0	57421.38
8042728	22/08/2016	235250	11	N	300.00	395646.33	6908080.70	1154.00	57449.05	99		0	57449.05
8042728	22/08/2016	235334	11	N	312.50	395652.29	6908088.98	1157.00	57328.34	99		0	57328.34
8042728	22/08/2016	235506	11	N	325.00	395661.78	6908104.41	1159.00	57407.15	99	Large Gap between station 325 and station 312.5	0	57407.15
8042728	22/08/2016	235538	11	N	337.50	395667.26	6908111.39	1161.00	57430.08	99		0	57430.08
8042728	22/08/2016	235642	11	N	350.00	395673.00	6908119.40	1159.00	57377.45	99		0	57377.45
8042728	22/08/2016	235742	11	N	362.50	395680.34	6908132.02	1165.00	57381.64	76		0	57381.64
8042728	22/08/2016	235850	11	N	375.00	395686.83	6908140.59	1166.00	57363.66	99		0	57363.66
8042728	22/08/2016	235954	11	N	387.50	395696.07	6908148.32	1167.00	57349.51	99		0	57349.51
8042728	22/08/2016	42	11	N	400.00	395707.23	6908158.02	1167.00	46881.12	79	Bad Data Point, Unreasonable value	9	46881.12
8042728	22/08/2016	126	11	N	412.50	395713.64	6908164.69	1168.00	57324.06	99		0	57324.06
8042728	22/08/2016	230	11	N	425.00	395721.11	6908177.13	1172.00	57454.1	79		0	57454.1
8042728	22/08/2016	318	11	N	437.50	395725.72	6908187.75	1171.00	57357.9	99		0	57357.9
8042728	22/08/2016	410	11	N	450.00	395731.74	6908197.53	1172.00	57368.27	99		0	57368.27
8042728	22/08/2016	458	11	N	462.50	395739.69	6908209.28	1177.00	57429.67	99		0	57429.67
8042728	22/08/2016	550	11	N	475.00	395745.87	6908215.59	1175.00	57412.2	99		0	57412.2
8042728	22/08/2016	654	11	N	487.50	395753.53	6908227.39	1178.00	57357.08	49		0	57357.08
8042728	22/08/2016	746											

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042748	23/08/2016	170202	11	N	862.50	395960.16	6908523.97	1216.00	57288.29	99		0	57288.29
8042749	23/08/2016	170246	11	N	875.00	395968.16	6908535.14	1217.00	57299.79	99		0	57299.79
8042750	23/08/2016	170350	11	N	887.50	395975.68	6908544.79	1218.00	57291.55	99		0	57291.55
8042751	23/08/2016	170438	11	N	900.00	395981.88	6908553.49	1219.00	57322.6	99		0	57322.60
8042752	23/08/2016	170534	11	N	912.50	395989.80	6908563.61	1220.00	57343.91	99		0	57343.91
8042753	23/08/2016	170634	11	N	925.00	395996.89	6908572.98	1218.00	57309.45	99		0	57309.45
8042754	23/08/2016	170758	11	N	937.50	396004.57	6908583.43	1220.00	57323.1	99		0	57323.10
8042755	23/08/2016	170854	11	N	950.00	396014.48	6908592.41	1220.00	57318.25	99		0	57318.25
8042756	23/08/2016	170938	11	N	962.50	396019.76	6908603.18	1222.00	57316.19	99		0	57316.19
8042757	23/08/2016	171018	11	N	975.00	396028.18	6908612.89	1221.00	57327.42	99		0	57327.42
8042758	23/08/2016	171126	11	N	987.50	396037.24	6908625.74	1222.00	57350.41	99		0	57350.41
8042759	23/08/2016	171214	11	N	1000.00	396042.22	6908633.30	1223.00	57379.24	99		0	57379.24
8042760	23/08/2016	171254	11	N	1012.50	396049.73	6908641.61	1223.00	57361.04	99		0	57361.04
8042761	23/08/2016	171358	11	N	1025.00	396058.63	6908650.82	1223.00	57456.29	99		0	57456.29
8042762	23/08/2016	171450	11	N	1037.50	396067.08	6908660.08	1223.00	57329.3	99		0	57329.30
8042763	23/08/2016	171650	11	N	1050.00	396073.41	6908669.05	1222.00	57363.84	99		0	57363.84
8042764	23/08/2016	171802	11	N	1062.50	396078.87	6908682.11	1223.00	57383.25	69		0	57383.25
8042765	23/08/2016	171942	11	N	1075.00	396084.91	6908691.19	1225.00	57389.11	99		0	57389.11
8042766	23/08/2016	172046	11	N	1087.50	396095.72	6908703.67	1226.00	57315.35	99		0	57315.35
8042767	23/08/2016	172154	11	N	1100.00	396099.86	6908713.86	1227.00	57324.51	99		0	57324.51
8042768	23/08/2016	172310	11	N	1112.50	396111.89	6908729.65	1227.00	57368.6	79		0	57368.60
8042769	23/08/2016	172354	11	N	1125.00	396118.18	6908740.75	1227.00	57392.85	99		0	57392.85
8042770	23/08/2016	172650	11	N	1137.50	396120.45	6908748.26	1227.00	57403.55	99		0	57403.55
8042771	23/08/2016	172802	11	N	1150.00	396126.00	6908756.74	1227.00	57389.65	99		0	57389.65
8042772	23/08/2016	172906	11	N	1162.50	396133.88	6908766.81	1227.00	57371.28	99		0	57371.28
8042773	23/08/2016	172946	11	N	1175.00	396139.08	6908775.13	1228.00	57416.29	69		0	57416.29
8042774	23/08/2016	173042	11	N	1187.50	396143.51	6908782.47	1227.00	57334.75	59		0	57334.75
8042775	23/08/2016	173142	11	N	1200.00	396150.87	6908792.17	1228.00	57363.48	99		0	57363.48
8042776	23/08/2016	173238	11	N	1212.50	396157.25	6908801.93	1228.00	57355.4	99		0	57355.40
8042777	23/08/2016	173334	11	N	1225.00	396165.95	6908814.52	1228.00	57381.33	79		0	57381.33
8042778	23/08/2016	173418	11	N	1237.50	396172.59	6908824.94	1230.00	57375.1	99		0	57375.10
8042779	23/08/2016	173614	11	N	1250.00	396181.39	6908836.42	1229.00	57370.08	79		0	57370.08
8042780	23/08/2016	173710	11	N	1262.50	396185.79	6908843.06	1228.00	57473.77	79		0	57473.77
8042781	23/08/2016	173802	11	N	1275.00	396194.48	6908853.84	1224.00	57459.44	69		0	57459.44
8042782	23/08/2016	173914	11	N	1287.50	396202.78	6908865.27	1220.00	57287.18	99		0	57287.18
8042783	23/08/2016	173950	11	N	1300.00	396208.93	6908873.93	1218.00	57309.83	99		0	57309.83
8042784	23/08/2016	174034	11	N	1312.50	396216.33	6908882.48	1215.00	57297.83	69		0	57297.83
8042785	23/08/2016	174126	11	N	1325.00	396223.34	6908892.20	1210.00	57273.57	29		0	57273.57
8042786	23/08/2016	174226	11	N	1337.50	396231.91	6908900.81	1205.00	57147.25	99		0	57147.25
8042787	23/08/2016	174326	11	N	1350.00	396237.46	6908907.88	1201.00	57231.23	69		0	57231.23
8042788	23/08/2016	174422	11	N	1362.50	396245.17	6908918.55	1197.00	57305.92	99		0	57305.92
8042789	23/08/2016	174614	11	N	1375.00	396255.11	6908930.33	1193.00	57154.69	99		0	57154.69
8042790	23/08/2016	174658	11	N	1387.50	396261.99	6908938.13	1191.00	57219.94	99		0	57219.94
8042791	23/08/2016	174734	11	N	1400.00	396270.18	6908946.92	1189.00	57296.12	39		1	
8042792	23/08/2016	174754	11	N	1400.00	396270.10	6908947.10	1189.00	57286.98	39		1	
8042793	23/08/2016	174810	11	N	1400.00	396270.06	6908947.06	1190.00	57286.62	69		0	57286.62
8042794	23/08/2016	174854	11	N	1412.50	396276.54	6908956.25	1188.00	57283.89	99		0	57283.89
8042795	23/08/2016	174942	11	N	1425.00	396283.28	6908965.77	1186.00	57222.96	99		0	57222.96
8042796	23/08/2016	175010	11	N	1437.50	396290.18	6908974.65	1183.00	57291.45	99		0	57291.45
8042797	23/08/2016	175046	11	N	1450.00	396297.53	6908984.82	1181.00	57251.14	99		0	57251.14
8042798	23/08/2016	175122	11	N	1462.50	396303.81	6908993.78	1178.00	57233.56	99		0	57233.56
8042799	23/08/2016	175158	11	N	1475.00	396312.95	6909003.96	1176.00	57229.19	99		0	57229.19
8042800	23/08/2016	175254	11	N	1487.50	396319.67	6909016.24	1174.00	57260.28	99		0	57260.28
8042801	23/08/2016	175358	11	N	1500.00	396325.31	6909025.34	1172.00	57337.29	49		0	57337.29
8042802	23/08/2016	175442	11	N	1512.50	396332.13	6909035.19	1170.00	57348.82	99		0	57348.82
8042803	23/08/2016	175542	11	N	1525.00	396338.78	6909045.13	1169.00	57335.98	99		0	57335.98
8042804	23/08/2016	175618	11	N	1537.50	396346.25	6909056.74	1166.00	57287.11	79		0	57287.11
8042805	23/08/2016	175702	11	N	1550.00	396352.32	6909066.39	1165.00	57318.91	99		0	57318.91
8042806	23/08/2016	175738	11	N	1562.50	396361.47	6909078.68	1162.00	57210.59	99		0	57210.59
8042807	23/08/2016	175842	11	N	1575.00	396367.56	6909085.20	1160.00	57260.78	99		0	57260.78
8042808	23/08/2016	175938	11	N	1587.50	396374.36	6909095.91	1158.00	57204.97	99		0	57204.97
8042809	23/08/2016	180014	11	N	1600.00	396380.52	6909105.70	1156.00	57273.45	99		0	57273.45
8042810	23/08/2016	180050	11	N	1612.50	396388.61	6909117.15	1155.00	57255.71	99		0	57255.71
8042811	23/08/2016	180130	11	N	1625.00	396395.57	6909125.89	1152.00	57208.6	99		0	57208.60
8042812	23/08/2016	180202	11	N	1637.50	396402.67	6909136.21	1150.00	57242.43	79		0	57242.43
8042813	23/08/2016	180238	11	N	1650.00	396409.96	6909146.98	1148.00	57267.01	99		0	57267.01
8042814	23/08/2016	180310	11	N	1662.50	396417.53	6909156.21	1147.00	57176.33	69		0	57176.33
8042815	23/08/2016	180346	11	N	1675.00	396425.84	6909166.38	1144.00	57241.07	99		0	57241.07
8042816	23/08/2016	180422	11	N	1687.50	396435.36	6909178.05	1143.00	57183.75	79		0	57183.75
8042817	23/08/2016	180454	11	N	1700.00	396440.71	6909185.92	1142.00	57167.83	99		0	57167.83
8042818	23/08/2016	180526	11	N	1712.50	396447.09	6909194.19	1140.00	57242.25	49		0	57242.25
8042819	23/08/2016	180558	11	N	1725.00	396454.47	6909206.54	1138.00	57247.87	69		0	57247.87
8042820	23/08/2016	180626	11	N	1737.50	396461.84	6909216.21	1135.00	57220.78	99		0	57220.78
8042821	23/08/2016	180702	11	N	1750.00	396470.28	6909227.41	1133.00	57191.96	99		0	57191.96
8042822	23/08/2016	180734	11	N	1762.50	396477.60	6909236.85	1130.00	57274.48	69		0	57274.48
8042823	23/08/2016	180810	11	N	1775.00	396484.00	6909245.25	1128.00	57198.69	59		0	57198.69
8042824	23/08/2016	180846	11	N	1787.50	396491.00	6909256.06	1127.00	57151.55	59		2	
8042825	23/08/2016	180910	11	N	1787.50	396491.03	6909256.52	1127.00	57225.05	59	Better point	0	57225.05
8042826	23/08/2016	180942	11	N	1800.00	396497.79	6909266.45	1125.00	57240.76	89		0	57240.76
8042827	23/08/2016	181018	11	N	1812.50	396505.03	6909275.92	1123.00	57246.67	99		0	57246.67
8042828	23/08/2016	181054	11	N	1825.00	396512.41	6909286.22	1120.00	57188.13	79			

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	23/08/2016	214542	13	N	262.50	395783.21	6907932.94	1113.00	57230.26	99		0	57230.26
1124844	23/08/2016	214506	13	N	275.00	395794.60	6907939.82	1114.00	57301.75	99		0	57301.75
1124844	23/08/2016	214426	13	N	287.50	395798.09	6907950.66	1117.00	57337.97	99		0	57337.97
1124844	23/08/2016	214346	13	N	300.00	395804.73	6907961.58	1117.00	57359.35	99		0	57359.35
1124844	23/08/2016	214302	13	N	312.50	395813.19	6907970.66	1120.00	57315.39	99		0	57315.39
1124844	23/08/2016	214230	13	N	325.00	395821.20	6907977.88	1120.00	57327.67	99		0	57327.67
1124844	23/08/2016	214158	13	N	337.50	395828.12	6907989.02	1123.00	57329.21	99		0	57329.21
1124844	23/08/2016	214118	13	N	350.00	395835.14	6907997.85	1122.00	57297.05	79		0	57297.05
1124844	23/08/2016	214030	13	N	362.50	395846.13	6908007.44	1125.00	57273.84	99		0	57273.84
1124844	23/08/2016	213950	13	N	375.00	395849.47	6908018.12	1126.00	57239.34	99		0	57239.34
1124844	23/08/2016	213858	13	N	387.50	395855.34	6908029.57	1127.00	57229.55	99		0	57229.55
1124844	23/08/2016	213822	13	N	400.00	395863.17	6908039.21	1128.00	57269.46	99		0	57269.46
1124844	23/08/2016	213734	13	N	412.50	395870.43	6908047.19	1128.00	57305.59	99		0	57305.59
1124844	23/08/2016	213426	13	N	425.00	395877.00	6908058.22	1129.00	57295.24	99		0	57295.24
1124844	23/08/2016	213318	13	N	437.50	395886.60	6908067.65	1131.00	57270.43	99		0	57270.43
1124844	23/08/2016	213158	13	N	450.00	395891.50	6908076.95	1131.00	57254.4	79		0	57254.40
1124844	23/08/2016	212818	13	N	462.50	395900.74	6908085.13	1133.00	57210	99		0	57210.00
1124844	23/08/2016	212742	13	N	475.00	395909.77	6908096.34	1134.00	57139.64	99		0	57139.64
1124844	23/08/2016	212654	13	N	487.50	395915.82	6908107.03	1138.00	57213.1	99		0	57213.10
1124844	23/08/2016	212558	13	N	500.00	395921.42	6908116.47	1137.00	57246.25	99		0	57246.25
1124844	23/08/2016	212506	13	N	512.50	395930.60	6908125.37	1139.00	57214.98	89		0	57214.98
1124844	23/08/2016	212358	13	N	525.00	395939.12	6908135.55	1140.00	57184.15	99		0	57184.15
1124844	23/08/2016	212326	13	N	537.50	395948.28	6908145.47	1142.00	57124.64	99		0	57124.64
1124844	23/08/2016	212246	13	N	550.00	395954.61	6908156.43	1145.00	57093.72	99		0	57093.72
1124844	23/08/2016	212030	13	N	562.50	395961.46	6908166.74	1148.00	57137.35	99		0	57137.35
1124844	23/08/2016	211938	13	N	575.00	395969.15	6908177.92	1151.00	57279.06	99		0	57279.06
1124844	23/08/2016	211726	13	N	587.50	395969.56	6908190.04	1154.00	57332.38	99		0	57332.38
1124844	23/08/2016	211602	13	N	600.00	395977.16	6908198.96	1156.00	57366.48	69		0	57366.48
1124844	23/08/2016	211522	13	N	612.50	395983.92	6908209.75	1159.00	57333.86	99		0	57333.86
1124844	23/08/2016	211442	13	N	625.00	395991.11	6908220.32	1161.00	57337.57	99		0	57337.57
1124844	23/08/2016	211402	13	N	637.50	395998.33	6908230.86	1162.00	57315.67	99		0	57315.67
1124844	23/08/2016	211322	13	N	650.00	396007.41	6908239.72	1164.00	57273.79	99		0	57273.79
1124844	23/08/2016	211246	13	N	662.50	396012.50	6908251.71	1167.00	57243.75	99		0	57243.75
1124844	23/08/2016	211214	13	N	675.00	396018.34	6908261.01	1170.00	57280.05	99		0	57280.05
1124844	23/08/2016	211110	13	N	687.50	396026.43	6908273.39	1171.00	57355.15	99		0	57355.15
1124844	23/08/2016	211002	13	N	700.00	396031.50	6908281.83	1172.00	57311.04	99		0	57311.04
1124844	23/08/2016	210722	13	N	712.50	396042.45	6908291.45	1175.00	57346.7	99		0	57346.70
1124844	23/08/2016	210642	13	N	725.00	396050.15	6908303.53	1177.00	57254.1	99		0	57254.10
1124844	23/08/2016	210606	13	N	737.50	396058.64	6908313.33	1178.00	57272.06	99		0	57272.06
1124844	23/08/2016	210522	13	N	750.00	396064.82	6908323.94	1180.00	57238.93	99		0	57238.93
1124844	23/08/2016	210402	13	N	762.50	396071.96	6908335.80	1182.00	57293.5	69		2	
1124844	23/08/2016	210422	13	N	762.50	396071.67	6908335.91	1181.00	57207.91	99	Better Point	0	57207.91
1124844	23/08/2016	210318	13	N	775.00	396081.41	6908343.56	1182.00	57238.62	99		0	57238.62
1124844	23/08/2016	210242	13	N	787.50	396088.52	6908354.45	1186.00	57254.97	99		0	57254.97
1124844	23/08/2016	210202	13	N	800.00	396093.73	6908364.70	1186.00	57263.14	99		0	57263.14
1124844	23/08/2016	210054	13	N	812.50	396102.92	6908375.54	1187.00	57324.96	39		2	
1124844	23/08/2016	210110	13	N	812.50	396102.31	6908375.97	1189.00	57267.09	99	Better Point	0	57267.09
1124844	23/08/2016	210018	13	N	825.00	396107.21	6908387.79	1187.00	57234.81	99		0	57234.81
1124844	23/08/2016	205942	13	N	837.50	396114.23	6908397.44	1188.00	57274.46	99		0	57274.46
1124844	23/08/2016	205830	13	N	850.00	396121.39	6908409.53	1190.00	57231.32	99		0	57231.32
1124844	23/08/2016	205738	13	N	862.50	396126.72	6908420.91	1192.00	57262.79	99		0	57262.79
1124844	23/08/2016	205630	13	N	875.00	396135.20	6908430.19	1192.00	57277.89	69		0	57277.89
1124844	23/08/2016	205534	13	N	887.50	396144.45	6908438.42	1192.00	57238.43	79		0	57238.43
1124844	23/08/2016	205442	13	N	900.00	396149.98	6908449.02	1192.00	57228.11	99		0	57228.11
1124844	23/08/2016	205402	13	N	912.50	396156.37	6908461.19	1192.00	57262.98	99		0	57262.98
1124844	23/08/2016	205322	13	N	925.00	396163.97	6908471.21	1193.00	57246.67	99		0	57246.67
1124844	23/08/2016	205214	13	N	937.50	396170.03	6908482.74	1195.00	57236.46	99		0	57236.46
1124844	23/08/2016	205130	13	N	950.00	396176.55	6908493.68	1196.00	57276.76	99		0	57276.76
1124844	23/08/2016	205038	13	N	962.50	396185.81	6908501.70	1196.00	57239.23	99		0	57239.23
1124844	23/08/2016	204954	13	N	975.00	396193.35	6908511.00	1198.00	57233.98	99		0	57233.98
1124844	23/08/2016	204918	13	N	987.50	396200.20	6908521.04	1199.00	57237.16	99		0	57237.16
1124844	23/08/2016	204842	13	N	1000.00	396209.44	6908532.29	1200.00	57249.69	99		0	57249.69
1124844	23/08/2016	204750	13	N	1012.50	396213.93	6908540.41	1202.00	57396.9	59		2	
1124844	23/08/2016	204810	13	N	1012.50	396213.81	6908539.91	1202.00	57308.99	99	Better point	0	57308.99
1124844	23/08/2016	204702	13	N	1025.00	396219.28	6908549.98	1203.00	57308.86	99		0	57308.86
1124844	23/08/2016	204622	13	N	1037.50	396227.73	6908562.56	1205.00	57309.7	99		0	57309.70
1124844	23/08/2016	204514	13	N	1050.00	396235.49	6908571.96	1206.00	57317.43	99		0	57317.43
1124844	23/08/2016	204434	13	N	1062.50	396243.89	6908580.12	1207.00	57363.03	69		0	57363.03
1124844	23/08/2016	204346	13	N	1075.00	396249.57	6908590.63	1208.00	57319.32	99		0	57319.32
1124844	23/08/2016	204310	13	N	1087.50	396255.73	6908600.93	1209.00	57414.64	89		0	57414.64
1124844	23/08/2016	204234	13	N	1100.00	396261.59	6908612.23	1209.00	57334.5	99		0	57334.50
1124844	23/08/2016	204046	13	N	1112.50	396269.75	6908622.40	1211.00	57332.14	99		0	57332.14
1124844	23/08/2016	204010	13	N	1125.00	396277.28	6908630.47	1211.00	57282.54	99		0	57282.54
1124844	23/08/2016	203938	13	N	1137.50	396284.60	6908638.33	1212.00	57262.12	99		0	57262.12
1124844	23/08/2016	203850	13	N	1150.00	396294.03	6908649.61	1213.00	57247.22	99		0	57247.22
1124844	23/08/2016	203818	13	N	1162.50	396298.47	6908659.49	1214.00	57254.32	99		0	57254.32
1124844	23/08/2016	203742	13	N	1175.00	396306.46	6908670.74	1214.00	57296.04	99		0	57296.04
1124844	23/08/2016	203706	13	N	1187.50	396310.69	6908682.27	1216.00	57275.44	99		0	57275.44
1124844	23/08/2016	203110	13	N	1200.00	396316.97	6908689.52	1215.00	57229.27	99		0	57229.27
1124844	23/08/2016	203034	13	N	1212.50	396320.24	6908700.78	1216.00	57224.51	99		0	57224.51
1124844	23/08/2016	202954	13	N	1225.00	396327.70	6908711.76	1217.00	57236.86	99		0	57236.86
1124844	23/08/2016</												

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	23/08/2016	195614	13	N	1612.50	396544.86	6909009.75	1170.00	57272.98	99		0	57272.98
1124844	23/08/2016	195534	13	N	1625.00	396549.37	6909020.45	1167.00	57212.81	99		0	57212.81
1124844	23/08/2016	195458	13	N	1637.50	396557.64	6909029.62	1165.00	57194.34	99		0	57194.34
1124844	23/08/2016	195414	13	N	1650.00	396563.56	6909041.23	1163.00	57184.44	99		0	57184.44
1124844	23/08/2016	195334	13	N	1662.50	396569.92	6909051.42	1160.00	57208.54	99		0	57208.54
1124844	23/08/2016	195238	13	N	1675.00	396576.78	6909061.65	1158.00	57193.83	99		0	57193.83
1124844	23/08/2016	195154	13	N	1687.50	396582.96	6909072.25	1156.00	57171.8	99		0	57171.80
1124844	23/08/2016	195110	13	N	1700.00	396589.82	6909083.50	1154.00	57246.87	99		0	57246.87
1124844	23/08/2016	195022	13	N	1712.50	396595.60	6909093.29	1152.00	57199.37	99		0	57199.37
1124844	23/08/2016	194942	13	N	1725.00	396604.26	6909102.32	1150.00	57206.52	99		0	57206.52
1124844	23/08/2016	194902	13	N	1737.50	396611.70	6909111.91	1148.00	57197.56	79		0	57197.56
1124844	23/08/2016	194758	13	N	1750.00	396619.71	6909120.80	1144.00	57165.69	99		0	57165.69
1124844	23/08/2016	194714	13	N	1762.50	396626.87	6909131.22	1142.00	57287.9	99		0	57287.90
1124844	23/08/2016	194634	13	N	1775.00	396633.97	6909140.21	1139.00	57263.5	99		0	57263.50
1124844	23/08/2016	194546	13	N	1787.50	396641.49	6909150.54	1137.00	57196.41	99		0	57196.41
1124844	23/08/2016	194458	13	N	1800.00	396649.11	6909159.25	1135.00	57173.13	99		0	57173.13
1124844	23/08/2016	194410	13	N	1812.50	396655.11	6909170.69	1133.00	57201.11	99		0	57201.11
1124844	23/08/2016	193318	13	N	1825.00	396663.52	6909180.07	1133.00	57192.79	99	Most Likely Point	0	57192.79
1124844	23/08/2016	193638	13	N	1825.00	396664.65	6909178.35	1128.00	57336.13	29		2	
1124844	23/08/2016	194042	13	N	1825.00	396664.50	6909178.35	1129.00	57293.4	49		2	
1124844	23/08/2016	194258	13	N	1825.00	396664.19	6909177.99	1130.00	57152.54	99		1	
1124844	23/08/2016	193038	13	N	1837.50	396671.11	6909191.79	1130.00	57202.07	99		0	57202.07
1124844	23/08/2016	193206	13	N	1837.50	396670.80	6909191.55	1130.00	57198.94	99		1	
1124844	23/08/2016	192942	13	N	1850.00	396676.25	6909202.62	1127.00	57200.66	99		0	57200.66
1124844	23/08/2016	192854	13	N	1862.50	396683.13	6909213.93	1125.00	57189.86	99		0	57189.86
1124844	23/08/2016	192810	13	N	1875.00	396688.64	6909222.10	1121.00	57193.07	99		0	57193.07
1124844	23/08/2016	192654	13	N	1887.50	396694.16	6909231.69	1117.00	57150.15	99		0	57150.15
1124844	23/08/2016	192014	13	N	1900.00	0.00	0.00	0.00	57226.9	69		2	
1124844	23/08/2016	192330	13	N	1900.00	0.00	0.00	0.00	57225	69		1	
1124844	23/08/2016	192502	13	N	1900.00	396702.63	6909242.29	1113.00	57212.11	99	No GPS signal Prior to this one	0	57212.11
8042994	23/08/2016	215554	15	N	0.00	395814.39	6907643.17	1062.00	57133.87	99		0	57133.87
8042993	23/08/2016	215458	15	N	12.50	395820.14	6907656.16	1066.00	57190.86	69		0	57190.86
8042992	23/08/2016	215418	15	N	25.00	395825.17	6907666.74	1068.00	57200.8	59		0	57200.80
8042991	23/08/2016	215342	15	N	37.50	395832.92	6907675.19	1071.00	57162.37	59		0	57162.37
8042990	23/08/2016	215254	15	N	50.00	395840.18	6907686.20	1074.00	57177.29	99		0	57177.29
8042989	23/08/2016	215142	15	N	62.50	395843.78	6907697.18	1073.00	57224.25	69		0	57224.25
8042988	23/08/2016	215054	15	N	75.00	395850.89	6907707.37	1077.00	57245.12	99		0	57245.12
8042987	23/08/2016	214958	15	N	87.50	395856.17	6907714.44	1085.00	57262.94	79		0	57262.94
8042986	23/08/2016	214926	15	N	100.00	395866.12	6907723.97	1082.00	57257.57	99		0	57257.57
8042985	23/08/2016	214854	15	N	112.50	395871.93	6907730.48	1086.00	57171.05	99		0	57171.05
8042984	23/08/2016	214826	15	N	125.00	395876.66	6907738.95	1087.00	57256.52	69		0	57256.52
8042983	23/08/2016	214746	15	N	137.50	395883.18	6907750.19	1092.00	57345.39	39		0	57345.39
8042982	23/08/2016	214702	15	N	150.00	395889.50	6907763.61	1095.00	57282.52	89		0	57282.52
8042981	23/08/2016	214630	15	N	162.50	395894.74	6907769.60	1099.00	57337.52	99		0	57337.52
8042980	23/08/2016	214546	15	N	175.00	395900.46	6907780.80	1105.00	57380.07	59		0	57380.07
8042979	23/08/2016	214506	15	N	187.50	395909.52	6907791.49	1102.00	57451.74	39		0	57451.74
8042978	23/08/2016	214358	15	N	200.00	395914.48	6907799.74	1103.00	57472.89	49		2	
8042977	23/08/2016	214418	15	N	200.00	395913.92	6907798.61	1105.00	57417.27	49		2	
8042976	23/08/2016	214434	15	N	200.00	395913.83	6907798.78	1104.00	57419.62	59	Likely Best Point	0	57419.62
8042975	23/08/2016	214318	15	N	212.50	395922.95	6907812.65	1107.00	57317.52	79		0	57317.52
8042974	23/08/2016	214230	15	N	225.00	395929.63	6907824.00	1108.00	57280.11	79		0	57280.11
8042973	23/08/2016	213846	15	N	237.50	395940.45	6907832.53	1113.00	57341.17	99		0	57341.17
8042972	23/08/2016	213750	15	N	250.00	395948.44	6907842.83	1115.00	57279.81	79		0	57279.81
8042971	23/08/2016	213714	15	N	262.50	395956.03	6907854.13	1116.00	57300.45	89		0	57300.45
8042970	23/08/2016	213634	15	N	275.00	395960.33	6907863.21	1117.00	57222.03	79		0	57222.03
8042969	23/08/2016	213546	15	N	287.50	395969.25	6907872.54	1118.00	57238.34	69		0	57238.34
8042968	23/08/2016	213506	15	N	300.00	395975.43	6907879.32	1121.00	57258.91	79		0	57258.91
8042967	23/08/2016	213422	15	N	312.50	395983.64	6907889.84	1123.00	57416.16	49		0	57416.16
8042966	23/08/2016	213346	15	N	325.00	395990.65	6907898.81	1128.00	57353.15	69		0	57353.15
8042965	23/08/2016	213302	15	N	337.50	395997.23	6907908.58	1129.00	57350.6	59		0	57350.60
8042964	23/08/2016	213218	15	N	350.00	396006.49	6907920.93	1136.00	57218.98	79		0	57218.98
8042963	23/08/2016	213150	15	N	362.50	396012.56	6907930.27	1137.00	57243.39	99		0	57243.39
8042962	23/08/2016	213114	15	N	375.00	396017.15	6907939.25	1138.00	57301.71	49		0	57301.71
8042961	23/08/2016	213030	15	N	387.50	396023.64	6907946.58	1142.00	57195.72	49		0	57195.72
8042960	23/08/2016	212934	15	N	400.00	396030.71	6907959.53	1143.00	57164.82	39		0	57164.82
8042959	23/08/2016	212842	15	N	412.50	396038.65	6907971.61	1145.00	57257.01	59	Begins to travel off line to the east	0	57257.01
8042958	23/08/2016	212802	15	N	425.00	396047.58	6907978.45	1145.00	57300.28	79		0	57300.28
8042957	23/08/2016	212722	15	N	437.50	396059.36	6907985.31	1149.00	57344.51	39		0	57344.51
8042956	23/08/2016	212650	15	N	450.00	396067.41	6907991.05	1149.00	57353.3	79		0	57353.30
8042954	23/08/2016	212602	15	N	462.50	396077.45	6907997.56	1154.00	57333.54	29	Best Point	0	57333.54
8042955	23/08/2016	212618	15	N	462.50	396077.49	6907997.57	1153.00	57368.38	19		2	
8042953	23/08/2016	212518	15	N	475.00	396086.28	6908008.71	1156.00	57300.49	59		0	57300.49
8042952	23/08/2016	212434	15	N	487.50	396091.20	6908018.69	1158.00	57258.3	59		0	57258.30
8042951	23/08/2016	212358	15	N	500.00	396097.28	6908027.11	1159.00	57239.36	59		0	57239.36
8042950	23/08/2016	212322	15	N	512.50	396105.71	6908036.96	1163.00	57224.45	69		0	57224.45
8042949	23/08/2016	212242	15	N	525.00	396109.14	6908045.16	1162.00	57285.96	49		0	57285.96
8042948	23/08/2016	212158	15	N	537.50	396117.29	6908057.10	1165.00	57332.1	49		0	57332.10
8042947	23/08/2016	212114	15	N	550.00	396120.31	6908066.54	1163.00	57355.24	99		0	57355.24
8042946	23/08/2016	212002	15	N	562.50	396119.70	6908082.50	1164.00	57244.62	29		0	57244.62
8042945	23/08/2016	211846	15	N	575.00	396119.11	6908091.91	1165.00	57280.92	99	Back on line after traveling off line	0	57280.92
8042944	23/08/2016	211750	15	N	587.50	396130.32	6908105.11	1168.00	57484.12	39	bad data point	9	
8042943	23/08/2016	211718	15	N	600.00	396135.62	6908113.						

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042913	23/08/2016	205338	15	N	962.50	396339.72	6908406.80	1189.00	57124.42	69		0	57124.42
8042912	23/08/2016	205250	15	N	975.00	396346.18	6908417.51	1192.00	57229.33	99		0	57229.33
8042911	23/08/2016	204834	15	N	987.50	396357.83	6908434.33	1192.00	57288.32	99		0	57288.32
8042910	23/08/2016	204802	15	N	1000.00	396365.49	6908445.15	1194.00	57339.36	69		0	57339.36
8042909	23/08/2016	204710	15	N	1012.50	396375.22	6908458.76	1196.00	57285.33	99		0	57285.33
8042908	23/08/2016	204634	15	N	1025.00	396379.37	6908464.57	1197.00	57369.77	79		0	57369.77
8042907	23/08/2016	204458	15	N	1037.50	396385.16	6908472.41	1196.00	57392.84	59		0	57392.84
8042906	23/08/2016	204406	15	N	1050.00	396390.49	6908482.46	1197.00	57469.32	59		0	57469.32
8042905	23/08/2016	204314	15	N	1062.50	396399.65	6908494.24	1199.00	57400.6	69		0	57400.60
8042904	23/08/2016	204234	15	N	1075.00	396407.10	6908505.95	1200.00	57384.88	99		0	57384.88
8042902	23/08/2016	204042	15	N	1087.50	396411.66	6908513.28	1201.00	57453.39	39	Better point	0	57453.39
8042903	23/08/2016	204058	15	N	1087.50	396411.51	6908511.65	1202.00	57413.78	49		2	
8042901	23/08/2016	203950	15	N	1100.00	396419.20	6908524.35	1201.00	57473.77	69		0	57473.77
8042900	23/08/2016	203902	15	N	1112.50	396426.09	6908534.24	1202.00	57271.71	89		0	57271.71
8042899	23/08/2016	203822	15	N	1125.00	396434.09	6908547.21	1205.00	57305.98	99		0	57305.98
8042898	23/08/2016	203746	15	N	1137.50	396440.23	6908554.22	1205.00	57418.5	69		0	57418.50
8042897	23/08/2016	203638	15	N	1150.00	396447.62	6908565.71	1205.00	57378.82	99		0	57378.82
8042896	23/08/2016	203554	15	N	1162.50	396455.68	6908576.04	1207.00	57417.73	89		0	57417.73
8042895	23/08/2016	203514	15	N	1175.00	396462.06	6908584.41	1208.00	57442.02	69		0	57442.02
8042894	23/08/2016	203402	15	N	1187.50	396466.77	6908592.98	1208.00	57388.39	99		0	57388.39
8042893	23/08/2016	203322	15	N	1200.00	396473.96	6908603.79	1207.00	57370.37	59		0	57370.37
8042892	23/08/2016	203238	15	N	1212.50	396481.60	6908615.04	1208.00	57451.46	69		0	57451.46
8042891	23/08/2016	203202	15	N	1225.00	396487.98	6908624.34	1210.00	57436.08	99		0	57436.08
8042890	23/08/2016	203102	15	N	1237.50	396496.85	6908634.65	1211.00	57396.86	79		0	57396.86
8042889	23/08/2016	203026	15	N	1250.00	396500.53	6908643.51	1210.00	57502.84	99		0	57502.84
8042888	23/08/2016	202554	15	N	1262.50	396510.18	6908655.14	1208.00	57351.57	59		0	57351.57
8042887	23/08/2016	202506	15	N	1275.00	396515.79	6908664.39	1210.00	57293.63	69		0	57293.63
8042886	23/08/2016	202410	15	N	1287.50	396522.97	6908674.78	1210.00	57480.04	59	Bad point, no supporting points	9	
8042885	23/08/2016	202322	15	N	1300.00	396530.44	6908686.57	1211.00	57288.93	99		0	57288.93
8042884	23/08/2016	202234	15	N	1312.50	396535.91	6908695.41	1211.00	57357.79	69		0	57357.79
8042883	23/08/2016	202150	15	N	1325.00	396540.86	6908703.45	1211.00	57396.98	79		0	57396.98
8042882	23/08/2016	202058	15	N	1337.50	396547.35	6908712.81	1211.00	57392.92	99		0	57392.92
8042881	23/08/2016	201958	15	N	1350.00	396552.45	6908719.55	1211.00	57506.1	69	Bad Point, likely sensor failure	9	
8042880	23/08/2016	201814	15	N	1362.50	396561.68	6908731.79	1210.00	57321.6	99		0	57321.60
8042879	23/08/2016	201710	15	N	1375.00	396570.64	6908746.07	1209.00	57323.06	99		0	57323.06
8042878	23/08/2016	201554	15	N	1387.50	396579.20	6908756.12	1207.00	57346.15	99		0	57346.15
8042877	23/08/2016	201458	15	N	1400.00	396587.34	6908764.79	1206.00	57280.4	99		0	57280.40
8042876	23/08/2016	201406	15	N	1412.50	396591.88	6908773.52	1206.00	57269.37	99		0	57269.37
8042875	23/08/2016	201258	15	N	1425.00	396597.01	6908781.92	1205.00	57317.16	99		0	57317.16
8042874	23/08/2016	201150	15	N	1437.50	396605.59	6908796.33	1203.00	57232.22	99		0	57232.22
8042873	23/08/2016	201026	15	N	1450.00	396613.36	6908806.78	1201.00	57231.59	99		0	57231.59
8042872	23/08/2016	200930	15	N	1462.50	396617.51	6908813.47	1201.00	57275.26	99		0	57275.26
8042871	23/08/2016	200806	15	N	1475.00	396623.52	6908822.84	1199.00	57279.78	99		0	57279.78
8042870	23/08/2016	200718	15	N	1487.50	396630.29	6908833.36	1197.00	57431.84	69		0	57431.84
8042869	23/08/2016	200526	15	N	1500.00	396640.08	6908848.36	1196.00	57308.97	99		0	57308.97
8042868	23/08/2016	200414	15	N	1512.50	396648.34	6908859.14	1194.00	57269.97	13		0	57269.97
8042867	23/08/2016	200322	15	N	1525.00	396653.37	6908867.03	1192.00	57272.48	79		0	57272.48
8042866	23/08/2016	200210	15	N	1537.50	396660.59	6908877.77	1192.00	57315.32	59		0	57315.32
8042865	23/08/2016	200050	15	N	1550.00	396668.35	6908888.73	1190.00	57267.62	99		0	57267.62
8042864	23/08/2016	195926	15	N	1562.50	396675.83	6908901.21	1187.00	57401.73	69		0	57401.73
8042863	23/08/2016	195822	15	N	1575.00	396681.13	6908909.67	1186.00	57305.92	79		0	57305.92
8042862	23/08/2016	195726	15	N	1587.50	396687.91	6908918.85	1183.00	57275.67	99		0	57275.67
8042861	23/08/2016	195614	15	N	1600.00	396694.86	6908928.56	1182.00	57283.74	99		0	57283.74
8042860	23/08/2016	195450	15	N	1612.50	396703.43	6908938.77	1179.00	57282.12	99		0	57282.12
8042859	23/08/2016	195338	15	N	1625.00	396711.47	6908948.27	1177.00	57283.66	99		0	57283.66
8042858	23/08/2016	195242	15	N	1637.50	396718.91	6908959.04	1176.00	57350.95	69		0	57350.95
8042857	23/08/2016	195158	15	N	1650.00	396725.40	6908969.13	1174.00	57458.78	49		0	57458.78
8042856	23/08/2016	195058	15	N	1662.50	396732.19	6908979.65	1174.00	57227.23	99		0	57227.23
8042855	23/08/2016	194954	15	N	1675.00	396739.32	6908989.26	1171.00	57260.84	99		0	57260.84
8042854	23/08/2016	194850	15	N	1687.50	396746.08	6908999.14	1167.00	57251.53	99		0	57251.53
8042853	23/08/2016	194758	15	N	1700.00	396750.30	6909007.22	1165.00	57216.85	99		0	57216.85
8042852	23/08/2016	194654	15	N	1712.50	396757.56	6909016.72	1164.00	57295.25	99		0	57295.25
8042851	23/08/2016	194546	15	N	1725.00	396763.67	6909027.01	1162.00	57261.99	99		0	57261.99
8042850	23/08/2016	194458	15	N	1737.50	396768.80	6909035.59	1161.00	57306.18	99		0	57306.18
8042849	23/08/2016	194330	15	N	1750.00	396777.77	6909049.63	1161.00	57310.28	79		0	57310.28
8042848	23/08/2016	194234	15	N	1762.50	396786.44	6909061.37	1156.00	57271.39	89		0	57271.39
8042847	23/08/2016	194130	15	N	1775.00	396792.32	6909068.15	1156.00	57273.29	99		0	57273.29
8042846	23/08/2016	193914	15	N	1787.50	396800.65	6909078.79	1154.00	57437.45	99		0	57437.45
8042845	23/08/2016	193830	15	N	1800.00	396805.33	6909087.54	1151.00	57366.96	99		0	57366.96
8042844	23/08/2016	193614	15	N	1812.50	396811.92	6909098.91	1152.00	57359.37	79		0	57359.37
8042843	23/08/2016	193350	15	N	1825.00	396820.07	6909109.91	1151.00	57319.52	99		0	57319.52
8042842	23/08/2016	193214	15	N	1837.50	396826.23	6909119.45	1149.00	57378.94	49	Better point	0	57378.94
8042841	23/08/2016	193230	15	N	1837.50	396826.18	6909119.46	1148.00	57402.1	39		2	
8042840	23/08/2016	193034	15	N	1850.00	396832.97	6909129.25	1148.00	57311.04	99		0	57311.04
8042839	23/08/2016	192934	15	N	1862.50	396840.55	6909138.88	1146.00	57359.44	99		0	57359.44
8042837	23/08/2016	192742	15	N	1875.00	396847.85	6909150.06	1144.00	57277.56	99		0	57277.56
8042838	23/08/2016	192758	15	N	1875.00	396847.84	6909150.41	1144.00	57277.76	99		1	
1124844	28/08/2016	191838	17	N	0	395978.11	6907529.37	1067	57118.46	99		0	57118.46
1124844	28/08/2016	191858	17	N	0	395978.25	6907529.05	1066	57118.41	99		1	
1124844	28/08/2016	191754	17	N	12.5	395983.83	6907540.72	1069	57120.69	99		0	57120.69
1124844	28/08/2016	191714	17	N	25	395990.96	6907551.04	1070	57135.32	99		0	57135.32
1124844</													

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	28/08/2016	185406	17	N	412.5	396204.7	6907850.69	1156	57160.02	99		0	57160.02
1124844	28/08/2016	185330	17	N	425	396211.74	6907861.4	1160	57221.2	99		0	57221.20
1124844	28/08/2016	185254	17	N	437.5	396220.81	6907869.88	1166	57214.4	99		0	57214.40
1124844	28/08/2016	185210	17	N	450	396226.01	6907878.6	1167	57233.74	99		0	57233.74
1124844	28/08/2016	185134	17	N	462.5	396232.63	6907889.8	1173	57212.88	99		0	57212.88
1124844	28/08/2016	185046	17	N	475	396240.7	6907899.5	1175	57237.66	99		0	57237.66
1124844	28/08/2016	185010	17	N	487.5	396248.85	6907909.1	1180	57245.09	99		0	57245.09
1124844	28/08/2016	184922	17	N	500	396254.33	6907916.49	1183	57199.6	99		0	57199.60
1124844	28/08/2016	184754	17	N	512.5	396260.21	6907927.69	1186	57162.82	99		0	57162.82
1124844	28/08/2016	184710	17	N	525	396267.47	6907937.7	1190	57273.52	99		0	57273.52
1124844	28/08/2016	184530	17	N	537.5	396273.58	6907949.04	1192	57271.35	99		0	57271.35
1124844	28/08/2016	184502	17	N	550	396281.47	6907960.03	1195	57164.99	99		0	57164.99
1124844	28/08/2016	184414	17	N	562.5	396289.04	6907966.35	1199	57140.67	99		0	57140.67
1124844	28/08/2016	184054	17	N	575	396297.58	6907978.89	1200	57154.57	99		0	57154.57
1124844	28/08/2016	184018	17	N	587.5	396303.67	6907989.38	1201	57262.05	99		0	57262.05
1124844	28/08/2016	183942	17	N	600	396306.6	6908002.17	1203	57280.55	99		0	57280.55
1124844	28/08/2016	183910	17	N	612.5	396315.38	6908011.09	1204	57247.05	99		0	57247.05
1124844	28/08/2016	183838	17	N	625	396322.92	6908022.4	1205	57193.38	99		0	57193.38
1124844	28/08/2016	183810	17	N	637.5	396331.55	6908030.16	1205	57219.58	99		0	57219.58
1124844	28/08/2016	183738	17	N	650	396339.12	6908040.69	1206	57217.7	99		0	57217.70
1124844	28/08/2016	183506	17	N	662.5	396347.47	6908047.25	1205	57198.11	99		0	57198.11
1124844	28/08/2016	183410	17	N	675	396352.93	6908061.16	1205	57226.85	99		0	57226.85
1124844	28/08/2016	183338	17	N	687.5	396361.77	6908072.25	1205	57209.2	99		0	57209.20
1124844	28/08/2016	183254	17	N	700	396370.6	6908079.47	1205	57166.16	99		0	57166.16
1124844	28/08/2016	183214	17	N	712.5	396376.48	6908091.16	1204	57187.87	99		0	57187.87
1124844	28/08/2016	183118	17	N	725	396383.42	6908103.7	1204	57218.91	99		0	57218.91
1124844	28/08/2016	183018	17	N	737.5	396389.5	6908114.52	1203	57172.95	99		0	57172.95
1124844	28/08/2016	182946	17	N	750	396397.28	6908124.72	1203	57233.75	99		0	57233.75
1124844	28/08/2016	182822	17	N	762.5	396405.53	6908134.83	1203	57250.04	99		0	57250.04
1124844	28/08/2016	182746	17	N	775	396412.76	6908144.62	1202	57252.47	99		0	57252.47
1124844	28/08/2016	182542	17	N	787.5	396419.61	6908156.96	1202	57193.4	99		0	57193.40
1124844	28/08/2016	182502	17	N	800	396426.13	6908167.63	1202	57187.84	99		0	57187.84
1124844	28/08/2016	182430	17	N	812.5	396434.55	6908178.75	1202	57201.44	99		0	57201.44
1124844	28/08/2016	182358	17	N	825	396441.43	6908189.22	1202	57216.84	99		0	57216.84
1124844	28/08/2016	182318	17	N	837.5	396449.94	6908200.26	1202	57184.2	99		0	57184.20
1124844	28/08/2016	182238	17	N	850	396457.22	6908211.37	1202	57191.95	99		0	57191.95
1124844	28/08/2016	182202	17	N	862.5	396464.67	6908221.22	1202	57200.54	99		0	57200.54
1124844	28/08/2016	182014	17	N	875	396472.59	6908231.11	1202	57168.04	99		0	57168.04
1124844	28/08/2016	181930	17	N	887.5	396482.19	6908239.41	1202	57183.29	99		0	57183.29
1124844	28/08/2016	181854	17	N	900	396489.34	6908248.1	1202	57174.48	99		0	57174.48
1124844	28/08/2016	181822	17	N	912.5	396496.91	6908260.19	1201	57152.22	99		0	57152.22
1124844	28/08/2016	181742	17	N	925	396502.79	6908268.44	1200	57180.68	99		0	57180.68
1124844	28/08/2016	181706	17	N	937.5	396512.01	6908281.13	1200	57171.85	99		0	57171.85
1124844	28/08/2016	181618	17	N	950	396518.35	6908291.32	1200	57197.46	99		0	57197.46
1124844	28/08/2016	181542	17	N	962.5	396523.97	6908302.52	1200	57198.74	99		0	57198.74
1124844	28/08/2016	181454	17	N	975	396532.26	6908313.21	1199	57229.05	99		0	57229.05
1124844	28/08/2016	181322	17	N	987.5	396538.56	6908322.16	1199	57247.17	99		0	57247.17
1124844	28/08/2016	181250	17	N	1000	396545.53	6908332.26	1199	57213.27	99		0	57213.27
1124844	28/08/2016	181218	17	N	1012.5	396553.9	6908343.46	1199	57209.02	99		0	57209.02
1124844	28/08/2016	181146	17	N	1025	396560.36	6908353.44	1199	57219.42	99		0	57219.42
1124844	28/08/2016	181106	17	N	1037.5	396568.43	6908364.59	1199	57199.6	99		0	57199.60
1124844	28/08/2016	181034	17	N	1050	396575.26	6908373.6	1199	57207.69	99		0	57207.69
1124844	28/08/2016	181002	17	N	1062.5	396581.93	6908384.32	1199	57211.67	99		0	57211.67
1124844	28/08/2016	180906	17	N	1075	396590.92	6908395.23	1200	57224.52	99		0	57224.52
1124844	28/08/2016	180814	17	N	1087.5	396599.29	6908404.57	1201	57210.99	99		0	57210.99
1124844	28/08/2016	180602	17	N	1100	396607.68	6908413.83	1199	57233.3	99		0	57233.30
1124844	28/08/2016	180526	17	N	1112.5	396615.09	6908424.25	1200	57204.35	99		0	57204.35
1124844	28/08/2016	180458	17	N	1125	396620.91	6908432.74	1201	57231.46	99		0	57231.46
1124844	28/08/2016	180426	17	N	1137.5	396628.46	6908444.21	1203	57261.47	99		0	57261.47
1124844	28/08/2016	180358	17	N	1150	396635.33	6908454.98	1203	57210.61	99		0	57210.61
1124844	28/08/2016	180318	17	N	1162.5	396642.98	6908466.83	1204	57235.61	99		0	57235.61
1124844	28/08/2016	180246	17	N	1175	396650.99	6908475.93	1205	57249.2	99		0	57249.20
1124844	28/08/2016	180218	17	N	1187.5	396657.43	6908485.67	1206	57447.56	99		0	57447.56
1124844	28/08/2016	180134	17	N	1200	396664.93	6908494.78	1206	57469.7	99		0	57469.70
1124844	28/08/2016	180058	17	N	1212.5	396672.69	6908506.29	1206	57551.61	99		0	57551.61
1124844	28/08/2016	180022	17	N	1225	396676.85	6908518.49	1208	57472.53	99		0	57472.53
1124844	28/08/2016	175930	17	N	1237.5	396683.58	6908528.91	1208	57375.16	99		0	57375.16
1124844	28/08/2016	175838	17	N	1250	396690.59	6908539.84	1210	57358.33	99		0	57358.33
1124844	21/08/2016	233202	17	N	1262.5	396697.89	6908548.74	1207	57419.1	99		0	57419.10
1124844	28/08/2016	175758	17	N	1262.5	396697.71	6908548.53	1210	57409.92	99	Overlapped	1	
1124844	21/08/2016	233050	17	N	1275	396704.33	6908559.37	1208	57267.47	99		0	57267.47
1124844	28/08/2016	175714	17	N	1275	396704.77	6908557.96	1209	57298.84	99	Overlapped	1	
1124844	21/08/2016	233002	17	N	1287.5	396712.95	6908569.62	1208	57254.62	99		0	57254.62
1124844	28/08/2016	175610	17	N	1287.5	396711.8	6908568.03	1209	57264.08	99	Overlapped	1	
1124844	28/08/2016	175626	17	N	1287.5	396711.67	6908568.12	1209	57269.33	99	Overlapped	1	
1124844	21/08/2016	232922	17	N	1300	396718.92	6908578.92	1208	57245.74	99		0	57245.74
1124844	21/08/2016	232838	17	N	1312.5	396725.81	6908590.05	1208	57120.6	99		0	57120.60
1124844	21/08/2016	232802	17	N	1325	396732.78	6908599.38	1208	57335.23	99		0	57335.23
1124844	21/08/2016	232710	17	N	1337.5	396741.22	6908611.08	1208	57347.32	99		0	57347.32
1124844	21/08/2016	232630	17	N	1350	396745.11	6908620.46	1209	57247.77	99		0	57247.77
1124844	21/08/2016	232542	17	N	1362.5	396755.37	6908631.67	1208	57261.77	99		0	57261.77
1124844	21/08/2016	232418	17	N	1375	396762.68	6908641.82	1208	57157.18	99		0	57157.18
1124844	21/08/2016	232330	17	N	1387.5	396770.48	6908650.91	1207	57314.47	99		0	57314.47
1124844	21/08/2016	232246	17	N	1400	396777.64	6908661.16	1206	57212.88	99		0	57212.88

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	21/08/2016	224950	17	N	1750	396979.13	6908940.3	1192	57214.38	99		0	57214.38
1124844	21/08/2016	224902	17	N	1762.5	396985.36	6908950.67	1191	57227.24	99		0	57227.24
1124844	21/08/2016	224818	17	N	1775	396993.56	6908961.31	1190	57220.08	99		0	57220.08
1124844	21/08/2016	224714	17	N	1787.5	397001.22	6908971.96	1188	57225.72	99		0	57225.72
1124844	21/08/2016	224626	17	N	1800	397007.67	6908983.4	1186	57227	99		0	57227.00
1124844	21/08/2016	224538	17	N	1812.5	397016.12	6908990.44	1186	57216.49	99		0	57216.49
1124844	21/08/2016	224422	17	N	1825	397021.6	6909000.82	1185	57121.88	99		0	57121.88
1124844	21/08/2016	224146	17	N	1837.5	397028.39	6909010.72	1183	57274.53	99		0	57274.53
8042728	28/08/2016	192002	19	N	0	396128.68	6907405.3	1068	57102	99		0	57102.00
8042728	28/08/2016	192018	19	N	0	396128.63	6907405.66	1069	57096.17	99		1	
8042728	28/08/2016	192038	19	N	0	396128.4	6907405.97	1069	57102.29	79		1	
8042728	28/08/2016	191918	19	N	12.5	396139.21	6907414.83	1073	57042	99		0	57042.00
8042728	28/08/2016	191846	19	N	25	396146.16	6907423.42	1072	57127.57	99		0	57127.57
8042728	28/08/2016	191754	19	N	37.5	396153.74	6907433.81	1076	57098.45	49		1	
8042728	28/08/2016	191814	19	N	37.5	396152.7	6907433.93	1076	57091.6	99		0	57091.60
8042728	28/08/2016	191722	19	N	50	396159.39	6907443.17	1074	57050.35	99		0	57050.35
8042728	28/08/2016	191622	19	N	62.5	396164.49	6907457.04	1079	57145.2	39		2	
8042728	28/08/2016	191638	19	N	62.5	396164.57	6907455.13	1074	57085.35	97		0	57085.35
8042728	28/08/2016	191554	19	N	75	396170.15	6907466.53	1075	57133.34	99		0	57133.34
8042728	28/08/2016	191522	19	N	87.5	396178.19	6907473.5	1081	57118.08	59		0	57118.08
8042728	28/08/2016	191454	19	N	100	396186.16	6907483.87	1083	57044.97	79		0	57044.97
8042728	28/08/2016	191426	19	N	112.5	396194.49	6907491.4	1089	57058.52	99		0	57058.52
8042728	28/08/2016	191346	19	N	125	396202.52	6907500.29	1092	57069.93	89		0	57069.93
8042728	28/08/2016	191310	19	N	137.5	396209.12	6907510.75	1089	57115.61	99		0	57115.61
8042728	28/08/2016	191222	19	N	150	396214.95	6907521.3	1096	57127.98	99		0	57127.98
8042728	28/08/2016	191102	19	N	162.5	396221.92	6907532.19	1097	57091.18	99		0	57091.18
8042728	28/08/2016	191030	19	N	175	396228.27	6907540.42	1097	57104.3	99		0	57104.30
8042728	28/08/2016	190926	19	N	187.5	396233.63	6907554.12	1103	57084.68	79		2	
8042728	28/08/2016	190954	19	N	187.5	396234.61	6907552.5	1102	57120.94	99		0	57120.94
8042728	28/08/2016	190830	19	N	200	396242.94	6907562.04	1105	57116.76	69		0	57116.76
8042728	28/08/2016	190854	19	N	200	396243.28	6907561.51	1104	57141.92	99		2	
8042728	28/08/2016	190750	19	N	212.5	396252.35	6907568.91	1107	57108.03	99		0	57108.03
8042728	28/08/2016	190650	19	N	225	396260.51	6907576.53	1110	57134.07	99		0	57134.07
8042728	28/08/2016	190610	19	N	237.5	396268.28	6907582.88	1108	57113.21	89		0	57113.21
8042728	28/08/2016	190530	19	N	250	396277.79	6907600.14	1120	57144.78	99	Location close to next station, GPS issue?	0	57144.78
8042728	28/08/2016	190454	19	N	262.5	396281.45	6907607.12	1118	57172.8	99		0	57172.80
8042728	28/08/2016	190310	19	N	275	396287.14	6907615.51	1117	57219.15	69		2	
8042728	28/08/2016	190330	19	N	275	396286.34	6907612.2	1113	57232.13	89		2	
8042728	28/08/2016	190414	19	N	275	396287.32	6907613.55	1119	57218.31	99	best data fit	0	57218.31
8042728	28/08/2016	190222	19	N	287.5	396295.15	6907628.75	1123	57170.6	99		0	57170.60
8042728	28/08/2016	190138	19	N	300	396301.7	6907640.39	1128	57165.56	99		0	57165.56
8042728	28/08/2016	190058	19	N	312.5	396308.35	6907646.67	1125	57196.06	89		0	57196.06
8042728	28/08/2016	185958	19	N	325	396316.76	6907655.44	1127	57196.98	99		0	57196.98
8042728	28/08/2016	185906	19	N	337.5	396321.58	6907663.53	1130	57236.3	99		0	57236.30
8042728	28/08/2016	185834	19	N	350	396327.86	6907677.96	1136	57178.15	99		0	57178.15
8042728	28/08/2016	185546	19	N	362.5	396343.73	6907687.78	1143	57192.57	99	Taken to avoid cluster of trees	0	57192.57
8042728	28/08/2016	185758	19	N	362.5	396335.08	6907692.45	1142	57234.01	99		0	57234.01
8042728	28/08/2016	185622	19	N	375	396341.31	6907701.35	1143	57186.14	99		0	57186.14
8042728	28/08/2016	185658	19	N	375	396341.92	6907696.36	1139	57170.16	99		2	
8042728	28/08/2016	185506	19	N	387.5	396353.37	6907699.74	1143	57183.25	99		0	57183.25
8042728	28/08/2016	185430	19	N	400	396359.54	6907714	1148	57219.5	99		0	57219.50
8042728	28/08/2016	185358	19	N	412.5	396361.04	6907729.05	1149	57242.17	99		0	57242.17
8042728	28/08/2016	185326	19	N	425	396364.56	6907737.29	1157	57162.08	89		0	57162.08
8042728	28/08/2016	185238	19	N	437.5	396371.64	6907746.09	1156	57185.67	99	Above Historic Adit & Tailings	0	57185.67
8042728	28/08/2016	185118	19	N	450	396377.38	6907753.39	1158	57180.24	99	Above Historic Adit & Tailings	0	57180.24
8042728	28/08/2016	185042	19	N	462.5	396383.32	6907764.48	1162	57257.18	99	Above Historic Adit & Tailings	0	57257.18
8042728	28/08/2016	184926	19	N	475	396389.73	6907774.14	1169	57322.46	99	Above Historic Adit & Tailings	0	57322.46
8042728	28/08/2016	184730	19	N	487.5	396394.84	6907783.26	1178	57355.3	49	Above Historic Adit & Tailings	0	57355.30
8042728	28/08/2016	184754	19	N	487.5	396395.49	6907783.5	1177	57271.88	99	Above Historic Adit & Tailings	2	
8042728	28/08/2016	184502	19	N	500	396404.07	6907790.36	1180	57261.17	99	Above Historic Adit & Tailings	0	57261.17
8042728	28/08/2016	184418	19	N	512.5	396411.25	6907802.9	1181	57280.34	69	bad data point	9	
8042728	28/08/2016	184434	19	N	512.5	396411.3	6907803.02	1181	57219	99		0	57219.00
8042728	28/08/2016	184138	19	N	525	396418.18	6907810.13	1186	57194.46	99		0	57194.46
8042728	28/08/2016	184054	19	N	537.5	396427.66	6907819.8	1192	57234.94	89		0	57234.94
8042728	28/08/2016	184002	19	N	550	396434.04	6907828.09	1198	57227.67	99		0	57227.67
8042728	28/08/2016	183922	19	N	562.5	396439.69	6907837.66	1199	57245.96	99		0	57245.96
8042728	28/08/2016	183850	19	N	575	396446.13	6907848.31	1203	57204.95	79	Above Historic Trench	0	57204.95
8042728	28/08/2016	183758	19	N	587.5	396452.85	6907856.95	1209	57152.26	99	Above Historic Trench	0	57152.26
8042728	28/08/2016	183702	19	N	600	396458.22	6907866.22	1210	57151.24	99	Above Historic Trench	0	57151.24
8042728	28/08/2016	183542	19	N	612.5	396466.07	6907877.63	1211	57198.51	89	Above Historic Trench	0	57198.51
8042728	28/08/2016	183502	19	N	625	396473.7	6907889.03	1215	57139.55	99	Above Historic Trench	0	57139.55
8042728	28/08/2016	183430	19	N	637.5	396480.33	6907897.62	1216	57151.38	99		0	57151.38
8042728	28/08/2016	183350	19	N	650	396487.74	6907906.19	1217	57154.45	99		0	57154.45
8042728	28/08/2016	183254	19	N	662.5	396495.87	6907916.05	1220	57165.54	99		0	57165.54
8042728	28/08/2016	183222	19	N	675	396501.96	6907925.26	1220	57159.96	89		0	57159.96
8042728	28/08/2016	183142	19	N	687.5	396510.27	6907937.48	1221	57183.17	69		0	57183.17
8042728	28/08/2016	183110	19	N	700	396516.62	6907946.81	1221	57156.59	99		0	57156.59
8042728	28/08/2016	183030	19	N	712.5	396523.89	6907958.18	1225	57149.25	99		0	57149.25
8042728	28/08/2016	182950	19	N	725	396531.62	6907967.78	1227	57190.37	99		0	57190.37
8042728	28/08/2016	182858	19	N	737.5	396539.25	6907976.83	1230	57239.18	99		0	57239.18
8042728	28/08/2016	182822	19	N	750	396546.02	6907986.38	1231	57254.42	99		0	57254.42
8042728	28/08/2016	182742	19	N	762.5	396552.79	6907997.24	1230	57262.56	99		0	57262.56
8042728	28/08/2016	182534	19	N	775	396561.02	6908008.13	1230	57157.55	99		0	57157.55
8042728	28/08/2016	182422	19	N	787.5	396565.16	6908014.73	1229	57211.44	99		0	57211.44
8042728													

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	28/08/2016	180150	19	N	1125	396759.35	6908284.72	1215	57266.57	99		0	57266.57
8042728	28/08/2016	180046	19	N	1137.5	396768.24	6908294.55	1215	57346.17	99		0	57346.17
8042728	28/08/2016	175922	19	N	1150	396777.71	6908304.62	1215	57325.4	99		0	57325.40
8042728	28/08/2016	175822	19	N	1162.5	396783.72	6908312.31	1216	57231.28	99		0	57231.28
8042728	28/08/2016	175726	19	N	1175	396790.6	6908322.84	1216	57233.89	99		0	57233.89
8042728	28/08/2016	175638	19	N	1187.5	396796.77	6908333.22	1215	57247.88	99		0	57247.88
8042728	28/08/2016	175602	19	N	1200	396805.12	6908344.92	1216	57192.14	99		0	57192.14
8042728	28/08/2016	175522	19	N	1212.5	396813.01	6908354.9	1216	57204.66	99		0	57204.66
8042728	28/08/2016	175434	19	N	1225	396818.9	6908364.13	1217	57115.1	99		0	57115.10
8042728	28/08/2016	175342	19	N	1237.5	396825.91	6908373.7	1216	57131.11	99		0	57131.11
8042728	28/08/2016	175302	19	N	1250	396832.7	6908379.81	1218	57101.68	99		0	57101.68
8042728	28/08/2016	175218	19	N	1262.5	396841.02	6908392.32	1216	57119.37	99		0	57119.37
8042728	21/08/2016	232946	19	N	1275.00	396847.58	6908402.39	1215.00	56983.41	99		0	56983.41
8042728	21/08/2016	233142	19	N	1275.00	396847.54	6908402.48	1215.00	56992.07	99		1	
8042728	28/08/2016	175058	19	N	1275	396847.88	6908402.63	1215	57119.34	99		0	57119.34
8042728	21/08/2016	232902	19	N	1287.50	396853.55	6908412.42	1215.00	56985.38	99		0	56985.38
8042728	28/08/2016	174918	19	N	1287.5	396855.24	6908414.93	1217	57103.53	99		0	57103.53
8042728	28/08/2016	174958	19	N	1287.5	396855.39	6908413.33	1214	57105.02	99		1	
8042728	21/08/2016	232738	19	N	1300.00	396863.32	6908421.88	1215.00	57003.7	99		0	57003.70
8042728	21/08/2016	232806	19	N	1300.00	396863.39	6908421.89	1215.00	56969.88	89		2	
8042728	21/08/2016	232822	19	N	1300.00	396863.43	6908421.78	1215.00	56990.05	99		2	
8042728	28/08/2016	174759	19	N	1300	396865.39	6908422.81	1217	57159.78	99		0	57159.78
8042728	28/08/2016	174818	19	N	1300	396865.36	6908422.84	1218	57158.24	99		1	
8042728	21/08/2016	232622	19	N	1312.50	396871.06	6908430.03	1216.00	57003.06	99		0	57003.06
8042728	21/08/2016	232646	19	N	1312.50	396870.93	6908429.89	1215.00	56991.17	79		2	
8042728	21/08/2016	232522	19	N	1325.00	396877.94	6908439.30	1216.00	56976.42	99		0	56976.42
8042728	21/08/2016	232422	19	N	1337.50	396886.13	6908449.72	1216.00	56996.35	99		0	56996.35
8042728	21/08/2016	232318	19	N	1350.00	396890.05	6908457.58	1217.00	57102.14	69		0	57102.14
8042728	21/08/2016	232210	19	N	1362.50	396896.81	6908467.69	1217.00	57046.23	99		0	57046.23
8042728	21/08/2016	232046	19	N	1375.00	396906.13	6908480.21	1217.00	57228.79	99		0	57228.79
8042728	21/08/2016	231954	19	N	1387.50	396912.55	6908490.09	1218.00	57197.76	99		0	57197.76
8042728	21/08/2016	231858	19	N	1400.00	396919.64	6908501.76	1218.00	57027.74	59		0	57027.74
8042728	21/08/2016	231750	19	N	1412.50	396925.46	6908510.19	1219.00	57089.77	99		0	57089.77
8042728	21/08/2016	231654	19	N	1425.00	396933.66	6908522.10	1219.00	57058.61	99		0	57058.61
8042728	21/08/2016	231614	19	N	1437.50	396940.54	6908532.87	1219.00	57052.06	99		0	57052.06
8042728	21/08/2016	231358	19	N	1450.00	396946.47	6908542.65	1219.00	57072.85	99		0	57072.85
8042728	21/08/2016	231234	19	N	1462.50	396951.95	6908551.07	1220.00	57110.1	99		0	57110.10
8042728	21/08/2016	231306	19	N	1462.50	396951.83	6908551.19	1220.00	57111.54	99		1	
8042728	21/08/2016	231150	19	N	1475.00	396958.83	6908563.13	1220.00	57124.55	99		0	57124.55
8042728	21/08/2016	231058	19	N	1487.50	396966.12	6908574.40	1221.00	57199.59	99		0	57199.59
8042728	21/08/2016	231018	19	N	1500.00	396969.91	6908582.35	1222.00	57074.12	49		0	57074.12
8042728	21/08/2016	230938	19	N	1512.50	396977.00	6908591.13	1222.00	57070.21	99		0	57070.21
8042728	21/08/2016	230846	19	N	1525.00	396985.01	6908601.55	1223.00	57092.15	99		0	57092.15
8042728	21/08/2016	230730	19	N	1537.50	396993.01	6908613.44	1224.00	57108.8	99		0	57108.80
8042728	21/08/2016	230750	19	N	1537.50	396993.13	6908613.50	1224.00	57107.15	99		1	
8042728	21/08/2016	230646	19	N	1550.00	396999.82	6908623.66	1224.00	57136.65	99		0	57136.65
8042728	21/08/2016	230610	19	N	1562.50	397005.41	6908631.30	1224.00	57171.23	99		0	57171.23
8042728	21/08/2016	230458	19	N	1575.00	397015.96	6908646.53	1225.00	57020.5	67		0	57020.50
8042728	21/08/2016	230406	19	N	1587.50	397020.39	6908657.98	1225.00	57097.09	99		0	57097.09
8042728	21/08/2016	230306	19	N	1600.00	397026.61	6908667.14	1225.00	56965.1	79		0	56965.10
8042728	21/08/2016	230154	19	N	1612.50	397033.10	6908676.00	1226.00	57045.26	99		0	57045.26
8042728	21/08/2016	230102	19	N	1625.00	397041.11	6908686.79	1226.00	57060.55	99		0	57060.55
8042728	21/08/2016	230010	19	N	1637.50	397049.19	6908696.51	1226.00	57082.46	99		0	57082.46
8042728	21/08/2016	225910	19	N	1650.00	397056.85	6908705.73	1226.00	57051.69	99		0	57051.69
8042728	21/08/2016	225742	19	N	1662.50	397064.03	6908714.71	1226.00	57076.41	99		0	57076.41
8042728	21/08/2016	225654	19	N	1675.00	397070.84	6908725.20	1227.00	57041.71	99		0	57041.71
8042728	21/08/2016	225606	19	N	1687.50	397074.74	6908733.68	1227.00	56968.32	59		0	56968.32
8042728	21/08/2016	225518	19	N	1700.00	397084.02	6908747.29	1228.00	57066.93	99		0	57066.93
8042728	21/08/2016	225434	19	N	1712.50	397090.63	6908757.64	1229.00	57083.86	99		0	57083.86
8042728	21/08/2016	225150	19	N	1725.00	397098.88	6908768.30	1230.00	57107.05	99		0	57107.05
8042728	21/08/2016	225030	19	N	1737.50	397107.02	6908779.44	1232.00	57079.35	99		0	57079.35
8042728	21/08/2016	224906	19	N	1750.00	397114.19	6908788.06	1232.00	57105.05	99		0	57105.05
8042728	21/08/2016	224814	19	N	1762.50	397122.07	6908797.48	1232.00	57104.66	99		0	57104.66
8042728	21/08/2016	224702	19	N	1775.00	397131.03	6908807.47	1233.00	57115.59	99		0	57115.59
8042728	21/08/2016	224554	19	N	1787.50	397140.09	6908818.08	1232.00	57115.73	99		0	57115.73
8042728	21/08/2016	224430	19	N	1800.00	397150.12	6908832.50	1227.00	57139.34	99		0	57139.34
8042728	21/08/2016	224146	19	N	1812.50	397155.96	6908840.56	1223.00	57161.15	99		0	57161.15
8042728	21/08/2016	224046	19	N	1825.00	397164.35	6908850.15	1219.00	57118.23	99		0	57118.23
8042728	21/08/2016	223958	19	N	1837.50	397170.95	6908859.26	1218.00	57156.74	99		0	57156.74
8042728	21/08/2016	223910	19	N	1850.00	397178.27	6908869.66	1216.00	57126.59	99		0	57126.59
8042728	21/08/2016	223706	19	N	1862.50	397185.28	6908879.33	1213.00	57123.09	99		0	57123.09
8042728	21/08/2016	223510	19	N	1875.00	397192.62	6908889.65	1208.00	57105.68	99		0	57105.68
8042728	21/08/2016	223526	19	N	1875.00	397192.74	6908889.61	1208.00	57112.54	99		1	
8042728	21/08/2016	184630	21	N	0	396335.46	6907296.59	1077	57108.22	99		2	
8042728	21/08/2016	184814	21	N	0	396335.34	6907296.29	1077	57127.74	79		2	
8042728	21/08/2016	184834	21	N	0	396335.24	6907296.37	1077	57122.53	99		1	
8042728	21/08/2016	184854	21	N	0	396338.71	6907297.59	1074	57291.86	7	Bad Point	9	
8042728	21/08/2016	185558	21	N	0	396338.01	6907299.13	1075	57090.38	99		1	
8042728	21/08/2016	185642	21	N	0	396337.73	6907299.57	1077	57092.39	99	True Station 0	0	57092.39
8042728	21/08/2016	185742	21	N	12.5	396342.32	6907307.06	1077	57041.62	99		0	57041.62
8042728	21/08/2016	185858	21	N	25	396350.4	6907317.94	1078	57044.05	99		0	57044.05
8042728	21/08/2016	185954	21	N	37.5	396357.06	6907325.74	1079	57162.03	69		0	57162.03
8042728	21/08/2016	190106	21	N	50	396363.72	690						

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	21/08/2016	193742	21	N	362.5	396544.35	6907584.82	1131	57050.72	99	Possible bad GPS, located at same spot as Station 362.5	0	57050.72
8042728	21/08/2016	193826	21	N	375	396548.06	6907604.41	1143	57109.35	89		0	57109.35
8042728	21/08/2016	193938	21	N	387.5	396552.84	6907615.68	1154	57093.67	99		0	57093.67
8042728	21/08/2016	194054	21	N	400	396559.96	6907626.85	1152	57039.01	99		0	57039.01
8042728	21/08/2016	194210	21	N	412.50	396564.41	6907630.98	1153.00	57033.33	99		0	57033.33
8042728	21/08/2016	194906	21	N	425.00	396576.25	6907640.31	1159.00	57037.99	99		0	57037.99
8042728	21/08/2016	195014	21	N	437.50	396578.81	6907645.12	1152.00	57065.71	99		0	57065.71
8042728	21/08/2016	195106	21	N	450.00	396587.16	6907657.63	1156.00	57009.58	99		0	57009.58
8042728	21/08/2016	195146	21	N	462.50	396594.42	6907668.00	1162.00	56987.49	99		0	56987.49
8042728	21/08/2016	195250	21	N	475.00	396600.66	6907681.37	1174.00	56968.95	99		0	56968.95
8042728	21/08/2016	195330	21	N	487.50	396606.89	6907690.52	1177.00	57047.83	99		0	57047.83
8042728	21/08/2016	195442	21	N	500.00	396613.42	6907697.17	1173.00	56969.55	99		0	56969.55
8042728	21/08/2016	195602	21	N	512.50	396620.98	6907709.02	1179.00	56984.57	89		0	56984.57
8042728	21/08/2016	195802	21	N	525.00	396626.11	6907718.49	1181.00	57022.58	99		0	57022.58
8042728	21/08/2016	195910	21	N	537.50	396635.45	6907731.05	1197.00	57050.39	99		0	57050.39
8042728	21/08/2016	200022	21	N	550.00	396640.26	6907737.07	1192.00	57061.08	89		0	57061.08
8042728	21/08/2016	200134	21	N	562.50	396645.31	6907743.67	1195.00	56999.55	99		0	56999.55
8042728	21/08/2016	200226	21	N	575.00	396656.18	6907753.02	1203.00	57000.51	99		0	57000.51
8042728	21/08/2016	200314	21	N	587.50	396663.26	6907764.49	1204.00	57004.47	99		0	57004.47
8042728	21/08/2016	200402	21	N	600.00	396667.62	6907774.48	1210.00	57053.3	99		0	57053.30
8042728	21/08/2016	200454	21	N	612.50	396673.10	6907782.22	1214.00	57058.21	99		0	57058.21
8042728	21/08/2016	200634	21	N	625.00	396682.33	6907791.66	1220.00	57064.01	99		0	57064.01
8042728	21/08/2016	200722	21	N	637.50	396688.07	6907799.49	1223.00	57040.72	99		0	57040.72
8042728	21/08/2016	200758	21	N	650.00	396695.26	6907809.45	1227.00	57061.93	99		0	57061.93
8042728	21/08/2016	200834	21	N	662.50	396701.93	6907819.09	1231.00	57091.14	99		0	57091.14
8042728	21/08/2016	200910	21	N	675.00	396709.14	6907827.83	1236.00	57114.46	99		0	57114.46
8042728	21/08/2016	200950	21	N	687.50	396717.78	6907835.35	1239.00	57079.7	99		0	57079.70
8042728	21/08/2016	201026	21	N	700.00	396724.33	6907848.58	1243.00	57082.64	99		0	57082.64
8042728	21/08/2016	201114	21	N	712.50	396730.78	6907860.88	1246.00	57121.85	99		0	57121.85
8042728	21/08/2016	201202	21	N	725.00	396740.06	6907873.69	1249.00	57151.19	99		0	57151.19
8042728	21/08/2016	201246	21	N	737.50	396746.14	6907883.52	1251.00	57128.04	99		0	57128.04
8042728	21/08/2016	201350	21	N	750.00	396758.46	6907895.76	1252.00	57111.33	99		0	57111.33
8042728	21/08/2016	201446	21	N	762.50	396766.22	6907906.11	1253.00	57091.69	69		0	57091.69
8042728	21/08/2016	201518	21	N	775.00	396772.15	6907914.36	1252.00	57145.14	99		0	57145.14
8042728	21/08/2016	201606	21	N	787.50	396781.46	6907925.34	1252.00	57123.09	49		0	57123.09
8042728	21/08/2016	201650	21	N	800.00	396788.09	6907938.58	1253.00	57129.45	99		0	57129.45
8042728	21/08/2016	201746	21	N	812.50	396790.95	6907947.44	1252.00	57188.32	99		0	57188.32
8042728	21/08/2016	201930	21	N	825.00	396799.49	6907962.21	1249.00	57340.69	59		0	57340.69
8042728	21/08/2016	201958	21	N	837.50	396804.07	6907968.37	1245.00	57389.5	99		0	57389.50
8042728	21/08/2016	202046	21	N	850.00	396810.04	6907978.45	1241.00	57289.29	89		0	57289.29
8042728	21/08/2016	202114	21	N	850.00	396810.02	6907978.54	1241.00	57288.64	89	Duplicate of Station 862.5	1	
8042728	21/08/2016	202150	21	N	862.50	396816.29	6907987.24	1239.00	57529.73	49		0	57529.73
8042728	21/08/2016	202234	21	N	875.00	396823.35	6907998.19	1237.00	57272.62	79		0	57272.62
8042728	21/08/2016	202322	21	N	887.50	396829.71	6908008.40	1236.00	57210.81	99		0	57210.81
8042728	21/08/2016	202354	21	N	900.00	396836.50	6908018.05	1233.00	57204.14	99		0	57204.14
8042728	21/08/2016	202430	21	N	912.50	396843.66	6908028.07	1231.00	57079.36	99		0	57079.36
8042728	21/08/2016	202506	21	N	925.00	396850.82	6908040.08	1231.00	57070.01	89		0	57070.01
8042728	21/08/2016	202538	21	N	937.50	396856.67	6908049.93	1230.00	57134.3	79		0	57134.30
8042728	21/08/2016	202614	21	N	950.00	396864.54	6908060.23	1229.00	57184.68	89		0	57184.68
8042728	21/08/2016	202710	21	N	962.50	396870.91	6908072.20	1227.00	57090.67	99		0	57090.67
8042728	21/08/2016	202750	21	N	975.00	396878.66	6908082.69	1226.00	57016.25	79		0	57016.25
8042728	21/08/2016	202910	21	N	987.50	396885.50	6908092.18	1224.00	57092.45	79		0	57092.45
8042728	21/08/2016	202954	21	N	1000.00	396896.81	6908106.64	1223.00	57027.28	69		0	57027.28
8042728	21/08/2016	203022	21	N	1012.50	396900.75	6908110.80	1222.00	57007.29	99		0	57007.29
8042728	21/08/2016	203114	21	N	1025.00	396909.13	6908122.43	1222.00	57040.49	99		0	57040.49
8042728	21/08/2016	203158	21	N	1037.50	396915.53	6908130.77	1221.00	57050.64	99		0	57050.64
8042728	21/08/2016	203242	21	N	1050.00	396922.85	6908140.68	1220.00	57057.19	99		0	57057.19
8042728	21/08/2016	203314	21	N	1062.50	396929.21	6908150.13	1219.00	57098.61	99		0	57098.61
8042728	21/08/2016	203410	21	N	1075.00	396936.07	6908161.12	1219.00	57074.31	99		0	57074.31
8042728	21/08/2016	203454	21	N	1087.50	396943.73	6908174.65	1220.00	57139.2	49		0	57139.20
8042728	21/08/2016	203558	21	N	1100.00	396952.07	6908183.40	1219.00	57121.48	99		0	57121.48
8042728	21/08/2016	203650	21	N	1112.50	396958.21	6908191.18	1219.00	57249.82	79		0	57249.82
8042728	21/08/2016	203734	21	N	1125.00	396965.50	6908202.24	1218.00	57182.84	99		0	57182.84
8042728	21/08/2016	203806	21	N	1137.50	396972.98	6908211.52	1220.00	57151.26	99		0	57151.26
8042728	21/08/2016	203906	21	N	1150.00	396983.13	6908225.54	1220.00	57149.31	69		0	57149.31
8042728	21/08/2016	203946	21	N	1162.50	396989.29	6908232.55	1219.00	57053.67	99		0	57053.67
8042728	21/08/2016	204018	21	N	1175.00	396995.07	6908240.87	1219.00	57068.78	99		0	57068.78
8042728	21/08/2016	204058	21	N	1187.50	397001.40	6908249.89	1219.00	57077.88	99		0	57077.88
8042728	21/08/2016	204158	21	N	1200.00	397009.98	6908261.17	1219.00	57137.97	69		0	57137.97
8042728	21/08/2016	204230	21	N	1212.50	397017.93	6908272.31	1219.00	57163	59		0	57163.00
8042728	21/08/2016	204306	21	N	1225.00	397025.29	6908280.92	1219.00	57194.26	89		0	57194.26
8042728	21/08/2016	204346	21	N	1237.50	397033.13	6908290.74	1219.00	57350.05	59		0	57350.05
8042728	21/08/2016	204426	21	N	1250.00	397038.03	6908300.64	1219.00	57086.63	59		0	57086.63
8042728	21/08/2016	20452											

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	21/08/2016	213126	21	N	1725.00	397292.20	6908684.79	1241.00	57046.28	99		0	57046.28
8042728	21/08/2016	213214	21	N	1737.50	397296.84	6908694.60	1239.00	57092.97	99		0	57092.97
8042728	21/08/2016	213302	21	N	1750.00	397304.21	6908703.62	1238.00	57097.55	79		0	57097.55
8042728	21/08/2016	213434	21	N	1762.50	397318.50	6908716.54	1236.00	57028.51	29	Possible Bad GPS, Large Gap between previous station	0	57028.51
8042728	21/08/2016	213510	21	N	1775.00	397322.98	6908723.95	1235.00	57116.06	99		0	57116.06
8042728	21/08/2016	213550	21	N	1787.50	397328.83	6908731.26	1235.00	57230.19	49		0	57230.19
8042728	21/08/2016	213650	21	N	1800.00	397334.91	6908742.15	1233.00	57144.77	99		0	57144.77
8042728	21/08/2016	213738	21	N	1812.50	397341.49	6908753.38	1231.00	57141.81	69		0	57141.81
8042728	21/08/2016	213830	21	N	1825.00	397346.62	6908762.94	1229.00	57144.33	79		0	57144.33
8042728	21/08/2016	214010	21	N	1837.50	397354.68	6908772.47	1227.00	57187.33	79		0	57187.33
8042728	21/08/2016	214122	21	N	1850.00	397361.98	6908783.48	1226.00	57100.79	89		0	57100.79
1124844	21/08/2016	174918	23	N	0	396453.22	6907125.07	1107	56962.45	99		0	56962.45
1124844	21/08/2016	175358	23	N	0	396453.29	6907125.04	1106	56968.96	99		1	
1124844	21/08/2016	175618	23	N	12.5	396461.37	6907135.13	1104	56930.53	99		0	56930.53
1124844	21/08/2016	175806	23	N	25	396468.44	6907145.69	1102	56913.21	99		0	56913.21
1124844	21/08/2016	180226	23	N	37.5	396474.1	6907154.32	1100	56929.28	99		0	56929.28
1124844	21/08/2016	180414	23	N	50	396479.84	6907166.5	1098	56932.41	99		0	56932.41
1124844	21/08/2016	180610	23	N	62.5	396486.04	6907177.47	1096	56963.53	99		0	56963.53
1124844	21/08/2016	180706	23	N	75	396491.05	6907187.77	1093	56958.87	99		0	56958.87
1124844	21/08/2016	180818	23	N	87.5	396499.09	6907197.82	1091	56958.58	99		0	56958.58
1124844	21/08/2016	180942	23	N	100	396506.21	6907207.37	1088	56941.32	99		0	56941.32
1124844	21/08/2016	181114	23	N	112.5	396511.08	6907216.67	1084	56952.4	99		0	56952.40
1124844	21/08/2016	181230	23	N	125	396520.33	6907227.67	1086	56969.03	99		0	56969.03
1124844	21/08/2016	181346	23	N	137.5	396526.89	6907238.61	1086	56954.09	99		0	56954.09
1124844	21/08/2016	181510	23	N	150	396533.2	6907247.98	1086	56988.52	99		0	56988.52
1124844	21/08/2016	181822	23	N	162.5	396541.54	6907257	1087	56971.95	99		0	56971.95
1124844	21/08/2016	181910	23	N	175	396549.6	6907267.95	1088	56965.28	99		0	56965.28
1124844	21/08/2016	181958	23	N	187.5	396556.49	6907277.75	1089	56967.57	99		0	56967.57
1124844	21/08/2016	182042	23	N	200	396562.16	6907287.98	1091	56978.39	99		0	56978.39
1124844	21/08/2016	182142	23	N	212.5	396567	6907299.29	1093	56985.57	99		0	56985.57
1124844	21/08/2016	182538	23	N	225	396574.52	6907309.01	1094	56992.68	99		0	56992.68
1124844	21/08/2016	182638	23	N	237.5	396580.78	6907318.27	1094	56988.4	99		0	56988.40
1124844	21/08/2016	182734	23	N	250	396586.38	6907326.71	1096	56996.33	99		0	56996.33
1124844	21/08/2016	182850	23	N	262.5	396593.09	6907336.71	1097	56988.35	99		0	56988.35
1124844	21/08/2016	182946	23	N	275	396599.04	6907347.81	1099	56996.55	99		0	56996.55
1124844	21/08/2016	183034	23	N	287.5	396604.14	6907351.89	1099	57004.27	99		0	57004.27
1124844	21/08/2016	183202	23	N	300	396612.79	6907363.24	1102	57012.03	99		0	57012.03
1124844	21/08/2016	183350	23	N	312.5	396619.45	6907376.3	1104	57007.09	99		0	57007.09
1124844	21/08/2016	183534	23	N	325	396626.5	6907381.7	1105	57005.79	99	Near Camp	0	57005.79
1124844	21/08/2016	183754	23	N	337.5	396631.37	6907388.73	1106	57014.98	99	Near Camp	0	57014.98
1124844	21/08/2016	183842	23	N	350	396641.96	6907395.1	1109	56977.19	99	Near Camp	0	56977.19
1124844	21/08/2016	183942	23	N	362.5	396648.6	6907406.6	1110	56210.07	39	Near Camp	0	56210.07
1124844	21/08/2016	184030	23	N	375	396654.88	6907416.5	1112	56872.8	99	Near Camp	0	56872.80
1124844	21/08/2016	184142	23	N	387.5	396662.56	6907426.29	1116	56983.83	99	Near Camp	0	56983.83
1124844	21/08/2016	184234	23	N	400	396669.57	6907436.63	1116	56990.22	99	Near Camp	0	56990.22
1124844	21/08/2016	184418	23	N	412.5	396679.26	6907444.45	1118	56983.55	99		0	56983.55
1124844	21/08/2016	184510	23	N	425	396686.23	6907455.39	1122	56956.17	99		0	56956.17
1124844	21/08/2016	184602	23	N	437.5	396691.79	6907464.71	1124	56961.73	99		0	56961.73
1124844	21/08/2016	184758	23	N	450	396695.84	6907479.18	1124	56982.58	99		0	56982.58
1124844	21/08/2016	185314	23	N	462.5	396703.48	6907487.33	1128	56980.35	99		0	56980.35
1124844	21/08/2016	185406	23	N	475	396713.29	6907498.27	1130	56985.87	99		0	56985.87
1124844	21/08/2016	185530	23	N	487.5	396720.73	6907505.6	1132	57004.61	99		0	57004.61
1124844	21/08/2016	185614	23	N	500	396727.69	6907516.35	1135	57012.91	99		0	57012.91
1124844	21/08/2016	185658	23	N	512.5	396734.15	6907526.88	1136	57030.87	99		0	57030.87
1124844	21/08/2016	185758	23	N	525	396741.7	6907538.12	1140	57052.67	99		0	57052.67
1124844	21/08/2016	185846	23	N	537.5	396745.85	6907546.99	1141	57028.22	99		0	57028.22
1124844	21/08/2016	185938	23	N	550	396755.72	6907554.48	1142	57049.23	99		0	57049.23
1124844	21/08/2016	190022	23	N	562.5	396764.18	6907562.13	1144	56905.91	99		0	56905.91
1124844	21/08/2016	190138	23	N	575	396766.97	6907573.52	1146	57006.03	99		0	57006.03
1124844	21/08/2016	190246	23	N	587.5	396767.46	6907586.52	1148	56990.35	99		0	56990.35
1124844	21/08/2016	190326	23	N	600	396774.16	6907597.28	1151	57027.39	99		0	57027.39
1124844	21/08/2016	190438	23	N	612.5	396784	6907604.97	1155	56979.64	99		0	56979.64
1124844	21/08/2016	190550	23	N	625	396789.58	6907615.33	1160	56991.87	99		0	56991.87
1124844	21/08/2016	190658	23	N	637.5	396798.05	6907621.73	1157	56999.43	99		0	56999.43
1124844	21/08/2016	190754	23	N	650	396804.19	6907632.9	1162	57175.49	99		0	57175.49
1124844	21/08/2016	190918	23	N	662.5	396809.93	6907635.95	1164	57137.42	99	Possible bad GPS, Point is really close to Previous station	0	57137.42
1124844	21/08/2016	191146	23	N	675	396820.17	6907653.35	1167	57144.59	99		0	57144.59
1124844	21/08/2016	191254	23	N	687.5	396823.87	6907663.31	1171	57216.76	99		0	57216.76
1124844	21/08/2016	191354	23	N	700	396829.51	6907672.09	1173	57271.28	99		0	57271.28
1124844	21/08/2016	191454	23	N	712.5	396836.17	6907683.41	1177	57312.28	99		0	57312.28
1124844	21/08/2016	191546	23	N	725	396842.91	6907693.93	1182	57263.18	99		0	57263.18
1124844	21/08/2016	191638	23	N	737.5	396843.72	6907703.47	1186	57271.75	99		0	57271.75
1124844	21/08/2016	192134	23	N	750	396857.22	6907712.91	1191	57193.94	99		0	57193.94
1124844	21/08/2016	192410	23	N	762.5	396862.82	6907719.64	1191	57231.99	99		0	57231.99
1124844	21/08/2016	192514	23	N	775	396870.28	6907726.81	1192	57231.65	99		0	57231.65
1124844	21/08/2016	192558	23	N	787.5	396878.89	6907737.81	1196	57306.98	99		0	57306.98
1124844	21/08/2016	192714	23	N	800	396885.65	6907751.25	1200	57366.92	99		0	57366.92
1124844	21/08/2016	192818	23	N	812.5	396892.75	6907762.47	1205	57301.63	99		0	57301.63
1124844	21/08/2016	192938	23	N	825	396899.23	6907766.89	1205	57215.12	99		0	57215.12
1124844	21/08/2016	193038	23	N	837.5	396905.54	6907779.85	1208	57270.96	99		0	57270.96
1124844	21/08/2016	193138	23	N	850	396912.59	6907787.99	1208	57214.54	99		0	57214.54
1124844	21/08/2016	193234	23	N	862.5	396920.35	6907799.09	1209	57326.14	99		0	57326.14
1124844	21/08/2016	193318	23	N	875	396924.91	6907809.84	1209	57287.73	99		0	57287.73
1124844	21/08/2016	194654	23	N	875	396925.27</							

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	21/08/2016	203114	23	N	1225	397126.72	6908097.11	1202	57074.36	99		0	57074.36
1124844	21/08/2016	203234	23	N	1237.5	397134.39	6908105.84	1202	57227.94	99		0	57227.94
1124844	21/08/2016	203338	23	N	1250	397139.51	6908117.5	1201	57359.18	99		0	57359.18
1124844	21/08/2016	203738	23	N	1262.5	397146.34	6908128.59	1201	57281.41	99		0	57281.41
1124844	21/08/2016	203838	23	N	1275	397153.81	6908138.22	1200	57093.28	99		0	57093.28
1124844	21/08/2016	203922	23	N	1287.5	397162.17	6908146.63	1200	57111.8	99		0	57111.80
1124844	21/08/2016	204006	23	N	1300	397168.18	6908157.04	1200	57108.92	99		0	57108.92
1124844	21/08/2016	204054	23	N	1312.5	397175.11	6908168.44	1201	57158.38	99		0	57158.38
1124844	21/08/2016	204146	23	N	1325	397182.5	6908176.23	1202	57183.12	99		0	57183.12
1124844	21/08/2016	204310	23	N	1337.5	397189.43	6908188.72	1204	57152.53	99		0	57152.53
1124844	21/08/2016	204402	23	N	1350	397195.45	6908198.85	1205	57147.17	99		0	57147.17
1124844	21/08/2016	204454	23	N	1362.5	397201.45	6908208.24	1206	57044.76	99		0	57044.76
1124844	21/08/2016	204618	23	N	1375	397209.45	6908213.72	1207	57046.56	99		0	57046.56
1124844	21/08/2016	204938	23	N	1387.5	397217.62	6908225.3	1209	57060.38	99		0	57060.38
1124844	21/08/2016	205230	23	N	1400	397222.2	6908237.56	1210	57143.77	99		0	57143.77
1124844	21/08/2016	205402	23	N	1412.5	397231.93	6908249.1	1211	57222.62	99		0	57222.62
1124844	21/08/2016	205450	23	N	1425	397235.82	6908260.73	1213	57195.71	99		0	57195.71
1124844	21/08/2016	205630	23	N	1437.5	397246.31	6908265.92	1213	57138.9	99		0	57138.90
1124844	21/08/2016	205814	23	N	1450	397256.14	6908275.01	1212	57230.6	99		0	57230.60
1124844	21/08/2016	205858	23	N	1462.5	397259.06	6908284.31	1215	57145.13	99		0	57145.13
1124844	21/08/2016	205954	23	N	1475	397265.84	6908294.6	1216	57127.9	99		0	57127.90
1124844	21/08/2016	210034	23	N	1487.5	397274.11	6908303.05	1216	57244.17	99		0	57244.17
1124844	21/08/2016	210118	23	N	1500	397279.96	6908313.74	1217	57154.35	99		0	57154.35
1124844	21/08/2016	210222	23	N	1512.5	397287.41	6908325.2	1218	57108.86	99		0	57108.86
1124844	21/08/2016	210306	23	N	1525	397296.02	6908334.12	1218	57166.2	99		0	57166.20
1124844	21/08/2016	210350	23	N	1537.5	397302.76	6908344.92	1219	57078.48	99		0	57078.48
1124844	21/08/2016	210434	23	N	1550	397313.06	6908357.32	1220	57146.26	99		0	57146.26
1124844	21/08/2016	210534	23	N	1562.5	397319.53	6908364.2	1219	57136.73	99		0	57136.73
1124844	21/08/2016	210618	23	N	1575	397327.89	6908374.55	1219	57119.89	99		0	57119.89
1124844	21/08/2016	210654	23	N	1587.5	397332.28	6908383.52	1221	57106.72	99		0	57106.72
1124844	21/08/2016	210750	23	N	1600	397337.96	6908395.06	1223	57077.81	99		0	57077.81
1124844	21/08/2016	210834	23	N	1612.5	397342.97	6908406.19	1224	57103.78	99		0	57103.78
1124844	21/08/2016	210918	23	N	1625	397349.84	6908415.26	1225	57080.99	99		0	57080.99
1124844	21/08/2016	211002	23	N	1637.5	397357.29	6908423.86	1226	57078.48	99		0	57078.48
1124844	21/08/2016	211102	23	N	1650	397364.72	6908434.54	1226	57093.27	99		0	57093.27
1124844	21/08/2016	211202	23	N	1662.5	397374.65	6908443.75	1228	57100.48	99		0	57100.48
1124844	21/08/2016	211310	23	N	1675	397379.19	6908453.26	1229	57049.79	99		0	57049.79
1124844	21/08/2016	211354	23	N	1687.5	397383.95	6908465.23	1231	57025.23	99		0	57025.23
1124844	21/08/2016	211438	23	N	1700	397389.7	6908477.99	1233	57023.93	99		0	57023.93
1124844	21/08/2016	211538	23	N	1712.5	397396.35	6908488.75	1234	57020.24	99		0	57020.24
1124844	21/08/2016	211638	23	N	1725	397402.24	6908500.58	1236	57018.37	99		0	57018.37
1124844	21/08/2016	211718	23	N	1737.5	397414.19	6908505.29	1236	57044.6	99		0	57044.60
1124844	21/08/2016	211810	23	N	1750	397422.74	6908514.75	1237	57040.7	99		0	57040.70
1124844	21/08/2016	211846	23	N	1762.5	397430.25	6908525.84	1239	57049.24	99		0	57049.24
1124844	21/08/2016	212006	23	N	1775	397437.75	6908536.33	1237	57017.52	99		0	57017.52
1124844	21/08/2016	212130	23	N	1787.5	397443.94	6908546.76	1236	57016.72	99		0	57016.72
1124844	21/08/2016	212222	23	N	1800	397450.05	6908557.65	1235	57027.6	99		0	57027.60
1124844	21/08/2016	212302	23	N	1812.5	397457.81	6908566.98	1231	57040.54	99		0	57040.54
1124844	21/08/2016	212342	23	N	1825	397465.15	6908576.36	1229	57049.65	99		0	57049.65
1124844	21/08/2016	212434	23	N	1837.5	397472.71	6908586.59	1228	57035.24	99		0	57035.24
1124844	21/08/2016	212514	23	N	1850	397479.12	6908598.04	1225	57041.15	99		0	57041.15
1124844	21/08/2016	212558	23	N	1862.5	397485.26	6908608.56	1223	57058.72	99		0	57058.72
1124844	21/08/2016	212654	23	N	1875	397491.28	6908619.64	1221	57068.25	99		0	57068.25
1124844	21/08/2016	212734	23	N	1887.5	397497.69	6908628.89	1220	57051.19	99		0	57051.19
1124844	21/08/2016	212810	23	N	1900	397504.37	6908637.85	1218	57025.47	99		0	57025.47
1124844	21/08/2016	212910	23	N	1912.5	397514.33	6908648.08	1217	57030.5	99		0	57030.50
1124844	21/08/2016	212954	23	N	1925	397521.6	6908657.57	1215	57034.57	99		0	57034.57
1124844	21/08/2016	213058	23	N	1937.5	397527.41	6908667.97	1215	57057.52	99		0	57057.52
1124844	21/08/2016	214322	23	N	1937.5	397527.21	6908667.29	1215	57051.73	99		1	57051.73
1124844	24/08/2016	170754	25	N	0	396335.9	6906622.07	1060	56877.88	99		0	56877.88
1124844	24/08/2016	170822	25	N	0	396335.89	6906622.01	1060	56877.07	99		1	56877.07
1124844	24/08/2016	171454	25	N	12.5	396341.89	6906633	1064	56844.9	99		0	56844.90
1124844	24/08/2016	171606	25	N	25	396350	6906640.3	1071	56877.28	99		0	56877.28
1124844	24/08/2016	171718	25	N	37.5	396356.23	6906649.28	1081	56924.38	99		0	56924.38
1124844	24/08/2016	171802	25	N	50	396364.24	6906658.53	1083	56929.06	99		0	56929.06
1124844	24/08/2016	171938	25	N	62.5	396373.05	6906667.39	1085	56810.27	99		0	56810.27
1124844	24/08/2016	172018	25	N	75	396377.65	6906675.99	1088	56827.3	59		0	56827.30
1124844	24/08/2016	172038	25	N	75	396378.2	6906677.24	1089	56832.19	99		1	56832.19
1124844	24/08/2016	172126	25	N	87.5	396383.41	6906686.1	1092	56953.3	99		0	56953.30
1124844	24/08/2016	172218	25	N	100	396391.39	6906695.23	1094	56923.96	99		0	56923.96
1124844	24/08/2016	172254	25	N	112.5	396398.25	6906705.97	1095	56954.83	99		0	56954.83
1124844	24/08/2016	172354	25	N	125	396403.79	6906718.23	1097	56931.81	99		0	56931.81
1124844	24/08/2016	172442	25	N	137.5	396411.92	6906725.9	1100	56881.88	99		0	56881.88
1124844	24/08/2016	172518	25	N	150	396419.85	6906735.35	1102	56859.06	99		0	56859.06
1124844	24/08/2016	172606	25	N	162.5	396428.38	6906745.04	1103	56901.76	99		0	56901.76
1124844	24/08/2016	172706	25	N	175	396434.41	6906755.09	1105	56914.49	99		0	56914.49
1124844	24/08/2016	172806	25	N	187.5	396440.73	6906764.86	1106	56882.16	99		0	56882.16
1124844	24/08/2016	173122	25	N	200	396448.33	6906773.99	1109	56887.57	69		0	56887.57
1124844	24/08/2016	173138	25	N	200	396448.37	6906774.09	1109	56885.21	79		1	56885.21
1124844	24/08/2016	173226	25	N	212.5	396458.79	6906783.03	1110	56967.7	79		0	56967.70
1124844	24/08/2016	173314	25	N	225	396463.53	6906792.2	1111	56970.09	99		0	56970.09
1124844	24/08/2016	173402	25	N	237.5	396469.64	6906802.41	1113	56915.83	99		0	56915.83
1124844	24/08/2016	173438	25	N	250	396472.49	6906815.44	1115	56892.85	99		0	56892.85
1124844	24/08/2016	173534	25	N	262.5	396478.79	6906826.11	1114	56879.69	99			

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	24/08/2016	175218	25	N	525	396630.92	6907035.85	1111	56998.47	89		2	
1124844	24/08/2016	175322	25	N	537.5	396638.18	6907044.62	1110	57042.79	59		0	57042.79
1124844	24/08/2016	175338	25	N	537.5	396638.34	6907044.59	1109	57037.93	49		1	
1124844	24/08/2016	175358	25	N	537.5	396637.97	6907044.7	1109	57017.36	99		2	
1124844	24/08/2016	175434	25	N	550	396646.71	6907057.13	1107	56960.46	99		0	56960.46
1124844	24/08/2016	175502	25	N	562.5	396654.13	6907066.57	1106	56986.11	79		0	56986.11
1124844	24/08/2016	175534	25	N	575	396659.56	6907076.49	1105	56987.9	99		0	56987.90
1124844	24/08/2016	175618	25	N	587.5	396667.53	6907085.27	1103	57030.46	59		0	57030.46
1124844	24/08/2016	175638	25	N	587.5	396667.55	6907085.44	1102	57027.25	49		1	
1124844	24/08/2016	175654	25	N	587.5	396667.63	6907085.56	1102	57028.33	49		1	
1124844	24/08/2016	175734	25	N	600	396674.85	6907095.65	1100	56978.56	59		0	56978.56
1124844	24/08/2016	175750	25	N	600	396674.94	6907095.42	1101	57014.5	89		2	
1124844	24/08/2016	175822	25	N	612.5	396680.89	6907105.93	1099	57009.6	99		0	57009.60
1124844	24/08/2016	175910	25	N	625	396687.2	6907116.25	1099	57016.22	99		0	57016.22
1124844	24/08/2016	175958	25	N	637.5	396696.33	6907125.98	1098	57026.3	59		0	57026.30
1124844	24/08/2016	180034	25	N	637.5	396696.27	6907126.23	1098	57051.59	19		2	
1124844	24/08/2016	180110	25	N	650	396703.62	6907135.43	1097	57058.87	79		0	57058.87
1124844	24/08/2016	180142	25	N	662.5	396712.03	6907146.19	1097	57033.17	99		0	57033.17
1124844	24/08/2016	180214	25	N	675	396719.38	6907155.8	1097	56995.09	99		0	56995.09
1124844	24/08/2016	180254	25	N	687.5	396725.82	6907165.21	1096	57067.83	69		0	57067.83
1124844	24/08/2016	180326	25	N	700	396731.05	6907176.43	1097	57043.34	99		0	57043.34
1124844	24/08/2016	180402	25	N	712.5	396738.59	6907188.15	1097	56972.53	99		0	56972.53
1124844	24/08/2016	180442	25	N	725	396741.5	6907199.9	1097	57027.4	99		0	57027.40
1124844	24/08/2016	180626	25	N	737.5	396750.51	6907208.77	1097	56995	79		0	56995.00
1124844	24/08/2016	180702	25	N	750	396758.54	6907218.31	1098	57033.77	59		0	57033.77
1124844	24/08/2016	180718	25	N	750	396758.56	6907218.61	1099	57054.22	69		2	
1124844	24/08/2016	180750	25	N	762.5	396766.15	6907227.09	1100	56997.35	99		0	56997.35
1124844	24/08/2016	180826	25	N	775	396771.47	6907238.66	1102	56963.49	79		0	56963.49
1124844	24/08/2016	180906	25	N	787.5	396780.28	6907248.59	1103	56955.58	99		0	56955.58
1124844	24/08/2016	180946	25	N	800	396785.1	6907256.66	1104	56996.39	99		0	56996.39
1124844	24/08/2016	181022	25	N	812.5	396791.97	6907268.95	1105	56957.9	99		0	56957.90
1124844	24/08/2016	181126	25	N	825	396799.59	6907279.66	1107	56996.92	99		0	56996.92
1124844	24/08/2016	181158	25	N	837.5	396806.1	6907289.13	1108	56984.44	99		0	56984.44
1124844	24/08/2016	181230	25	N	850	396811.87	6907300.14	1110	56950.81	99		0	56950.81
1124844	24/08/2016	181306	25	N	862.5	396820.32	6907309.38	1110	56981.54	99		0	56981.54
1124844	24/08/2016	181350	25	N	875	396829	6907319.21	1110	56958.05	99		0	56958.05
1124844	24/08/2016	181426	25	N	887.5	396834.58	6907329.69	1112	56927.3	99		0	56927.30
1124844	24/08/2016	181534	25	N	900	396842.4	6907340	1112	56967.86	79		0	56967.86
1124844	24/08/2016	181614	25	N	912.5	396847.81	6907347.27	1114	56983.4	99		0	56983.40
1124844	24/08/2016	181654	25	N	925	396857.2	6907357.27	1114	56931.2	99		0	56931.20
1124844	24/08/2016	181734	25	N	937.5	396868.17	6907365.95	1115	56988.06	69		0	56988.06
1124844	24/08/2016	181802	25	N	937.5	396867.49	6907366.53	1115	56952.07	89		2	
1124844	24/08/2016	181858	25	N	950	396873.3	6907376.49	1117	56973.29	99		0	56973.29
1124844	24/08/2016	182006	25	N	962.5	396879.48	6907385.89	1117	56933.17	99		0	56933.17
1124844	24/08/2016	182042	25	N	975	396885.7	6907394.12	1119	56950.17	99		0	56950.17
1124844	24/08/2016	182122	25	N	987.5	396892.93	6907404.09	1122	57003.76	99		0	57003.76
1124844	24/08/2016	182238	25	N	1000	396899.48	6907415.15	1123	56964.16	99		0	56964.16
1124844	24/08/2016	182334	25	N	1012.5	396906.51	6907424.29	1126	56947.75	99		0	56947.75
1124844	24/08/2016	182414	25	N	1025	396910.78	6907435.84	1127	56968.17	99		0	56968.17
1124844	24/08/2016	182454	25	N	1037.5	396914.32	6907447.81	1130	56989.22	99		0	56989.22
1124844	24/08/2016	182526	25	N	1050	396919.11	6907458.38	1131	56986.22	99		0	56986.22
1124844	24/08/2016	182602	25	N	1062.5	396924.51	6907471.55	1132	57015.23	99		0	57015.23
1124844	24/08/2016	182638	25	N	1075	396932.14	6907480.94	1134	57009.65	69		0	57009.65
1124844	24/08/2016	182658	25	N	1075	396932.57	6907481.24	1133	57029.86	99		2	
1124844	24/08/2016	182738	25	N	1087.5	396940.05	6907489.44	1136	57014.5	99		0	57014.50
1124844	24/08/2016	182826	25	N	1100	396947.46	6907500.29	1138	57067.65	99		0	57067.65
1124844	24/08/2016	183038	25	N	1112.5	396953.85	6907509.95	1140	57033.19	99		0	57033.19
1124844	24/08/2016	183122	25	N	1125	396962.16	6907519.17	1140	57083.25	99		0	57083.25
1124844	24/08/2016	183210	25	N	1137.5	396969.57	6907526.91	1141	57171.38	59		0	57171.38
1124844	24/08/2016	183242	25	N	1137.5	396970.22	6907527.24	1142	57099	99		2	
1124844	24/08/2016	183318	25	N	1150	396977.53	6907538.03	1143	57077.09	99		0	57077.09
1124844	24/08/2016	183406	25	N	1162.5	396984.69	6907552.22	1146	57138.23	59		0	57138.23
1124844	24/08/2016	183426	25	N	1162.5	396984.98	6907552.32	1145	57131.52	99		1	
1124844	24/08/2016	183530	25	N	1175	396997.25	6907566.74	1147	57116.2	99		0	57116.20
1124844	24/08/2016	183602	25	N	1187.5	397005.78	6907574.51	1149	57100.82	99		0	57100.82
1124844	24/08/2016	183642	25	N	1200	397014.13	6907583.7	1150	57109.59	79		0	57109.59
1124844	24/08/2016	183702	25	N	1200	397013.27	6907583.94	1149	57100.12	99		1	
1124844	24/08/2016	183742	25	N	1212.5	397020.41	6907592.78	1151	57111.78	69		0	57111.78
1124844	24/08/2016	183758	25	N	1212.5	397020.73	6907592.06	1150	57110.42	99		1	
1124844	24/08/2016	183946	25	N	1225	397029.12	6907604.37	1153	57078.59	99		0	57078.59
1124844	24/08/2016	184026	25	N	1237.5	397033.9	6907613.41	1155	57108.77	99		0	57108.77
1124844	24/08/2016	184110	25	N	1250	397040.6	6907622.22	1156	57171.8	99		0	57171.80
1124844	24/08/2016	184154	25	N	1262.5	397046.08	6907634.04	1158	57190.84	99		0	57190.84
1124844	24/08/2016	184234	25	N	1275	397052.91	6907643.81	1158	57106.81	99		0	57106.81
1124844	24/08/2016	184314	25	N	1287.5	397058.69	6907654.06	1160	57173.54	99		0	57173.54
1124844	24/08/2016	184702	25	N	1300	397067.31	6907665.42	1162	57230.71	69		0	57230.71
1124844	24/08/2016	184722	25	N	1300	397067.1	6907665.24	1162	57228.1	99		1	
1124844	24/08/2016	184754	25	N	1312.5	397071.24	6907671.34	1162	57178.3	99		0	57178.30
1124844	24/08/2016	184842	25	N	1325	397079.17	6907679.93	1163	57175.97	99		0	57175.97
1124844	24/08/2016	184938	25	N	1337.5	397087.1	6907689.87	1165	57006.33	99		0	57006.33
1124844	24/08/2016	184958	25	N	1337.5	397086.88	6907688.96	1165	57000.05	99		1	
1124844	24/08/2016	185038	25	N	1350	397094.78	6907698.33	1166	57092.47	99		0	57092.47
1124844	24/08/2016	185130	25	N	1362.5	397103.91	6907705.31	1167	57199.15	29		0	57199.15
1124844	24/08/2016	185150	25	N	1362.5	397104.49	6907706.5	1167	57111.36	69		2	
1124844	24/08/2016	185206	25	N	1362.5	397103.53	6907706.72	1167	57102.37	99		1	

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	24/08/2016	191418	25	N	1650	397264.92	6907933.48	1178	57080.02	99		0	57080.02
1124844	24/08/2016	191450	25	N	1662.5	397270.64	6907943.61	1178	57102.34	99		0	57102.34
1124844	24/08/2016	191550	25	N	1675	397277.25	6907953.88	1177	57119.07	99		0	57119.07
1124844	24/08/2016	191622	25	N	1687.5	397282.97	6907965.52	1177	57157.17	39		0	57157.17
1124844	24/08/2016	191642	25	N	1687.5	397282.9	6907965.52	1178	57121.56	99		2	
1124844	24/08/2016	191714	25	N	1700	397289.69	6907974.76	1179	57001.74	99		0	57001.74
1124844	24/08/2016	191758	25	N	1712.5	397299.91	6907983.59	1177	56988.17	99		0	56988.17
1124844	24/08/2016	191834	25	N	1725	397307.02	6907992.28	1177	56963.02	99		0	56963.02
1124844	24/08/2016	191950	25	N	1737.5	397312.13	6908006.09	1177	56986.94	99		0	56986.94
1124844	24/08/2016	192026	25	N	1750	397317.47	6908014.64	1178	57009.75	89		0	57009.75
1124844	24/08/2016	192106	25	N	1762.5	397326.94	6908025.43	1179	57104.53	39		0	57104.53
1124844	24/08/2016	192122	25	N	1762.5	397326.8	6908025.12	1178	57076.94	49		2	
1124844	24/08/2016	192138	25	N	1762.5	397326.86	6908025.02	1178	57005.61	99		2	
1124844	24/08/2016	192222	25	N	1775	397334.17	6908034.45	1179	57171.58	99		0	57171.58
1124844	24/08/2016	192310	25	N	1787.5	397338.79	6908044.2	1178	57290.13	69		0	57290.13
1124844	24/08/2016	192330	25	N	1787.5	397338.78	6908044.44	1179	57284.31	79		1	
1124844	24/08/2016	192406	25	N	1800	397345.28	6908053.25	1180	57484.83	99		0	57484.83
1124844	24/08/2016	192426	25	N	1800	397344.86	6908053.28	1181	57475.84	99		1	
1124844	24/08/2016	192454	25	N	1812.5	397350.82	6908062.44	1181	57264.57	99		0	57264.57
1124844	24/08/2016	192510	25	N	1812.5	397351.26	6908061.99	1180	57260.65	99		1	
1124844	24/08/2016	192546	25	N	1825	397361.54	6908073.96	1181	57240.72	69		0	57240.72
1124844	24/08/2016	192602	25	N	1825	397360.98	6908075.35	1186	57225.1	69		2	
1124844	24/08/2016	192650	25	N	1837.5	397370.1	6908083.48	1183	57389.39	89		0	57389.39
1124844	24/08/2016	192706	25	N	1837.5	397369.64	6908083.67	1182	57373.34	99		2	
1124844	24/08/2016	192738	25	N	1850	397372.53	6908095.1	1185	57323.23	59		0	57323.23
1124844	24/08/2016	192806	25	N	1850	397372.3	6908094.56	1184	57308.77	99		2	
1124844	24/08/2016	192846	25	N	1862.5	397383.28	6908103.3	1185	57241.71	79		0	57241.71
1124844	24/08/2016	192922	25	N	1875	397392.62	6908109.24	1184	57154.2	69		0	57154.20
1124844	24/08/2016	192942	25	N	1875	397392.42	6908109.72	1185	57132.94	99		2	
1124844	24/08/2016	193126	25	N	1887.5	397397.43	6908118.58	1183	57250.47	99		0	57250.47
1124844	24/08/2016	193206	25	N	1900	397405.26	6908127.91	1183	57186.91	99		0	57186.91
1124844	24/08/2016	193246	25	N	1912.5	397413.38	6908139.53	1184	57179.81	99		0	57179.81
1124844	24/08/2016	193322	25	N	1925	397420.81	6908148.88	1186	57175.33	99		0	57175.33
1124844	24/08/2016	193410	25	N	1937.5	397425.77	6908160.27	1186	57167.46	49		0	57167.46
1124844	24/08/2016	193438	25	N	1937.5	397425.52	6908159.86	1189	57133.92	99		2	
1124844	24/08/2016	193514	25	N	1950	397429.56	6908171.77	1190	57040.26	99		0	57040.26
1124844	24/08/2016	193558	25	N	1962.5	397432.56	6908184.52	1191	57271.26	59		0	57271.26
1124844	24/08/2016	193626	25	N	1975	397432.86	6908185.11	1191	57270.25	59		0	57270.25
1124844	24/08/2016	193642	25	N	1975	397433.02	6908184.95	1191	57238.1	89		2	
1124844	24/08/2016	193718	25	N	1987.5	397437.22	6908194.05	1192	57266.11	99		0	57266.11
1124844	24/08/2016	193754	25	N	2000	397444.07	6908206.9	1192	57330.87	79		0	57330.87
1124844	24/08/2016	193834	25	N	2012.5	397449.93	6908217.36	1195	57275.67	99		0	57275.67
1124844	24/08/2016	193906	25	N	2025	397459.49	6908224.23	1194	57173.67	99		0	57173.67
1124844	24/08/2016	193942	25	N	2037.5	397466.66	6908233.86	1195	57218.29	79		0	57218.29
1124844	24/08/2016	194018	25	N	2050	397472.31	6908244.53	1195	57161.31	99		0	57161.31
1124844	24/08/2016	194106	25	N	2062.5	397484.23	6908254.83	1196	57055.94	99		0	57055.94
1124844	24/08/2016	194158	25	N	2075	397489.44	6908263.86	1195	56986.79	99		0	56986.79
1124844	24/08/2016	194234	25	N	2087.5	397500.73	6908271.99	1195	57036.23	99		0	57036.23
1124844	24/08/2016	194458	25	N	2100	397504.88	6908281.06	1198	57069.44	99		0	57069.44
1124844	24/08/2016	194654	25	N	2112.5	397510.57	6908289.44	1196	57059.3	99		0	57059.30
1124844	24/08/2016	194726	25	N	2125	397513.9	6908301.93	1197	57092.79	99		0	57092.79
1124844	24/08/2016	194754	25	N	2137.5	397522.93	6908311.86	1197	57097.65	99		0	57097.65
1124844	24/08/2016	194826	25	N	2150	397529.24	6908320.84	1198	57115.56	99		0	57115.56
1124844	24/08/2016	194854	25	N	2162.5	397539.23	6908330.19	1197	57117.44	59		0	57117.44
1124844	24/08/2016	194910	25	N	2162.5	397539.4	6908330.41	1197	57066.05	99		2	
1124844	24/08/2016	194946	25	N	2175	397546.64	6908340.62	1197	57088.44	99		0	57088.44
1124844	24/08/2016	195014	25	N	2187.5	397553.69	6908350.2	1196	57112.38	99		0	57112.38
1124844	24/08/2016	195050	25	N	2200	397562.55	6908359.73	1196	57140.02	49		0	57140.02
1124844	24/08/2016	195106	25	N	2200	397562.86	6908360.14	1196	57126.82	69		2	
1124844	24/08/2016	195134	25	N	2212.5	397570.24	6908369.5	1195	57080.75	99		0	57080.75
1124844	24/08/2016	195218	25	N	2225	397577.7	6908378.85	1192	57071.14	99		0	57071.14
1124844	24/08/2016	195246	25	N	2237.5	397584.44	6908389.79	1193	57039.66	99		0	57039.66
1124844	24/08/2016	195314	25	N	2250	397588.86	6908399.94	1192	57048.02	99		0	57048.02
1124844	24/08/2016	195354	25	N	2262.5	397591.16	6908412.74	1192	57165.61	29		0	57165.61
1124844	24/08/2016	195418	25	N	2262.5	397590.3	6908413.29	1191	57061.39	99		2	
1124844	24/08/2016	195454	25	N	2275	397597.25	6908423.89	1191	56985.12	99		0	56985.12
1124844	24/08/2016	195538	25	N	2287.5	397604.23	6908434.42	1190	56986.01	99		0	56986.01
1124844	24/08/2016	195610	25	N	2300	397610.33	6908443.99	1189	57066.22	79		0	57066.22
1124844	24/08/2016	195642	25	N	2312.5	397619.68	6908452.99	1187	57041.4	99		0	57041.40
1124844	24/08/2016	195734	25	N	2325	397629.18	6908461.27	1185	57054.77	69		0	57054.77
1124844	24/08/2016	195754	25	N	2325	397629.25	6908461.3	1186	57035.12	99		2	
1124844	24/08/2016	195838	25	N	2337.5	397638.82	6908470.98	1185	57033.48	99		0	57033.48
1124844	24/08/2016	195910	25	N	2350	397645.02	6908477.29	1182	57039.03	99		0	57039.03
1124844	24/08/2016	195946	25	N	2362.5	397653.95	6908486.18	1182	57051.12	99		0	57051.12
1124844	24/08/2016	200022	25	N	2375	397663.18	6908496.08	1178	56994.92	99		0	56994.92
1124844	24/08/2016	200106	25	N	2387.5	397670.67	6908507.81	1177	56996.91	99		0	56996.91
1124844	24/08/2016	200138	25	N	2400	397675.16	6908515.84	1176	56982.91	99		0	56982.91
1124844	24/08/2016	200214	25	N	2412.5	397681.04	6908526.69	1176	57015.47	99		0	57015.47
1124844	24/08/2016	200246	25	N	2425	397688.05	6908537.47	1176	56986.35	99		0	56986.35
1124844	24/08/2016	200322	25	N	2437.5	397694.19	6908548.39	1174	57030.71	79		0	57030.71
1124844	24/08/2016	200354	25	N	2450	397701.6	6908557.71	1172	57028.93	99		0	57028.93
1124844	24/08/2016	200426	25	N	2462.5	397706.27	6908564.5	1171	57020.01	99		0	57020.01
1124844	24/08/2016	200442	25	N	2462.5	397706.26	6908564.49	1172	57007.85	99		2	
8042731	24/08/2019	170502	27	N	0.00	396551.47	6906588.18	1096.00	56859.2	99		0	56859.20
8042732	24/08/2020	170522	27	N	0.00	396551.55							

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042759	24/08/2047	172942	27	N	325.00	396731.52	6906835.84	1130.00	56945.03	89		0	56945.03
8042760	24/08/2048	173046	27	N	337.50	396737.30	6906847.77	1128.00	56943.8	99		0	56943.80
8042761	24/08/2049	173130	27	N	350.00	396743.47	6906858.39	1128.00	56897.09	99		0	56897.09
8042762	24/08/2050	173222	27	N	362.50	396749.58	6906868.42	1128.00	57043.99	99		0	57043.99
8042763	24/08/2051	173302	27	N	375.00	396756.69	6906878.93	1128.00	56926.46	99		0	56926.46
8042764	24/08/2052	173354	27	N	387.50	396763.98	6906891.47	1128.00	56951.64	89		0	56951.64
8042765	24/08/2053	173434	27	N	400.00	396769.71	6906901.35	1127.00	56916.86	99		0	56916.86
8042766	24/08/2054	173518	27	N	412.50	396780.07	6906910.83	1127.00	57075.88	59		0	57075.88
8042767	24/08/2055	173602	27	N	425.00	396786.76	6906918.90	1124.00	56976.77	99		0	56976.77
8042768	24/08/2056	173658	27	N	437.50	396793.65	6906929.35	1125.00	56899.27	99		0	56899.27
8042769	24/08/2057	173910	27	N	450.00	396801.41	6906937.87	1126.00	56846.61	79		0	56846.61
8042770	24/08/2058	173958	27	N	462.50	396809.77	6906949.06	1124.00	57003.4	69		0	57003.40
8042771	24/08/2059	174038	27	N	475.00	396817.35	6906959.83	1122.00	56825.83	89		0	56825.83
8042772	24/08/2060	174118	27	N	487.50	396824.91	6906969.70	1121.00	56923.14	59		0	56923.14
8042773	24/08/2061	174154	27	N	500.00	396830.96	6906981.02	1120.00	56949.3	69		0	56949.30
8042774	24/08/2062	174230	27	N	512.50	396836.05	6906991.00	1118.00	56898.99	99		0	56898.99
8042775	24/08/2063	174314	27	N	525.00	396845.72	6907004.14	1116.00	56980.53	69		0	56980.53
8042776	24/08/2064	174346	27	N	537.50	396850.57	6907012.68	1115.00	56891.95	99		0	56891.95
8042777	24/08/2065	174430	27	N	550.00	396858.52	6907023.19	1113.00	56975.04	69		0	56975.04
8042778	24/08/2066	174446	27	N	550.00	396858.37	6907023.48	1113.00	56951.4	79		2	
8042779	24/08/2067	174522	27	N	562.50	396866.54	6907034.27	1113.00	56899.23	79		0	56899.23
8042780	24/08/2068	174602	27	N	575.00	396874.36	6907044.33	1111.00	56894.14	79		0	56894.14
8042781	24/08/2069	174642	27	N	587.50	396883.00	6907055.84	1109.00	56842.72	99		0	56842.72
8042782	24/08/2070	174718	27	N	600.00	396888.67	6907063.31	1108.00	57052.91	69		0	57052.91
8042783	24/08/2071	174750	27	N	612.50	396895.56	6907071.07	1108.00	56910.65	99		0	56910.65
8042784	24/08/2072	174834	27	N	625.00	396902.61	6907081.43	1107.00	56900.78	99		0	56900.78
8042785	24/08/2073	174914	27	N	637.50	396910.38	6907091.82	1105.00	56992.13	59		0	56992.13
8042786	24/08/2074	175002	27	N	650.00	396918.97	6907103.92	1104.00	56894.77	59		0	56894.77
8042787	24/08/2075	175050	27	N	662.50	396924.60	6907112.75	1103.00	56936.87	79		0	56936.87
8042788	24/08/2076	175222	27	N	675.00	396930.48	6907121.59	1104.00	56828.44	99		0	56828.44
8042789	24/08/2077	175310	27	N	687.50	396938.08	6907131.62	1104.00	56925.66	69		0	56925.66
8042790	24/08/2078	175402	27	N	700.00	396945.70	6907142.18	1104.00	57023.31	49		0	57023.31
8042791	24/08/2079	175458	27	N	712.50	396952.36	6907152.84	1103.00	56863.41	89		0	56863.41
8042792	24/08/2080	175606	27	N	725.00	396962.37	6907162.66	1104.00	56785.09	99		0	56785.09
8042793	24/08/2081	175642	27	N	737.50	396968.50	6907171.46	1104.00	56860.29	69		0	56860.29
8042794	24/08/2082	175738	27	N	750.00	396973.78	6907183.18	1104.00	56787.33	99		0	56787.33
8042795	24/08/2083	175854	27	N	762.50	396979.39	6907193.49	1104.00	56845.33	89		0	56845.33
8042796	24/08/2084	180138	27	N	775.00	396986.42	6907202.40	1105.00	56983.33	99		0	56983.33
8042797	24/08/2085	180222	27	N	787.50	396992.87	6907214.07	1105.00	56816.93	99		0	56816.93
8042798	24/08/2086	180310	27	N	800.00	397000.41	6907226.11	1105.00	56808.12	99		0	56808.12
8042799	24/08/2087	180358	27	N	812.50	397009.95	6907236.05	1106.00	56858.1	99		0	56858.10
8042800	24/08/2088	180438	27	N	825.00	397016.45	6907246.37	1107.00	56908.31	99		0	56908.31
8042801	24/08/2089	180510	27	N	837.50	397022.20	6907254.17	1108.00	56859.54	99		0	56859.54
8042802	24/08/2090	180546	27	N	850.00	397028.32	6907262.98	1109.00	56870.75	99		0	56870.75
8042803	24/08/2091	180626	27	N	862.50	397036.60	6907273.54	1110.00	56942.34	99		0	56942.34
8042804	24/08/2092	180710	27	N	875.00	397045.16	6907285.93	1111.00	56884.12	69		0	56884.12
8042805	24/08/2093	180750	27	N	887.50	397052.24	6907297.58	1111.00	56903.31	99		0	56903.31
8042806	24/08/2094	180830	27	N	900.00	397057.07	6907304.90	1113.00	56885.51	99		0	56885.51
8042807	24/08/2095	180914	27	N	912.50	397063.35	6907314.93	1114.00	56877.69	79		0	56877.69
8042808	24/08/2096	181110	27	N	925.00	397071.80	6907328.85	1117.00	56817.06	99		0	56817.06
8042809	24/08/2097	181150	27	N	937.50	397077.07	6907336.07	1117.00	56841.27	99		0	56841.27
8042810	24/08/2098	181246	27	N	950.00	397084.99	6907346.82	1118.00	56897.79	99		0	56897.79
8042811	24/08/2099	181326	27	N	962.50	397091.61	6907356.14	1119.00	56831.11	99		0	56831.11
8042812	24/08/2100	181418	27	N	975.00	397098.49	6907366.52	1119.00	56898.07	99		0	56898.07
8042813	24/08/2101	181522	27	N	987.50	397106.30	6907378.65	1120.00	56892.74	99		0	56892.74
8042814	24/08/2102	181602	27	N	1000.00	397113.21	6907385.58	1122.00	56862.23	99		0	56862.23
8042815	24/08/2103	181722	27	N	1012.50	397121.54	6907394.75	1123.00	56988.95	79		0	56988.95
8042816	24/08/2104	181802	27	N	1025.00	397128.49	6907403.99	1124.00	56980.2	89		0	56980.20
8042817	24/08/2105	182014	27	N	1037.50	397138.35	6907413.82	1125.00	56994.23	99		0	56994.23
8042818	24/08/2106	182050	27	N	1050.00	397147.34	6907426.56	1126.00	56934.48	99		0	56934.48
8042819	24/08/2107	182130	27	N	1062.50	397156.47	6907440.00	1127.00	56990.2	99		0	56990.20
8042820	24/08/2108	182158	27	N	1075.00	397161.20	6907445.47	1127.00	56934.49	99		0	56934.49
8042821	24/08/2109	182242	27	N	1087.50	397166.23	6907453.84	1128.00	56944.81	99		0	56944.81
8042822	24/08/2110	182326	27	N	1100.00	397170.03	6907464.82	1129.00	56909.53	99		0	56909.53
8042823	24/08/2111	182406	27	N	1112.50	397172.00	6907476.13	1131.00	56874.32	99		0	56874.32
8042824	24/08/2112	182506	27	N	1125.00	397177.78	6907487.54	1131.00	56929.06	99		0	56929.06
8042825	24/08/2113	182602	27	N	1137.50	397187.22	6907494.64	1132.00	56907.3	99		0	56907.30
8042826	24/08/2114	182702	27	N	1150.00	397195.19	6907503.40	1136.00	56983.55	99		0	56983.55
8042827	24/08/2115	182818	27	N	1162.50	397202.69	6907512.56	1135.00	56933.65	99		0	56933.65
8042828	24/08/2116	182906	27	N	1175.00	397210.83	6907522.05	1137.00	56923.65	99		0	56923.65
8042829	24/08/2117	183006	27	N	1187.50	397220.29	6907530.63	1137.00	57010.91	99		0	57010.91
8042830	24/08/2118	183042	27	N	1200.00	397227.13	6907538.77	1142.00	56916.03	99		0	56916.03
8042831	24/08/2119	183118	27	N	1212.50	397233.83	6907546.35	1142.00	56902.2	99		0	56902.20
8042832	24/08/2120	183210	27	N	1225.00	397243.50	6907557.62	1141.00	56948.29	99		0	56948.29
8042833	24/08/2121	183314	27	N	1237.50	397252.98	6907569.21	1144.00	56926.24	79		0	56926.24
8042834	24/08/2122	183350	27	N	1250.00	397254.90	6907578.28	1144.00	56908.8	59		0	56908.80
8042835	24/08/2123	183442	27	N	1262.50	397263.29	6907593.14	1149.00	56868.18	79		0	56868.18
8042836	24/08/2124	183526	27	N	1275.00	397269.93	6907599.00	1149.00	56952.89	99		0	56952.89
8042837	24/08/2125	183618	27	N	1287.50	397274.77	6907609.19	1149.00	56994.57	69		0	56994.57
8042838	24/08/2126	183730	27	N	1300.00	397279.72	6907617.12	1149.00	56915.67	99		0	56915.67
8042839	24/08/2127	183810	27	N	1312.50	397286.36	6907628.70	1150.00	56866	59		0	56866.00
8042840													

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042870	24/08/2158	190922	27	N	1700.00	397509.18	6907939.57	1166.00	56952.23	99		0	56952.23
8042871	24/08/2159	191006	27	N	1712.50	397516.95	6907951.39	1166.00	57030.7	99		0	57030.70
8042872	24/08/2160	191042	27	N	1725.00	397522.83	6907960.55	1167.00	57095.15	99		0	57095.15
8042873	24/08/2161	191134	27	N	1737.50	397530.36	6907969.36	1168.00	57018.67	99		0	57018.67
8042874	24/08/2162	191206	27	N	1750.00	397538.13	6907979.30	1165.00	57021.96	99		0	57021.96
8042875	24/08/2163	191242	27	N	1762.50	397544.66	6907987.22	1168.00	56942.57	99		0	56942.57
8042876	24/08/2164	191330	27	N	1775.00	397553.32	6907998.07	1168.00	56969.58	99		0	56969.58
8042877	24/08/2165	191402	27	N	1787.50	397559.73	6908008.43	1169.00	57032.75	89		0	57032.75
8042878	24/08/2166	191442	27	N	1800.00	397566.14	6908017.95	1169.00	57082.84	99		0	57082.84
8042879	24/08/2167	191526	27	N	1812.50	397572.55	6908028.88	1171.00	57142.59	99		0	57142.59
8042880	24/08/2168	191614	27	N	1825.00	397579.85	6908038.73	1171.00	57122.99	99		0	57122.99
8042881	24/08/2169	191702	27	N	1837.50	397587.57	6908050.50	1171.00	57086.1	99		0	57086.10
8042882	24/08/2170	191738	27	N	1850.00	397595.66	6908059.94	1171.00	57040.21	99		0	57040.21
8042883	24/08/2171	191810	27	N	1862.50	397600.89	6908068.80	1171.00	57133.72	99		0	57133.72
8042884	24/08/2172	191902	27	N	1875.00	397611.47	6908084.71	1172.00	57024.07	99		0	57024.07
8042885	24/08/2173	191934	27	N	1887.50	397616.54	6908091.81	1168.00	57030.14	99		0	57030.14
8042886	24/08/2174	192018	27	N	1900.00	397623.13	6908101.93	1169.00	57025.84	99		0	57025.84
8042887	24/08/2175	192058	27	N	1912.50	397630.55	6908113.68	1168.00	56980.72	99		0	56980.72
8042888	24/08/2176	192138	27	N	1925.00	397636.12	6908127.58	1170.00	56854.58	79		0	56854.58
8042889	24/08/2177	192210	27	N	1937.50	397639.61	6908134.35	1168.00	56916.34	89		0	56916.34
8042890	24/08/2178	192254	27	N	1950.00	397648.22	6908142.71	1171.00	57002.06	69		0	57002.06
8042891	24/08/2179	192334	27	N	1962.50	397651.36	6908153.04	1168.00	56995.39	99		0	56995.39
8042892	24/08/2180	192414	27	N	1975.00	397662.35	6908165.12	1167.00	57087.6	79		0	57087.60
8042893	24/08/2181	192450	27	N	1987.50	397669.15	6908173.76	1163.00	57023.18	89		0	57023.18
8042894	24/08/2182	192530	27	N	2000.00	397676.00	6908183.83	1165.00	57178.7	99		0	57178.70
8042895	24/08/2183	192606	27	N	2012.50	397682.60	6908195.09	1162.00	57060.45	79		0	57060.45
8042896	24/08/2184	192638	27	N	2025.00	397688.57	6908205.32	1165.00	56992.14	99		0	56992.14
8042897	24/08/2185	192802	27	N	2037.50	397698.57	6908218.03	1163.00	56948.12	99		0	56948.12
8042898	24/08/2186	192846	27	N	2050.00	397707.09	6908224.93	1163.00	56903.11	99		0	56903.11
8042899	24/08/2187	192914	27	N	2062.50	397711.79	6908231.00	1159.00	57008.6	89		0	57008.60
8042900	24/08/2188	193002	27	N	2075.00	397716.63	6908239.50	1158.00	57071.67	79		0	57071.67
8042901	24/08/2189	193046	27	N	2087.50	397722.82	6908247.87	1156.00	57118.08	69		0	57118.08
8042902	24/08/2190	193130	27	N	2100.00	397731.41	6908262.05	1158.00	57151.78	79		0	57151.78
8042903	24/08/2191	193206	27	N	2112.50	397737.70	6908270.36	1158.00	57164.87	99		0	57164.87
8042904	24/08/2192	193254	27	N	2125.00	397744.18	6908281.12	1158.00	57149.38	99		0	57149.38
8042905	24/08/2193	193434	27	N	2137.50	397751.52	6908293.29	1156.00	57142.31	99		0	57142.31
8042906	24/08/2194	193510	27	N	2150.00	397759.03	6908304.82	1154.00	56911.64	99		0	56911.64
8042907	24/08/2195	193558	27	N	2162.50	397765.09	6908314.85	1157.00	56915.87	99		0	56915.87
8042908	24/08/2196	193658	27	N	2175.00	397774.06	6908327.18	1154.00	57041.22	79		0	57041.22
8042909	24/08/2197	193738	27	N	2187.50	397782.31	6908338.70	1154.00	56921.86	99		0	56921.86
8042910	24/08/2198	193810	27	N	2200.00	397789.56	6908346.21	1152.00	56780.84	59		0	56780.84
8042911	24/08/2199	193846	27	N	2212.50	397795.94	6908352.28	1149.00	56830.06	99		0	56830.06
8042912	24/08/2200	193926	27	N	2225.00	397804.13	6908363.63	1149.00	56744.2	99		0	56744.20
8042913	24/08/2201	194018	27	N	2237.50	397814.48	6908376.51	1147.00	56718.56	99		0	56718.56
8042914	24/08/2202	194050	27	N	2250.00	397819.13	6908384.27	1147.00	56753.92	99		0	56753.92
8042915	24/08/2203	194130	27	N	2262.50	397828.65	6908396.62	1144.00	56795.36	79		0	56795.36
8042916	24/08/2204	194218	27	N	2275.00	397834.28	6908407.36	1144.00	56749.85	99		0	56749.85
8042917	24/08/2205	194246	27	N	2287.50	397840.21	6908416.16	1142.00	56804.08	99		0	56804.08
8042918	24/08/2206	194318	27	N	2300.00	397845.93	6908422.61	1139.00	56781.44	99		0	56781.44
8042919	24/08/2207	194350	27	N	2312.50	397852.28	6908431.67	1139.00	56845.85	99		0	56845.85
8042920	24/08/2208	194422	27	N	2325.00	397861.43	6908442.01	1137.00	56864.6	99		0	56864.60
8042921	24/08/2209	194442	27	N	2325.00	397861.45	6908441.62	1137.00	56864.59	89		1	
1124844	24/08/2016	234238	29	N	0.00	396649.84	6906425.40	1095.00	56763.21	79		0	56763.21
1124844	24/08/2016	234310	29	N	0.00	396649.41	6906425.27	1095.00	56785.25	99		2	
1124844	24/08/2016	234330	29	N	0.00	396649.40	6906425.23	1095.00	56788.31	99		1	
1124844	24/08/2016	234202	29	N	12.50	396654.74	6906430.36	1092.00	56730.69	99		0	56730.69
1124844	24/08/2016	234102	29	N	25.00	396664.80	6906440.90	1091.00	56736.97	99		0	56736.97
1124844	24/08/2016	234014	29	N	37.50	396673.17	6906450.20	1093.00	56826.86	99		0	56826.86
1124844	24/08/2016	233858	29	N	50.00	396681.44	6906459.61	1098.00	56864.44	69		0	56864.44
1124844	24/08/2016	233914	29	N	50.00	396680.90	6906458.77	1098.00	56910.71	49		2	
1124844	24/08/2016	233938	29	N	50.00	396680.57	6906459.83	1097.00	56918.29	59		1	
1124844	24/08/2016	233822	29	N	62.50	396684.60	6906471.54	1102.00	56862.85	79		0	56862.85
1124844	24/08/2016	233750	29	N	75.00	396691.29	6906482.45	1105.00	56881.78	99		0	56881.78
1124844	24/08/2016	233702	29	N	87.50	396697.53	6906489.78	1108.00	56900.16	59		0	56900.16
1124844	24/08/2016	233722	29	N	87.50	396697.48	6906489.17	1106.00	56898.96	59		1	
1124844	24/08/2016	233626	29	N	100.00	396707.80	6906498.04	1114.00	56984.39	79		0	56984.39
1124844	24/08/2016	233426	29	N	112.50	396715.04	6906506.11	1115.00	56983.15	69		0	56983.15
1124844	24/08/2016	233450	29	N	112.50	396715.19	6906504.27	1114.00	57033.46	49		2	
1124844	24/08/2016	233354	29	N	125.00	396719.50	6906516.28	1117.00	56849.21	99		0	56849.21
1124844	24/08/2016	233306	29	N	137.50	396724.74	6906526.78	1118.00	56973.14	69		0	56973.14
1124844	24/08/2016	233322	29	N	137.50	396724.55	6906525.74	1119.00	56964.78	79		1	
1124844	24/08/2016	233234	29	N	150.00	396732.92	6906537.93	1120.00	56964.53	99		0	56964.53
1124844	24/08/2016	233150	29	N	162.50	396742.39	6906545.17	1123.00	56877.69	99		0	56877.69
1124844	24/08/2016	233118	29	N	175.00	396748.53	6906555.45	1125.00	56907.48	79		0	56907.48
1124844	24/08/2016	233046	29	N	187.50	396756.56	6906565.81	1127.00	56932.05	99		0	56932.05
1124844	24/08/2016	233014	29	N	200.00	396764.33	6906577.51	1129.00	57003	99		0	57003.00
1124844	24/08/2016	232946	29	N	212.50	396770.35	6906588.31	1130.00	56985.34	69		0	56985.34
1124844	24/08/2016	232850	29	N	225.00	396776.68	6906597.84	1131.00	57087.54	59		0	57087.54
1124844	24/08/2016	232910	29	N	225.00	396776.72	6906597.13	1131.00	57054.25	79		2	
1124844	24/08/2016	232754	29	N	237.50	396788.87	6906604.28	1132.00	56940.43	79		0	56940.43
1124844	24/08/2016	232722	29	N	250.00	396797.16	6906613.99	1134.00	56966.02	99		0	56966.02
1124844	24/08/2016	232650	29	N	262.50	396803.0							

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	24/08/2016	230606	29	N	625.00	397005.60	6906916.65	1128.00	56892.42	99		0	56892.42
1124844	24/08/2016	230530	29	N	637.50	397014.30	6906923.74	1126.00	56901.2	99		0	56901.20
1124844	24/08/2016	230446	29	N	650.00	397024.57	6906931.78	1124.00	56862.87	99		0	56862.87
1124844	24/08/2016	230414	29	N	662.50	397031.90	6906941.59	1122.00	56889.89	99		0	56889.89
1124844	24/08/2016	230326	29	N	675.00	397038.10	6906951.89	1120.00	56836.75	99		0	56836.75
1124844	24/08/2016	230250	29	N	687.50	397042.91	6906962.80	1118.00	56901.49	99		0	56901.49
1124844	24/08/2016	230218	29	N	700.00	397050.16	6906974.12	1116.00	56936.31	99		0	56936.31
1124844	24/08/2016	230146	29	N	712.50	397058.16	6906982.17	1114.00	56896.77	99		0	56896.77
1124844	24/08/2016	230050	29	N	725.00	397064.14	6906993.62	1114.00	56857.61	99		0	56857.61
1124844	24/08/2016	230014	29	N	737.50	397071.57	6907004.74	1113.00	56811.95	99		0	56811.95
1124844	24/08/2016	225934	29	N	750.00	397077.34	6907014.93	1112.00	56833.58	99		0	56833.58
1124844	24/08/2016	225906	29	N	762.50	397082.25	6907025.45	1110.00	56866.73	99		0	56866.73
1124844	24/08/2016	225834	29	N	775.00	397088.68	6907037.69	1109.00	56855.53	99		0	56855.53
1124844	24/08/2016	225754	29	N	787.50	397094.86	6907047.65	1109.00	56890.9	99		0	56890.90
1124844	24/08/2016	225722	29	N	800.00	397105.88	6907056.10	1108.00	56876.55	99		0	56876.55
1124844	24/08/2016	225630	29	N	812.50	397114.12	6907063.29	1108.00	56941.21	69		0	56941.21
1124844	24/08/2016	225654	29	N	812.50	397114.13	6907063.43	1108.00	56951.27	69		2	
1124844	24/08/2016	225558	29	N	825.00	397121.74	6907074.49	1108.00	56845.92	79		0	56845.92
1124844	24/08/2016	225318	29	N	837.50	397149.05	6907071.35	1110.00	56950.35	29		0	56950.35
1124844	24/08/2016	225434	29	N	837.50	397129.27	6907083.47	1109.00	56917.25	79		2	
1124844	24/08/2016	225042	29	N	850.00	397147.61	6907084.54	1109.00	56881.57	99		0	56881.57
1124844	24/08/2016	224902	29	N	862.50	397151.18	6907095.18	1108.00	56900.58	99		0	56900.58
1124844	24/08/2016	224758	29	N	875.00	397155.89	6907106.58	1109.00	56930.55	99		0	56930.55
1124844	24/08/2016	224706	29	N	887.50	397162.41	6907118.96	1110.00	56908.65	79		0	56908.65
1124844	24/08/2016	224634	29	N	900.00	397161.23	6907130.39	1109.00	56906.94	99		0	56906.94
1124844	24/08/2016	224602	29	N	912.50	397165.46	6907141.69	1109.00	56894.3	99		0	56894.30
1124844	24/08/2016	224502	29	N	925.00	397172.42	6907153.07	1111.00	56888.09	99		0	56888.09
1124844	24/08/2016	224410	29	N	937.50	397181.68	6907160.81	1111.00	56964.35	59		0	56964.35
1124844	24/08/2016	224430	29	N	937.50	397180.91	6907160.71	1110.00	57004.06	49		2	
1124844	24/08/2016	224318	29	N	950.00	397190.27	6907169.24	1110.00	56921.44	99		0	56921.44
1124844	24/08/2016	224234	29	N	962.50	397200.21	6907177.04	1111.00	56914.4	99		0	56914.40
1124844	24/08/2016	224138	29	N	975.00	397206.21	6907188.12	1112.00	56932.25	79		0	56932.25
1124844	24/08/2016	224110	29	N	987.50	397209.93	6907198.94	1112.00	56902.19	99		0	56902.19
1124844	24/08/2016	224030	29	N	1000.00	397218.55	6907210.21	1113.00	56887.1	99		0	56887.10
1124844	24/08/2016	223958	29	N	1012.50	397229.24	6907217.76	1113.00	56896.78	99		0	56896.78
1124844	24/08/2016	223918	29	N	1025.00	397235.66	6907228.72	1114.00	56948.17	69		0	56948.17
1124844	24/08/2016	223826	29	N	1037.50	397242.38	6907237.81	1116.00	56932.19	49		0	56932.19
1124844	24/08/2016	223846	29	N	1037.50	397242.06	6907237.61	1115.00	56908.81	99		2	
1124844	24/08/2016	223758	29	N	1050.00	397248.88	6907246.63	1115.00	56949.21	89		0	56949.21
1124844	24/08/2016	223658	29	N	1062.50	397254.13	6907258.41	1120.00	56976.62	69		0	56976.62
1124844	24/08/2016	223610	29	N	1075.00	397259.87	6907266.78	1116.00	56909.93	99		0	56909.93
1124844	24/08/2016	223534	29	N	1087.50	397269.98	6907275.25	1119.00	56955.22	99		0	56955.22
1124844	24/08/2016	223458	29	N	1100.00	397275.10	6907287.59	1121.00	56925.53	69		0	56925.53
1124844	24/08/2016	223410	29	N	1112.50	397282.17	6907297.34	1122.00	56967.56	99		0	56967.56
1124844	24/08/2016	223342	29	N	1125.00	397290.31	6907306.70	1123.00	56995.35	99		0	56995.35
1124844	24/08/2016	223314	29	N	1137.50	397297.44	6907316.23	1125.00	56943.8	99		0	56943.80
1124844	24/08/2016	223238	29	N	1150.00	397306.22	6907326.89	1123.00	57078.54	79		0	57078.54
1124844	24/08/2016	223210	29	N	1162.50	397312.62	6907336.21	1125.00	57055.34	99		0	57055.34
1124844	24/08/2016	223118	29	N	1175.00	397320.86	6907346.86	1130.00	57079.15	99		0	57079.15
1124844	24/08/2016	223002	29	N	1187.50	397325.22	6907354.41	1126.00	44657.84	9	Bad Data Point	9	
1124844	24/08/2016	222922	29	N	1200.00	397332.77	6907365.96	1131.00	57127.34	99		0	57127.34
1124844	24/08/2016	222838	29	N	1212.50	397339.77	6907376.24	1131.00	57245.88	99		0	57245.88
1124844	24/08/2016	222810	29	N	1225.00	397348.42	6907386.07	1134.00	57151.28	79		0	57151.28
1124844	24/08/2016	222742	29	N	1237.50	397355.76	6907396.73	1136.00	57232.39	79		0	57232.39
1124844	24/08/2016	222710	29	N	1250.00	397361.32	6907405.36	1139.00	57115.47	99		0	57115.47
1124844	24/08/2016	222642	29	N	1262.50	397369.31	6907415.25	1141.00	57122.37	99		0	57122.37
1124844	24/08/2016	222606	29	N	1275.00	397377.88	6907423.98	1145.00	57183.36	99		0	57183.36
1124844	24/08/2016	222502	29	N	1287.50	397385.22	6907432.94	1146.00	57202.1	49		0	57202.10
1124844	24/08/2016	222522	29	N	1287.50	397386.43	6907433.51	1153.00	57217.06	49		2	
1124844	24/08/2016	222538	29	N	1287.50	397386.54	6907433.33	1152.00	57222.05	79		1	
1124844	24/08/2016	222434	29	N	1300.00	397389.28	6907443.50	1149.00	57222.14	69		0	57222.14
1124844	24/08/2016	222358	29	N	1312.50	397397.08	6907452.94	1152.00	57226.71	99		0	57226.71
1124844	24/08/2016	222326	29	N	1325.00	397404.38	6907463.40	1156.00	57287.19	69		0	57287.19
1124844	24/08/2016	222214	29	N	1337.50	397410.76	6907473.96	1157.00	57299.15	49		0	57299.15
1124844	24/08/2016	222234	29	N	1337.50	397410.70	6907473.48	1157.00	57297.53	69		1	
1124844	24/08/2016	222250	29	N	1337.50	397410.94	6907473.35	1156.00	57262.09	99		2	
1124844	24/08/2016	222022	29	N	1350.00	397419.73	6907482.34	1163.00	57180.37	99		0	57180.37
1124844	24/08/2016	221950	29	N	1362.50	397425.06	6907492.09	1165.00	57277.75	99		0	57277.75
1124844	24/08/2016	221918	29	N	1375.00	397431.04	6907503.60	1168.00	57291.89	99		0	57291.89
1124844	24/08/2016	221850	29	N	1387.50	397437.64	6907513.95	1166.00	57189.37	79		0	57189.37
1124844	24/08/2016	221726	29	N	1400.00	397445.83	6907523.06	1168.00	57224.41	99		0	57224.41
1124844	24/08/2016	221658	29	N	1412.50	397452.67	6907532.59	1168.00	57164.34	99		0	57164.34
1124844	24/08/2016	221622	29	N	1425.00	397460.51	6907544.65	1169.00	57085.25	99		0	57085.25
1124844	24/08/2016	221550	29	N	1437.50	397467.52	6907553.92	1168.00	57141.53	79		0	57141.53
1124844	24/08/2016	221518	29	N	1450.00	397475.70	6907564.72	1169.00	57156.44	99		0	57156.44
1124844	24/08/2016	221442	29	N	1462.50	397481.51	6907575.19	1169.00	57213.78	99		0	57213.78
1124844	24/08/2016	221414	29	N	1475.00	397485.69	6907586.70	1171.00	57126.67	99		0	57126.67
1124844	24/08/2016	221346	29	N	1487.50	397494.17	6907596.87	1172.00	57103.62	99		0	57103.62
1124844	24/08/2016	221226	29	N	1500.00	397501.89	6907606.19	1172.00	57011.38	99		0	57011.38
1124844	24/08/2016	221122	29	N	1512.50	397509.00	6907615.90	1169.00	57056.6	69		0	57056.60
1124844	24/08/2016	221142	29	N	1512.50	397509.01	6907615.87	1169.00	57047.17	99		1	
1124844	24/08/2016	220910	29	N	1525.00								

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	24/08/2016	215042	29	N	1875.00	397725.39	6907912.63	1150.00	56896.04	99		0	56896.04
1124844	24/08/2016	214942	29	N	1887.50	397731.50	6907923.45	1150.00	57007.16	99		0	57007.16
1124844	24/08/2016	214842	29	N	1900.00	397739.24	6907932.41	1147.00	57079.26	49		0	57079.26
1124844	24/08/2016	214902	29	N	1900.00	397740.29	6907931.65	1148.00	57076.9	59		1	
1124844	24/08/2016	214754	29	N	1912.50	397747.78	6907941.87	1144.00	56972.27	99		0	56972.27
1124844	24/08/2016	214714	29	N	1925.00	397755.81	6907951.30	1140.00	56938.21	99		0	56938.21
1124844	24/08/2016	214618	29	N	1937.50	397763.04	6907959.68	1138.00	56960.62	99		0	56960.62
1124844	24/08/2016	214506	29	N	1950.00	397767.91	6907973.40	1134.00	57064.14	59		0	57064.14
1124844	24/08/2016	214526	29	N	1950.00	397768.42	6907973.33	1135.00	57046.52	69		2	
1124844	24/08/2016	213954	29	N	1962.50	397776.01	6907983.44	1136.00	57130.21	49		0	57130.21
1124844	24/08/2016	214010	29	N	1962.50	397776.12	6907982.42	1133.00	57093.46	69		2	
1124844	24/08/2016	214042	29	N	1962.50	397776.16	6907981.98	1132.00	57108.5	49		2	
1124844	24/08/2016	213914	29	N	1975.00	397781.65	6907991.07	1134.00	56980.49	79		0	56980.49
1124844	24/08/2016	213838	29	N	1987.50	397789.55	6908002.60	1135.00	56809.45	79		0	56809.45
1124844	24/08/2016	213738	29	N	2000.00	397796.98	6908012.75	1135.00	56824.67	49		0	56824.67
1124844	24/08/2016	213758	29	N	2000.00	397797.56	6908011.14	1134.00	56851.89	89		2	
1124844	24/08/2016	213702	29	N	2012.50	397805.16	6908022.43	1132.00	57158.1	99		0	57158.10
1124844	24/08/2016	213622	29	N	2025.00	397813.44	6908031.59	1133.00	57051.09	99		0	57051.09
1124844	24/08/2016	213538	29	N	2037.50	397818.66	6908042.73	1132.00	57028.99	99		0	57028.99
1124844	24/08/2016	213502	29	N	2050.00	397825.60	6908053.56	1130.00	56913.08	79		0	56913.08
1124844	24/08/2016	213426	29	N	2062.50	397829.92	6908064.42	1130.00	56825.93	99		0	56825.93
1124844	24/08/2016	213330	29	N	2075.00	397837.25	6908074.29	1129.00	56921.31	99		0	56921.31
1124844	24/08/2016	213110	29	N	2087.50	397844.51	6908084.46	1128.00	57058.7	59		0	57058.70
1124844	24/08/2016	213126	29	N	2087.50	397844.03	6908084.47	1127.00	56999	99		2	
1124844	24/08/2016	213030	29	N	2100.00	397850.26	6908098.14	1131.00	56983.54	99		0	56983.54
1124844	24/08/2016	212946	29	N	2112.50	397858.98	6908105.61	1127.00	56886.19	99		0	56886.19
1124844	24/08/2016	212902	29	N	2125.00	397865.75	6908113.18	1126.00	56887.08	99		0	56887.08
1124844	24/08/2016	212826	29	N	2137.50	397873.86	6908124.12	1125.00	56917.45	99		0	56917.45
1124844	24/08/2016	212746	29	N	2150.00	397881.12	6908134.03	1126.00	57024.34	99		0	57024.34
1124844	24/08/2016	212710	29	N	2162.50	397890.52	6908146.41	1129.00	57114.4	99		0	57114.40
1124844	24/08/2016	212626	29	N	2175.00	397897.17	6908154.48	1124.00	57084.39	99		0	57084.39
1124844	24/08/2016	212554	29	N	2187.50	397905.92	6908160.79	1120.00	57168.73	99		0	57168.73
1124844	24/08/2016	212514	29	N	2200.00	397910.68	6908171.68	1119.00	57191.55	99		0	57191.55
1124844	24/08/2016	212426	29	N	2212.50	397917.94	6908182.03	1118.00	57038.17	99		0	57038.17
1124844	24/08/2016	212342	29	N	2225.00	397923.32	6908191.93	1117.00	56883.64	99		0	56883.64
1124844	24/08/2016	212246	29	N	2237.50	397933.12	6908201.70	1114.00	56724.66	99		0	56724.66
1124844	24/08/2016	212214	29	N	2250.00	397940.47	6908210.66	1114.00	56764.98	79		0	56764.98
1124844	24/08/2016	212138	29	N	2262.50	397948.38	6908220.49	1111.00	56773.12	99		0	56773.12
1124844	24/08/2016	212102	29	N	2275.00	397955.86	6908229.77	1109.00	56834.74	99		0	56834.74
1124844	24/08/2016	212026	29	N	2287.50	397964.19	6908239.44	1106.00	56852.4	99		0	56852.40
1124844	24/08/2016	211946	29	N	2300.00	397968.88	6908249.50	1107.00	56871.84	99		0	56871.84
1124844	24/08/2016	211902	29	N	2312.50	397976.87	6908259.97	1107.00	56867.04	99		0	56867.04
1124844	24/08/2016	211818	29	N	2325.00	397982.17	6908271.87	1107.00	56853.88	99		0	56853.88
1124844	24/08/2016	211742	29	N	2337.50	397990.32	6908279.48	1105.00	56858.49	99		0	56858.49
1124844	24/08/2016	211642	29	N	2350.00	397996.51	6908288.65	1103.00	56833.41	99		0	56833.41
1124844	24/08/2016	211550	29	N	2362.50	398002.22	6908300.47	1102.00	56908.84	99		0	56908.84
1124844	24/08/2016	211510	29	N	2375.00	398008.50	6908310.04	1101.00	56913.29	99		0	56913.29
1124844	24/08/2016	211430	29	N	2387.50	398018.24	6908318.45	1099.00	56885.08	99		0	56885.08
1124844	24/08/2016	211130	29	N	2400	398025.76	6908330.25	1096	56833.08	99		0	56833.08
1124844	24/08/2016	211242	29	N	2400	398025.54	6908330.18	1097	56846.47	99		2	
1124844	24/08/2016	211302	29	N	2400	398025.48	6908330.11	1097	56846.1	99		1	
8043128	24/08/2416	234154	31	N	0.00	396861.12	6906336.60	1112.00	56639.56	39		0	56639.56
8043129	24/08/2417	234306	31	N	0.00	396860.86	6906329.25	1112.00	56830.33	79		2	
8043130	24/08/2418	234322	31	N	0.00	396861.91	6906330.22	1111.00	56825.92	79		1	
8043127	24/08/2415	234118	31	N	12.50	396874.35	6906339.28	1119.00	56622.34	39		0	56622.34
8043126	24/08/2414	234038	31	N	25.00	396883.31	6906345.98	1123.00	56642.29	49		0	56642.29
8043125	24/08/2413	234006	31	N	37.50	396882.58	6906361.15	1126.00	56743.57	29		0	56743.57
8043124	24/08/2412	233934	31	N	50.00	396885.76	6906370.61	1126.00	56838.02	39		0	56838.02
8043123	24/08/2411	233902	31	N	62.50	396889.35	6906386.93	1134.00	56759.78	49		0	56759.78
8043122	24/08/2410	233834	31	N	75.00	396895.97	6906392.97	1132.00	56759.31	29		0	56759.31
8043121	24/08/2409	233754	31	N	87.50	396903.11	6906403.80	1135.00	56781.48	39		0	56781.48
8043120	24/08/2408	233726	31	N	100.00	396910.90	6906409.92	1136.00	56913.69	39		0	56913.69
8043119	24/08/2407	233654	31	N	112.50	396922.74	6906419.91	1137.00	56933.18	49		0	56933.18
8043118	24/08/2406	233622	31	N	125.00	396930.78	6906429.55	1139.00	56875.45	69		0	56875.45
8043117	24/08/2405	233550	31	N	137.50	396935.18	6906436.15	1141.00	56733.86	49		0	56733.86
8043115	24/08/2403	233454	31	N	150.00	396946.41	6906447.37	1143.00	56841.09	29		0	56841.09
8043116	24/08/2404	233510	31	N	150.00	396946.10	6906447.11	1143.00	56853.82	69		2	
8043114	24/08/2402	233414	31	N	162.50	396954.41	6906455.82	1145.00	57005.06	69		0	57005.06
8043113	24/08/2401	233346	31	N	175.00	396965.05	6906463.32	1146.00	56872.4	39		0	56872.40
8043112	24/08/2400	233322	31	N	187.50	396975.11	6906469.87	1148.00	56771.9	59		0	56771.90
8043111	24/08/2399	233250	31	N	200.00	396984.39	6906480.62	1150.00	56855.18	89		0	56855.18
8043110	24/08/2398	233222	31	N	212.50	396991.10	6906487.82	1151.00	56740.72	49		0	56740.72
8043109	24/08/2397	233150	31	N	225.00	396998.98	6906498.33	1152.00	56823.79	49		0	56823.79
8043108	24/08/2396	233118	31	N	237.50	397003.07	6906510.54	1153.00	56732.01	69		0	56732.01
8043107	24/08/2395	233046	31	N	250.00	397007.84	6906522.36	1152.00	56874.11	59		0	56874.11
8043106	24/08/2394	233022	31	N	262.50	397012.66	6906532.85	1155.00	56850.12	39		0	56850.12
8043105	24/08/2393	232918	31	N	275.00	397017.36	6906545.13	1153.00	57054.92	59		0	57054.92
8043104	24/08/2392	232854	31	N	287.50	397024.49	6906556.18	1158.00	57089.64	89		0	57089.64
8043103	24/08/2391	232754	31	N	300.00	397030.33	6906563.27	1157.00	56813.8	39		0	56813.80
8043102	24/08/2390	232726	31	N	312.50	397036.10	6906574.09	1157.00	56976.66	49		0	56976.66
8043101	24/08/2389	232654	31	N	325.00	397045.27	6906586.21	1158.00	56907.74	49		0	56907.74
8043100	24/08/2388	232618	31	N	337.50	397054.31	6906596.40	1158.00	5689				

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8043070	24/08/2358	230322	31	N	700.00	397255.46	6906891.24	1129.00	56994.25	69		0	56994.25
8043069	24/08/2357	230246	31	N	712.50	397262.63	6906899.30	1127.00	56955.06	99		0	56955.06
8043068	24/08/2356	230206	31	N	725.00	397271.19	6906909.19	1126.00	56999.62	89		0	56999.62
8043067	24/08/2355	230126	31	N	737.50	397278.39	6906916.95	1125.00	56973.74	99		0	56973.74
8043066	24/08/2354	230050	31	N	750.00	397285.52	6906926.21	1124.00	56965.88	29		0	56965.88
8043065	24/08/2353	230006	31	N	762.50	397293.06	6906935.18	1123.00	57076.35	69		0	57076.35
8043064	24/08/2352	225930	31	N	775.00	397301.24	6906945.88	1121.00	57054.17	79		0	57054.17
8043063	24/08/2351	225854	31	N	787.50	397309.53	6906956.09	1120.00	56966.93	79		0	56966.93
8043062	24/08/2350	225818	31	N	800.00	397317.50	6906966.54	1119.00	57052.67	69		0	57052.67
8043061	24/08/2349	225742	31	N	812.50	397323.61	6906975.85	1118.00	57100.6	59		0	57100.6
8043060	24/08/2348	225658	31	N	825.00	397332.98	6906987.09	1118.00	57114.06	59		0	57114.06
8043059	24/08/2347	225614	31	N	837.50	397340.20	6906994.53	1117.00	57048.31	49		0	57048.31
8043058	24/08/2346	225518	31	N	850.00	397347.66	6907005.01	1116.00	57001.11	49		0	57001.11
8043057	24/08/2345	225430	31	N	862.50	397352.18	6907014.10	1116.00	57013.88	59		0	57013.88
8043056	24/08/2344	225350	31	N	875.00	397358.86	6907024.84	1116.00	57171.93	59		0	57171.93
8043055	24/08/2343	225308	31	N	887.50	397366.57	6907035.98	1116.00	57142.4	59		0	57142.40
8043054	24/08/2342	225202	31	N	900.00	397372.59	6907046.86	1115.00	57051.37	69		0	57051.37
8043053	24/08/2341	224922	31	N	912.50	397378.97	6907055.35	1116.00	56991.3	99		0	56991.30
8043051	24/08/2339	224834	31	N	925.00	397385.20	6907065.79	1116.00	57053.45	29		0	57053.45
8043052	24/08/2340	224850	31	N	925.00	397385.29	6907065.97	1116.00	57058.81	29		1	
8043050	24/08/2338	224758	31	N	937.50	397392.95	6907075.73	1115.00	56980.57	29		0	56980.57
8043049	24/08/2337	224722	31	N	950.00	397401.50	6907087.20	1115.00	56965.45	39		0	56965.45
8043048	24/08/2336	224630	31	N	962.50	397407.45	6907098.94	1114.00	57035.26	99		0	57035.26
8043046	24/08/2334	224542	31	N	975.00	397415.17	6907108.47	1115.00	56908.15	79	GPS at same location as 900, value very different, likely GPS failure	0	56908.15
8043047	24/08/2335	224602	31	N	975.00	397413.96	6907106.85	1115.00	56961.84	59		2	
8043045	24/08/2333	224438	31	N	987.50	397428.18	6907127.68	1114.00	56968.74	39		0	56968.74
8043044	24/08/2332	224310	31	N	1000.00	397435.72	6907139.26	1116.00	56794.43	59		0	56794.43
8043043	24/08/2331	224054	31	N	1012.50	397443.30	6907149.40	1117.00	56878.08	49		0	56878.08
8043042	24/08/2330	224022	31	N	1025.00	397449.69	6907158.78	1117.00	56746.39	39		0	56746.39
8043041	24/08/2329	223934	31	N	1037.50	397454.01	6907170.94	1118.00	56898.84	39		0	56898.84
8043040	24/08/2328	223902	31	N	1050.00	397460.71	6907181.35	1119.00	56981.42	79		0	56981.42
8043039	24/08/2327	223830	31	N	1062.50	397468.91	6907189.77	1119.00	56809.72	29		0	56809.72
8043038	24/08/2326	223746	31	N	1075.00	397474.83	6907202.35	1120.00	56768.81	29		0	56768.81
8043037	24/08/2325	223710	31	N	1087.50	397479.31	6907213.62	1123.00	56838.08	49		0	56838.08
8043036	24/08/2324	223638	31	N	1100.00	397484.86	6907224.04	1125.00	57004.3	59		0	57004.30
8043035	24/08/2323	223606	31	N	1112.50	397492.10	6907233.49	1124.00	57024.76	69		0	57024.76
8043034	24/08/2322	223534	31	N	1125.00	397499.53	6907243.15	1126.00	56878.34	29		0	56878.34
8043033	24/08/2321	223502	31	N	1137.50	397505.36	6907252.82	1126.00	56968.6	39		0	56968.60
8043032	24/08/2320	223422	31	N	1150.00	397512.48	6907264.93	1127.00	56984.54	49		0	56984.54
8043031	24/08/2319	223350	31	N	1162.50	397520.51	6907272.49	1126.00	57010.95	59		0	57010.95
8043030	24/08/2318	223314	31	N	1175.00	397527.12	6907281.43	1132.00	57001.05	39		0	57001.05
8043029	24/08/2317	223250	31	N	1187.50	397531.52	6907286.53	1132.00	57103.7	89		0	57103.70
8043027	24/08/2315	223158	31	N	1200.00	397542.54	6907294.75	1134.00	57061.99	19		2	
8043028	24/08/2316	223214	31	N	1200.00	397542.19	6907294.20	1133.00	57072.78	29		0	57072.78
8043026	24/08/2314	222938	31	N	1212.50	397552.24	6907308.92	1133.00	57230.93	29		0	57230.93
8043025	24/08/2313	222858	31	N	1225.00	397560.96	6907314.67	1137.00	57177.73	29		0	57177.73
8043024	24/08/2312	222814	31	N	1237.50	397565.31	6907321.63	1136.00	57277.49	69		0	57277.49
8043023	24/08/2311	222734	31	N	1250.00	397570.76	6907334.91	1138.00	57137.93	49		0	57137.93
8043022	24/08/2310	222702	31	N	1262.50	397575.98	6907350.21	1142.00	57188.2	39		0	57188.20
8043021	24/08/2309	222626	31	N	1275.00	397582.67	6907361.29	1144.00	57212.43	69		0	57212.43
8043020	24/08/2308	222550	31	N	1287.50	397587.90	6907367.86	1147.00	57014.25	29		0	57014.25
8043019	24/08/2307	222518	31	N	1300.00	397598.92	6907376.98	1154.00	57264.82	49		0	57264.82
8043018	24/08/2306	222446	31	N	1312.50	397606.27	6907385.14	1150.00	56845.87	29		0	56845.87
8043017	24/08/2305	222410	31	N	1325.00	397616.38	6907394.67	1147.00	56802.35	59		0	56802.35
8043016	24/08/2304	222338	31	N	1337.50	397625.35	6907401.78	1152.00	56912.26	49		0	56912.26
8043015	24/08/2303	222306	31	N	1350.00	397631.64	6907411.51	1152.00	56870.95	49		0	56870.95
8043014	24/08/2302	222234	31	N	1362.50	397634.93	6907424.57	1154.00	57063.79	39		0	57063.79
8043013	24/08/2301	222202	31	N	1375.00	397639.66	6907433.58	1154.00	56907.68	39		0	56907.68
8043012	24/08/2300	222130	31	N	1387.50	397646.66	6907443.69	1156.00	56763.56	39		0	56763.56
8043011	24/08/2299	222058	31	N	1400.00	397653.22	6907453.07	1163.00	56931.81	39		0	56931.81
8043009	24/08/2297	222002	31	N	1412.50	397662.22	6907465.23	1164.00	57104.67	29		0	57104.67
8043010	24/08/2298	222018	31	N	1412.50	397662.47	6907465.04	1165.00	57099.62	29		1	
8043008	24/08/2296	221930	31	N	1425.00	397669.93	6907474.84	1163.00	57080.93	39		0	57080.93
8043007	24/08/2295	221858	31	N	1437.50	397674.36	6907485.65	1166.00	56948.04	49		0	56948.04
8043006	24/08/2294	221818	31	N	1450.00	397681.10	6907495.93	1168.00	56911.31	39		0	56911.31
8043005	24/08/2293	221750	31	N	1462.50	397687.66	6907504.90	1172.00	57011.04	59		0	57011.04
8043004	24/08/2292	221726	31	N	1475.00	397691.14	6907510.31	1173.00	57062.83	39		0	57062.83
8043003	24/08/2291	221650	31	N	1487.50	397697.61	6907521.48	1175.00	57043.9	49		0	57043.90
8043002	24/08/2290	221614	31	N	1500.00	397708.15	6907529.17	1177.00	57024.18	49		0	57024.18
8043001	24/08/2289	221526	31	N	1512.50	397720.42	6907541.87	1178.00	57200.9	39		0	57200.90
8043000	24/08/2288	221454	31	N	1525.00	397728.61	6907550.05	1179.00	56997.54	49		0	56997.54
8042999	24/08/2287	221426	31	N	1537.50	397733.19	6907557.40	1178.00	57263.31	89		0	57263.31
8042998	24/08/2286	221350	31	N	1550.00	397737.19	6907572.44	1179.00	56864.22	59		0	56864.22
8042996	24/08/2284	221150	31	N	1562.50	397744.15	6907585.39	1177.00	56876.82	29		0	56876.82
8042997	24/08/2285	221206	31	N	1562.50	397743.11	6907584.37	1180.00	56870.32	39		1	
8042995	24/08/2283	221114	31	N	1575.00	397751.50	6907594.29	1179.00	57176.1	49		0	57176.10
8042994	24/08/2282	221018	31	N	1587.50	397758.18	6907601.81	1179.00	57264.14	99		0	57264.14
8042993	24/08/2281	220946	31	N	1600.00	397765.49	6907613.20	1179.00	57058.88	49		0	57058.88
8042992	24/08/2280	220850	31	N	1612.50	397772.17	6907624.48	1178.00	57142.76	59		0	57142.76
8042991	24/08/2279	220818	31	N	1625.00	397778.07	6907636.15	1177.00	58208.94	39		0	58208.94
8042990	24/08/2278	220746	31	N	1637.50	397784.41	6907646.07	1180.00	58657.01	59		0	58657.01

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042959	24/08/2247	214246	31	N	2000.00	397981.90	6907922.80	1106.00	56566.15	99		0	56566.15
8042958	24/08/2246	214138	31	N	2012.50	397988.63	6907932.84	1100.00	56633.99	89		0	56633.99
8042957	24/08/2245	214034	31	N	2025.00	397995.79	6907940.15	1095.00	56650.47	99		0	56650.47
8042956	24/08/2244	213938	31	N	2037.50	398004.07	6907951.77	1091.00	56919.64	99		0	56919.64
8042955	24/08/2243	213842	31	N	2050.00	398011.13	6907961.16	1086.00	56792.14	99		0	56792.14
8042954	24/08/2242	213758	31	N	2062.50	398016.43	6907970.80	1083.00	56858.57	89		0	56858.57
8042953	24/08/2241	213706	31	N	2075.00	398024.31	6907980.74	1080.00	56874.17	69		0	56874.17
8042952	24/08/2240	213622	31	N	2087.50	398029.39	6907988.57	1077.00	56906.67	99		0	56906.67
8042951	24/08/2239	213534	31	N	2100.00	398035.95	6907999.86	1073.00	56838.05	99		0	56838.05
8042950	24/08/2238	213458	31	N	2112.50	398042.77	6908008.39	1071.00	56852.12	89		0	56852.12
8042949	24/08/2237	213422	31	N	2125.00	398048.10	6908018.12	1067.00	56726.86	99		0	56726.86
8042948	24/08/2236	213342	31	N	2137.50	398055.22	6908031.36	1066.00	56643.76	29		0	56643.76
8042945	24/08/2233	213102	31	N	2150.00	398065.60	6908041.74	1065.00	56496.73	29		0	56496.73
8042946	24/08/2234	213118	31	N	2150.00	398065.40	6908041.64	1062.00	56482.73	29		2	
8042947	24/08/2235	213134	31	N	2150.00	398066.81	6908042.39	1061.00	56454.83	19		2	
8042944	24/08/2232	213022	31	N	2162.50	398074.85	6908052.49	1068.00	56935.17	49		0	56935.17
8042943	24/08/2231	212942	31	N	2175.00	398078.57	6908057.70	1067.00	56749.44	89		0	56749.44
8042942	24/08/2230	212850	31	N	2187.50	398082.60	6908066.35	1066.00	56938.26	59		0	56938.26
8042940	24/08/2228	212758	31	N	2200.00	398087.82	6908074.16	1064.00	56815.86	29		0	56815.86
8042941	24/08/2229	212814	31	N	2200.00	398088.46	6908072.61	1066.00	56789.58	29		2	
8042939	24/08/2227	212658	31	N	2212.50	398097.81	6908087.17	1065.00	56764.99	39		0	56764.99
8042938	24/08/2226	212622	31	N	2225.00	398102.61	6908094.80	1067.00	56977.42	59		0	56977.42
8042937	24/08/2225	212546	31	N	2237.50	398111.85	6908105.74	1061.00	56787.07	29		0	56787.07
8042934	24/08/2222	212430	31	N	2250.00	398120.00	6908116.67	1064.00	57161.57	29		0	57161.57
8042935	24/08/2223	212458	31	N	2250.00	398118.18	6908116.05	1062.00	56904.56	39		2	
8042936	24/08/2224	212514	31	N	2250.00	398119.00	6908116.27	1062.00	56888.12	39		2	
8042933	24/08/2221	212342	31	N	2262.50	398124.34	6908127.89	1062.00	57092.53	79		0	57092.53
8042931	24/08/2219	212250	31	N	2275.00	398128.63	6908138.26	1060.00	56902.24	59		0	56902.24
8042932	24/08/2220	212306	31	N	2275.00	398129.00	6908137.14	1059.00	56883.1	59		2	
8042930	24/08/2218	212214	31	N	2287.50	398135.33	6908153.16	1061.00	56752.89	89		0	56752.89
8042929	24/08/2217	212130	31	N	2300.00	398142.03	6908159.06	1058.00	56822.53	99		0	56822.53
8042928	24/08/2216	212034	31	N	2312.50	398151.54	6908169.32	1053.00	56813.56	59		0	56813.56
8042927	24/08/2215	211954	31	N	2325.00	398159.46	6908177.00	1050.00	56722.39	49		0	56722.39
8042926	24/08/2214	211914	31	N	2337.50	398166.90	6908186.21	1049.00	56703.83	59		0	56703.83
8042925	24/08/2213	211818	31	N	2350.00	398173.24	6908195.11	1049.00	56857.08	59		0	56857.08
8042924	24/08/2212	211738	31	N	2362.50	398185.18	6908204.40	1051.00	56640.84	39		0	56640.84
8042922	24/08/2210	211654	31	N	2375.00	398188.92	6908214.56	1051.00	56627.98	59		0	56627.98
8042923	24/08/2211	211710	31	N	2375.00	398188.28	6908215.26	1051.00	56609.3	49		2	
8042728	26/08/2016	170742	33	N	0.00	397028.77	6906214.51	1135.00	56771.58	59		1	
8042728	26/08/2016	170758	33	N	0.00	397028.80	6906214.41	1134.00	56772.63	59		1	
8042728	26/08/2016	170814	33	N	0.00	397029.28	6906215.49	1136.00	56776.55	59		1	
8042728	26/08/2016	170838	33	N	0.00	397028.93	6906215.78	1134.00	56762.41	59	better data fit	0	56762.41
8042728	26/08/2016	170942	33	N	12.50	397040.31	6906228.46	1139.00	56705.02	99		0	56705.02
8042728	26/08/2016	171126	33	N	25.00	397041.65	6906237.07	1147.00	56820.51	99		0	56820.51
8042728	26/08/2016	171234	33	N	37.50	397048.82	6906243.16	1146.00	56858.56	79		0	56858.56
8042728	26/08/2016	171354	33	N	50.00	397057.03	6906252.28	1152.00	56785.7	69		0	56785.70
8042728	26/08/2016	171442	33	N	62.50	397063.23	6906261.39	1153.00	56776.4	79		0	56776.40
8042728	26/08/2016	171530	33	N	75.00	397070.49	6906273.66	1152.00	56664.52	79		0	56664.52
8042728	26/08/2016	171622	33	N	87.50	397077.37	6906280.47	1152.00	56779.18	39		0	56779.18
8042728	26/08/2016	171722	33	N	100.00	397083.36	6906294.70	1158.00	56798.7	79		0	56798.70
8042728	26/08/2016	171814	33	N	112.50	397089.23	6906306.48	1162.00	56684.7	39		0	56684.70
8042728	26/08/2016	171850	33	N	125.00	397096.29	6906316.54	1163.00	56813.81	69		0	56813.81
8042728	26/08/2016	171938	33	N	137.50	397104.97	6906326.08	1166.00	56917.11	99		0	56917.11
8042728	26/08/2016	172014	33	N	150.00	397113.17	6906332.65	1167.00	56776.37	79		0	56776.37
8042728	26/08/2016	172054	33	N	162.50	397124.52	6906340.30	1168.00	56876.62	89		0	56876.62
8042728	26/08/2016	172134	33	N	175.00	397134.88	6906347.76	1170.00	56670.52	69		0	56670.52
8042728	26/08/2016	172258	33	N	187.50	397137.68	6906358.37	1170.00	56676.62	69		0	56676.62
8042728	26/08/2016	172402	33	N	200.00	397141.47	6906369.80	1175.00	56817.99	79		0	56817.99
8042728	26/08/2016	172442	33	N	212.50	397149.94	6906378.83	1171.00	56755.7	49	best point	0	56755.70
8042728	26/08/2016	172458	33	N	212.50	397149.79	6906378.98	1172.00	56988.77	49		2	
8042728	26/08/2016	172514	33	N	212.50	397149.98	6906378.25	1171.00	56713.12	39		2	
8042728	26/08/2016	172606	33	N	225.00	397159.06	6906391.15	1174.00	56744.68	69		0	56744.68
8042728	26/08/2016	172658	33	N	237.50	397167.38	6906403.38	1174.00	56715.5	59		0	56715.50
8042728	26/08/2016	172738	33	N	250.00	397173.69	6906413.07	1175.00	56750.3	79		0	56750.30
8042728	26/08/2016	172914	33	N	262.50	397178.15	6906422.25	1176.00	56731.12	69		0	56731.12
8042728	26/08/2016	172946	33	N	275.00	397182.01	6906429.83	1175.00	56753.86	69		0	56753.86
8042728	26/08/2016	173058	33	N	287.50	397189.51	6906439.23	1177.00	56671.4	59	better signal	0	56671.40
8042728	26/08/2016	173118	33	N	287.50	397189.94	6906439.54	1176.00	56651.7	49		2	
8042728	26/08/2016	173158	33	N	300.00	397200.08	6906450.15	1177.00	56701.64	49		0	56701.64
8042728	26/08/2016	173234	33	N	312.50	397207.19	6906460.25	1178.00	56820.93	49		2	
8042728	26/08/2016	173258	33	N	312.50	397207.14	6906460.38	1178.00	56828.28	49		1	
8042728	26/08/2016	173318	33	N	312.50	397207.14	6906460.39	1178.00	56809.2	69	better signa;	0	56809.20
8042728	26/08/2016	173554	33	N	325.00	397211.38	6906468.65	1179.00	56738.96	89		0	56738.96
8042728	26/08/2016	173630	33	N	337.50	397219.06	6906480.72	1181.00	56703.35	99		0	56703.35
8042728	26/08/2016	173706	33	N	350.00	397225.83	6906490.58	1181.00	56654.96	39		0	56654.96
8042728	26/08/2016	173822	33	N	362.50	397232.35	6906499.09	1181.00	56699.24	69		0	56699.24
8042728	26/08/2016	173918	33	N	375.00	397238.74	6906510.37	1182.00	56740.45	39		0	56740.45
8042728	26/08/2016	173958	33	N	387.50	397246.32	6906524.48	1183.00	56700.66	39	better fit	0	56700.66
8042728	26/08/2016	174018	33	N	387.50	397246.41	6906524.66	1183.00	56780.35	99		2	
8042728	26/08/2016	174110	33	N	400.00	397253.71	6906536.58	1183.00	56717.04	99		0	56717.04
8042728	26/08/2016	174154	33	N	412.50	397257.96	6906542.30	1183.00	56726.13	99		0	56726.13
8042728	26/08/2016	174234	33	N	425.00	397264.71	6906550.47	1182.00	56711.99	59		0	

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	26/08/2016	180146	33	N	712.50	397432.92	6906778.94	1157.00	56644.35	59		0	56644.35
8042728	26/08/2016	180230	33	N	725.00	397441.23	6906790.81	1154.00	56719.95	49		2	
8042728	26/08/2016	180246	33	N	725.00	397441.47	6906790.94	1154.00	56668.47	49	better fit	0	56668.47
8042728	26/08/2016	180334	33	N	737.50	397445.19	6906799.39	1153.00	56652.48	59		0	56652.48
8042728	26/08/2016	180406	33	N	750.00	397451.14	6906810.16	1151.00	56685.07	49		2	
8042728	26/08/2016	180434	33	N	750.00	397451.22	6906810.57	1150.00	56716.48	69		0	56716.48
8042728	26/08/2016	180510	33	N	762.50	397459.70	6906820.73	1147.00	56666.19	49		2	
8042728	26/08/2016	180538	33	N	762.50	397459.43	6906820.99	1148.00	56754.51	89	better data fit	0	56754.51
8042728	26/08/2016	180614	33	N	775.00	397466.34	6906832.95	1144.00	56697.45	29		9	
8042728	26/08/2016	180634	33	N	775.00	397466.68	6906832.69	1145.00	56889.17	29		9	
8042728	26/08/2016	180650	33	N	775.00	397465.83	6906832.96	1145.00	56838.53	89		0	56838.53
8042728	26/08/2016	180730	33	N	787.50	397473.25	6906843.75	1144.00	56724.1	59		2	
8042728	26/08/2016	180750	33	N	787.50	397472.82	6906843.56	1143.00	56850.21	89		1	
8042728	26/08/2016	180806	33	N	787.50	397472.89	6906843.48	1144.00	56852.1	99	best data fit	0	56852.10
8042728	26/08/2016	180850	33	N	800.00	397480.09	6906855.03	1142.00	56856.87	99		0	56856.87
8042728	26/08/2016	180946	33	N	812.50	397484.18	6906863.90	1142.00	56832.37	39		1	
8042728	26/08/2016	181002	33	N	812.50	397484.36	6906864.05	1142.00	56826.71	39		0	56826.71
8042728	26/08/2016	181126	33	N	825.00	397492.72	6906874.97	1139.00	56761.44	49		0	56761.44
8042728	26/08/2016	181142	33	N	825.00	397492.66	6906874.87	1140.00	56739.75	29		2	
8042728	26/08/2016	181158	33	N	825.00	397492.70	6906874.81	1140.00	56724.8	39		2	
8042728	26/08/2016	181334	33	N	837.50	397501.16	6906885.97	1137.00	56852.9	99		0	56852.90
8042728	26/08/2016	181422	33	N	850.00	397505.92	6906894.39	1136.00	56858.95	89		0	56858.95
8042728	26/08/2016	181506	33	N	862.50	397513.13	6906903.47	1136.00	56846.3	89		0	56846.30
8042728	26/08/2016	181554	33	N	875.00	397520.62	6906912.43	1135.00	56821.79	59		1	
8042728	26/08/2016	181614	33	N	875.00	397521.19	6906912.18	1134.00	56778.25	29		2	
8042728	26/08/2016	181630	33	N	875.00	397520.85	6906912.45	1134.00	56922.97	99	best signal	0	56922.97
8042728	26/08/2016	181906	33	N	887.50	397524.39	6906922.31	1134.00	56888.32	99		0	56888.32
8042728	26/08/2016	181946	33	N	900.00	397534.25	6906936.60	1132.00	56805.9	39		0	56805.90
8042728	26/08/2016	182002	33	N	900.00	397534.06	6906936.62	1132.00	56905.56	99		2	
8042728	26/08/2016	182038	33	N	912.50	397540.36	6906946.77	1131.00	56887.74	99		0	56887.74
8042728	26/08/2016	182126	33	N	925.00	397545.90	6906958.31	1130.00	56883.78	99		0	56883.78
8042728	26/08/2016	182222	33	N	937.50	397551.66	6906965.10	1129.00	56857.79	99		0	56857.79
8042728	26/08/2016	182306	33	N	950.00	397557.29	6906972.96	1129.00	56813.85	89		0	56813.85
8042728	26/08/2016	182358	33	N	962.50	397565.24	6906985.24	1127.00	56795.35	69		0	56795.35
8042728	26/08/2016	182434	33	N	975.00	397570.62	6906995.26	1128.00	56718.57	39		1	
8042728	26/08/2016	182450	33	N	975.00	397570.69	6906995.13	1127.00	56824.71	69	best signal	0	56824.71
8042728	26/08/2016	182506	33	N	975.00	397570.70	6906995.10	1127.00	56823.14	59		2	
8042728	26/08/2016	182546	33	N	987.50	397576.23	6907006.00	1127.00	56845.66	99		0	56845.66
8042728	26/08/2016	182630	33	N	1000.00	397583.57	6907017.63	1125.00	56839.53	59		1	
8042728	26/08/2016	182646	33	N	1000.00	397583.95	6907017.74	1125.00	56841.5	89	bette GPS	0	56841.50
8042728	26/08/2016	182722	33	N	1012.50	397590.30	6907026.55	1125.00	56823.42	99		0	56823.42
8042728	26/08/2016	182930	33	N	1025.00	397598.50	6907038.29	1124.00	56682.89	59		2	
8042728	26/08/2016	183002	33	N	1025.00	397598.13	6907037.39	1123.00	56849.01	99		0	56849.01
8042728	26/08/2016	183018	33	N	1025.00	397598.12	6907037.32	1123.00	56848.94	99		1	
8042728	26/08/2016	183122	33	N	1037.50	397605.55	6907045.75	1123.00	56862.18	99		0	56862.18
8042728	26/08/2016	183214	33	N	1050.00	397613.28	6907055.86	1123.00	56794.93	69		0	56794.93
8042728	26/08/2016	183258	33	N	1062.50	397622.08	6907066.09	1121.00	56846.05	9		9	
8042728	26/08/2016	183314	33	N	1062.50	397622.18	6907066.81	1122.00	56843.44	19	Maybe bad	0	56843.44
8042728	26/08/2016	183330	33	N	1062.50	397622.18	6907066.90	1123.00	56834.89	9		9	
8042728	26/08/2016	183414	33	N	1075.00	397629.98	6907078.65	1122.00	56872.55	9		0	56872.55
8042728	26/08/2016	183454	33	N	1087.50	397636.66	6907089.33	1122.00	56862.8	19		2	
8042728	26/08/2016	183510	33	N	1087.50	397636.46	6907089.38	1123.00	56832.7	29		0	56832.70
8042728	26/08/2016	183546	33	N	1100.00	397642.71	6907098.65	1121.00	56840.98	79		0	56840.98
8042728	26/08/2016	183622	33	N	1112.50	397650.59	6907106.60	1122.00	56745.1	49		0	56745.10
8042728	26/08/2016	183654	33	N	1125.00	397659.35	6907114.93	1121.00	56833.3	89		0	56833.30
8042728	26/08/2016	183758	33	N	1137.50	397668.46	6907124.17	1121.00	56793.02	99		0	56793.02
8042728	26/08/2016	183834	33	N	1150.00	397675.33	6907135.25	1120.00	56853.62	99		0	56853.62
8042728	26/08/2016	183922	33	N	1162.50	397682.28	6907144.09	1121.00	56831.78	99		0	56831.78
8042728	26/08/2016	184014	33	N	1175.00	397689.07	6907152.95	1121.00	56927.73	99		0	56927.73
8042728	26/08/2016	184054	33	N	1187.50	397696.90	6907163.44	1122.00	56852.58	89		0	56852.58
8042728	26/08/2016	184138	33	N	1200.00	397707.06	6907178.16	1125.00	56960.97	99		0	56960.97
8042728	26/08/2016	184210	33	N	1212.50	397712.12	6907183.53	1123.00	56945.69	99		0	56945.69
8042728	26/08/2016	184246	33	N	1225.00	397718.30	6907194.79	1124.00	56934.52	99		0	56934.52
8042728	26/08/2016	184322	33	N	1237.50	397724.70	6907205.62	1125.00	57016.73	99		0	57016.73
8042728	26/08/2016	184410	33	N	1250.00	397731.60	6907214.20	1128.00	56992.29	99		0	56992.29
8042728	26/08/2016	184458	33	N	1262.50	397739.59	6907223.78	1127.00	57022.68	99		0	57022.68
8042728	26/08/2016	184538	33	N	1275.00	397746.64	6907235.72	1126.00	57030.48	99		0	57030.48
8042728	26/08/2016	184622	33	N	1287.50	397752.96	6907243.56	1132.00	57015.09	79		0	57015.09
8042728	26/08/2016	184658	33	N	1300.00	397760.84	6907252.75	1130.00	57004.99	99		0	57004.99
8042728	26/08/2016	184742	33	N	1312.50	397768.16	6907261.84	1132.00	56977.22	99		0	56977.22
8042728	26/08/2016	185110	33	N	1325.00	397779.71	6907276.43	1137.00	56940.21	99		0	56940.21
8042728	26/08/2016	185146	33	N	1337.50	397779.23	6907284.05	1134.00	56898.87	89		0	56898.87
8042728	26/08/2016	185226	33	N	1350.00	397787.33	6907293.07	1135.00	56912.23	99		0	56912.23
8042728	26/08/2016	185334	33	N	1362.50	397794.77	6907309.74	1138.00	56777.48	99		0	56777.48
8042728	26/08/2016	185430	33	N	1375.00	397799.12	6907315.13	1136.00	56746.37	99		0	56746.37
8042728	26/08/2016	185506	33	N	1387.50	397808.75	6907327.32	1138.00	56843.19	99		0	56843.19
8042728	26/08/2016	185546	33	N	1400.00	397816.53	6907335.35	1139.00	56951.21	99		0	56951.21
8042728	26/08/2016	185618	33	N	1412.50	397821.55	6907344.38	1144.00	56942.6	99		0	56942.60
8042728	26/08/2016	185722	33	N	1425.00	397830.99	6907354.50	1142.00	56995.63	99		0	56995.63
8042728	26/08/2016	185810	33	N	1437.50	397838.99	6907363.43	1142.00	56982.42	99		0	56982.42
8042728	26/08/2016	185858	33	N	1450.00	397845.90	6907371.01	1146.00	56873.92	89		0	56873.92
8042728	26/08/2016	185934	33	N	1462.50	397851.34	6907383.97	1147.00	56932.57	99		0	56932.57
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Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	26/08/2016	192254	33	N	1837.50	398059.04	6907691.50	1127.00	56868.44	49		2	
8042728	26/08/2016	192310	33	N	1837.50	398058.63	6907692.20	1127.00	56927.67	99		0	56927.67
8042728	26/08/2016	192410	33	N	1850.00	398068.54	6907703.58	1130.00	57007.17	79		0	57007.17
8042728	26/08/2016	192546	33	N	1862.50	398071.77	6907706.50	1123.00	57067.23	99	Very Close to previous station, GPS poor	0	57067.23
8042728	26/08/2016	192658	33	N	1875.00	398082.24	6907720.29	1120.00	57014.82	69		0	57014.82
8042728	26/08/2016	192750	33	N	1887.50	398089.08	6907730.48	1120.00	57113.23	39		2	
8042728	26/08/2016	192814	33	N	1887.50	398088.58	6907731.25	1118.00	56808.68	99	bette rfit	0	56808.68
8042728	26/08/2016	192854	33	N	1900.00	398094.48	6907736.65	1116.00	56776.12	59		0	56776.12
8042728	26/08/2016	192934	33	N	1912.50	398103.77	6907746.66	1116.00	56921.79	79		0	56921.79
8042728	26/08/2016	193010	33	N	1925.00	398109.44	6907755.24	1113.00	56925.24	99		0	56925.24
8042728	26/08/2016	193050	33	N	1937.50	398117.80	6907763.08	1106.00	56804.44	99		0	56804.44
8042728	26/08/2016	193130	33	N	1950.00	398122.74	6907773.64	1106.00	56737.74	99		0	56737.74
8042728	26/08/2016	193202	33	N	1962.50	398128.29	6907784.46	1107.00	56859.72	99		0	56859.72
8042728	26/08/2016	193238	33	N	1975.00	398138.29	6907796.25	1106.00	56815.01	99		0	56815.01
8042728	26/08/2016	193318	33	N	1987.50	398143.62	6907807.13	1105.00	56866.12	99		0	56866.12
8042728	26/08/2016	193358	33	N	2000.00	398150.01	6907814.12	1102.00	56846.3	99		0	56846.30
8042728	26/08/2016	193434	33	N	2012.50	398159.31	6907822.41	1100.00	56851.38	99		0	56851.38
8042728	26/08/2016	193510	33	N	2025.00	398168.70	6907832.16	1098.00	56834.94	99		0	56834.94
8042728	26/08/2016	193554	33	N	2037.50	398175.20	6907844.06	1102.00	56852.81	99		0	56852.81
8042728	26/08/2016	193630	33	N	2050.00	398183.45	6907849.99	1094.00	56716.64	99		0	56716.64
8042728	26/08/2016	193702	33	N	2062.50	398190.93	6907859.97	1094.00	56793.13	99		0	56793.13
8042728	26/08/2016	193738	33	N	2075.00	398195.24	6907870.97	1088.00	56944.29	99		0	56944.29
8042728	26/08/2016	193814	33	N	2087.50	398202.12	6907881.09	1091.00	57101.17	99		0	57101.17
8042728	26/08/2016	193854	33	N	2100.00	398209.72	6907893.22	1090.00	57094.6	99		0	57094.60
8042728	26/08/2016	193934	33	N	2112.50	398220.00	6907906.47	1089.00	56962.56	99		0	56962.56
8042728	26/08/2016	194010	33	N	2125.00	398227.08	6907915.25	1085.00	56839.93	99		0	56839.93
8042728	26/08/2016	194046	33	N	2137.50	398231.41	6907921.53	1085.00	57009.49	99		0	57009.49
8042728	26/08/2016	194130	33	N	2150.00	398239.92	6907931.10	1085.00	57062.24	99		0	57062.24
8042728	26/08/2016	194206	33	N	2162.50	398246.38	6907941.78	1082.00	56888.04	99		0	56888.04
8042728	26/08/2016	194246	33	N	2175.00	398255.12	6907951.22	1079.00	56754.12	99		0	56754.12
8042728	26/08/2016	194322	33	N	2187.50	398257.72	6907963.15	1078.00	56686.32	99		0	56686.32
8042728	26/08/2016	194426	33	N	2200.00	398265.11	6907972.70	1072.00	56689.97	99		0	56689.97
8042728	26/08/2016	194506	33	N	2212.50	398272.69	6907982.53	1069.00	56701.54	99		0	56701.54
8042728	26/08/2016	194538	33	N	2225.00	398279.17	6907992.45	1072.00	56676.76	99		0	56676.76
8042728	26/08/2016	194618	33	N	2237.50	398288.93	6908006.47	1069.00	56647.65	99		0	56647.65
8042728	26/08/2016	194650	33	N	2250.00	398292.96	6908013.34	1068.00	56746.83	99		0	56746.83
8042728	26/08/2016	194730	33	N	2262.50	398299.99	6908023.24	1064.00	56627.26	69		0	56627.26
8042728	26/08/2016	194750	33	N	2262.50	398300.71	6908024.53	1064.00	56628.51	69		1	
8042728	26/08/2016	194838	33	N	2275.00	398307.20	6908033.78	1062.00	56636.38	99		0	56636.38
8042728	26/08/2016	194918	33	N	2287.50	398315.33	6908045.87	1060.00	56722.9	99		0	56722.90
8042728	26/08/2016	194950	33	N	2300.00	398321.77	6908055.03	1057.00	56716.63	99		0	56716.63
8042728	26/08/2016	195022	33	N	2312.50	398327.89	6908063.42	1055.00	56711.33	99		0	56711.33
8042728	26/08/2016	195054	33	N	2325.00	398335.10	6908070.33	1050.00	56678.17	89		0	56678.17
8042728	26/08/2016	195130	33	N	2337.50	398342.96	6908080.85	1048.00	56744.61	99		0	56744.61
8042728	26/08/2016	195210	33	N	2350.00	398350.30	6908092.69	1046.00	56663.22	69		0	56663.22
8042728	26/08/2016	195250	33	N	2362.50	398356.81	6908099.62	1039.00	56728.52	89		1	
8042728	26/08/2016	195306	33	N	2362.50	398356.74	6908099.67	1039.00	56752.59	99		2	
8042728	26/08/2016	195322	33	N	2362.50	398356.53	6908099.47	1039.00	56748.65	99		0	56748.65
8042728	26/08/2016	195350	33	N	2362.50	398355.94	6908098.10	1037.00	56748.3	99		1	
1124844	26/08/2016	171134	35	N	0	397191.97	6906092.72	1154	56794.18	69		1	
1124844	26/08/2016	171150	35	N	0	397192.14	6906092.62	1154	56784.79	99	Skipped station 12.5	0	56784.79
1124844	26/08/2016	171726	35	N	25	397204.05	6906111.15	1161	56890.22	29		0	56890.22
1124844	26/08/2016	171750	35	N	25	397204.09	6906111.38	1159	56822.88	99		2	
1124844	26/08/2016	171950	35	N	37.5	397210.09	6906120.37	1164	57044.6	39		2	
1124844	26/08/2016	172010	35	N	37.5	397210.31	6906120.38	1164	56916.44	99		0	56916.44
1124844	26/08/2016	172122	35	N	50	397217.22	6906130.72	1168	56900.56	99		0	56900.56
1124844	26/08/2016	172238	35	N	62.5	397224.88	6906139.02	1170	56901.92	99		0	56901.92
1124844	26/08/2016	172334	35	N	75	397230.53	6906150.33	1172	56854.14	99		0	56854.14
1124844	26/08/2016	172406	35	N	87.5	397239.28	6906159.18	1174	56881.19	99		0	56881.19
1124844	26/08/2016	172522	35	N	100	397243.87	6906170.14	1176	56847.26	99		0	56847.26
1124844	26/08/2016	172558	35	N	112.5	397249.65	6906180.8	1178	56931.56	99		0	56931.56
1124844	26/08/2016	172650	35	N	125	397258.57	6906190.1	1180	56891.74	99		0	56891.74
1124844	26/08/2016	172738	35	N	137.5	397266.08	6906198.47	1181	56945.76	99		0	56945.76
1124844	26/08/2016	172810	35	N	150	397273.4	6906206.6	1181	56870.35	99		0	56870.35
1124844	26/08/2016	172854	35	N	162.5	397278.7	6906219.01	1183	56907.69	99		0	56907.69
1124844	26/08/2016	172942	35	N	175	397286.69	6906228.93	1185	56913.77	99		0	56913.77
1124844	26/08/2016	173538	35	N	187.5	397293.49	6906239.51	1185	56940.26	99		0	56940.26
1124844	26/08/2016	173610	35	N	187.5	397298.48	6906249.9	1187	56915.3	99	Bad point	9	
1124844	26/08/2016	173642	35	N	200	397302.96	6906261.39	1189	56939.92	99		0	56939.92
1124844	26/08/2016	173742	35	N	212.5	397313.96	6906269.92	1192	56946.26	99		0	56946.26
1124844	26/08/2016	173818	35	N	225	397319.31	6906279.82	1192	56928.22	99		0	56928.22
1124844	26/08/2016	173854	35	N	237.5	397327.36	6906289.61	1194	56984.28	99		0	56984.28
1124844	26/08/2016	173930	35	N	250	397335.24	6906299.3	1196	56934.44	99		0	56934.44
1124844	26/08/2016	174010	35	N	262.5	397340.93	6906308.43	1198	56962.56	99		0	56962.56
1124844	26/08/2016	174102	35	N	275	397347.43	6906322.47	1198	56928.71	99		0	56928.71
1124844	26/08/2016	174202	35	N	287.5	397352.57	6906330.53	1199	57000.1	99		0	57000.1
1124844	26/08/2016	174234	35	N	300	397361.36	6906340.48	1200	57076.17	99		0	57076.17
1124844	26/08/2016	174306	35	N	312.5	397368.85	6906349.15	1201	57002.04	99		0	57002.04
1124844	26/08/2016	174354	35	N	325	397376.41	6906360.4	1202	57085.27	99		0	57085.27
1124844	26/08/2016	174438	35	N	337.5	397384.89	6906371.49	1202	57071.6	99		0	57071.60
1124844	26/08/2016	174518	35	N	350	397392.96	6906380.47	1203	57088.68	99		0	57088.68
1124844	26/08/2016	174546	35	N	362.5	397399.84	6906389.67	1204	57078.15	99		0	57078.15
1124844	26/08/2016	174810	35	N	375	397407.22	690						

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	26/08/2016	180622	35	N	725	397606.97	6906683.94	1185	56926.84	99		0	56926.84
1124844	26/08/2016	180702	35	N	737.5	397613.25	6906694.42	1183	57030.09	99		0	57030.09
1124844	26/08/2016	180758	35	N	750	397618.33	6906703.46	1181	56938.76	99		0	56938.76
1124844	26/08/2016	180826	35	N	762.5	397625.79	6906712.31	1179	56929.41	99		0	56929.41
1124844	26/08/2016	180902	35	N	775	397635.67	6906726.85	1179	56962.73	99		0	56962.73
1124844	26/08/2016	180926	35	N	787.5	397641.13	6906733.16	1178	56916.25	99		0	56916.25
1124844	26/08/2016	181018	35	N	800	397648.29	6906743.9	1176	56940.91	99		0	56940.91
1124844	26/08/2016	181054	35	N	812.5	397655.45	6906752.69	1175	56850.38	99		0	56850.38
1124844	26/08/2016	181126	35	N	825	397662.36	6906763.37	1172	56933.98	99		0	56933.98
1124844	26/08/2016	181214	35	N	837.5	397669.54	6906774.2	1172	56944.62	99		0	56944.62
1124844	26/08/2016	181302	35	N	850	397673.48	6906783.83	1171	57055.03	89		0	57055.03
1124844	26/08/2016	181346	35	N	862.5	397681.73	6906792.16	1171	57072.85	59		2	
1124844	26/08/2016	181430	35	N	862.5	397682.21	6906792.36	1170	57095.27	99	Better signal	0	57095.27
1124844	26/08/2016	181502	35	N	875	397689.66	6906800.73	1169	56965.15	99		0	56965.15
1124844	26/08/2016	181546	35	N	887.5	397694.64	6906812.56	1166	56940.36	99		0	56940.36
1124844	26/08/2016	181618	35	N	900	397701.74	6906821.48	1164	56834.64	99		0	56834.64
1124844	26/08/2016	181858	35	N	912.5	397709.02	6906832.25	1163	56883.62	99		0	56883.62
1124844	26/08/2016	181946	35	N	925	397716.64	6906842.48	1161	56948.76	99		0	56948.76
1124844	26/08/2016	182018	35	N	937.5	397724.4	6906852.09	1159	57021.45	99		0	57021.45
1124844	26/08/2016	182046	35	N	950	397730.86	6906863.66	1157	57027.98	99		0	57027.98
1124844	26/08/2016	182118	35	N	962.5	397738.18	6906872.01	1155	56977.36	99		0	56977.36
1124844	26/08/2016	182146	35	N	975	397744.59	6906881.63	1153	56976.75	99		0	56976.75
1124844	26/08/2016	182230	35	N	987.5	397751.82	6906892.53	1151	57048.17	69		2	
1124844	26/08/2016	182246	35	N	987.5	397751.4	6906892.46	1151	57062.21	69	better fit	0	57062.21
1124844	26/08/2016	182322	35	N	1000	397757.11	6906902.22	1149	57049.4	89		0	57049.40
1124844	26/08/2016	182402	35	N	1012.5	397766.98	6906912.54	1147	57117.07	99		0	57117.07
1124844	26/08/2016	182438	35	N	1025	397771.24	6906921.75	1146	57131.78	99		0	57131.78
1124844	26/08/2016	182514	35	N	1037.5	397777.1	6906932.13	1144	57071.06	79		0	57071.06
1124844	26/08/2016	182614	35	N	1050	397783.55	6906941.25	1141	57026.54	99		0	57026.54
1124844	26/08/2016	182658	35	N	1062.5	397789.67	6906951.97	1138	56960.39	99		0	56960.39
1124844	26/08/2016	182746	35	N	1075	397796.61	6906961.25	1136	57049.8	99		0	57049.80
1124844	26/08/2016	182822	35	N	1087.5	397803.89	6906971.67	1133	57056.99	99		0	57056.99
1124844	26/08/2016	182854	35	N	1100	397810.53	6906981.67	1132	57028.75	99		0	57028.75
1124844	26/08/2016	182926	35	N	1112.5	397817.79	6906991.95	1131	57049.63	99		0	57049.63
1124844	26/08/2016	183238	35	N	1125	397824.83	6907002.17	1129	57036.83	79		0	57036.83
1124844	26/08/2016	183310	35	N	1137.5	397830.96	6907011.98	1127	57024.02	79	Better data fit	0	57024.02
1124844	26/08/2016	183334	35	N	1137.5	397831.82	6907012.27	1126	56986.36	99		2	
1124844	26/08/2016	183418	35	N	1150	397839.23	6907020.49	1124	57056.38	89		0	57056.38
1124844	26/08/2016	183454	35	N	1162.5	397846.66	6907030.74	1122	56994.87	99		0	56994.87
1124844	26/08/2016	184218	35	N	1175	397857.24	6907043.91	1119	56955.25	99		0	56955.25
1124844	26/08/2016	184318	35	N	1187.5	397862.41	6907053.14	1116	57007.89	99		0	57007.89
1124844	26/08/2016	184410	35	N	1200	397866.5	6907061.99	1115	56970.03	99		0	56970.03
1124844	26/08/2016	184442	35	N	1212.5	397872.57	6907071.69	1112	56971.86	99		0	56971.86
1124844	26/08/2016	184522	35	N	1225	397879.92	6907083.3	1109	56951.78	99		0	56951.78
1124844	26/08/2016	184610	35	N	1237.5	397888.84	6907092.07	1108	56934.48	99		0	56934.48
1124844	26/08/2016	184642	35	N	1250	397894.04	6907101.8	1106	56934.98	99		0	56934.98
1124844	26/08/2016	184718	35	N	1262.5	397900.41	6907113.43	1104	56934.48	99		0	56934.48
1124844	26/08/2016	184758	35	N	1275	397908.08	6907122.8	1103	56967.52	99		0	56967.52
1124844	26/08/2016	184858	35	N	1287.5	397914.07	6907132.71	1101	56963.39	69	better fit	0	56963.39
1124844	26/08/2016	184926	35	N	1287.5	397914.18	6907133.65	1101	56948.46	99		2	
1124844	26/08/2016	185022	35	N	1300	397921.03	6907142.63	1102	56976.66	99		0	56976.66
1124844	26/08/2016	185118	35	N	1312.5	397929.66	6907151.44	1100	57008.67	99		0	57008.67
1124844	26/08/2016	185202	35	N	1325	397937.87	6907161.01	1100	57009.22	99		0	57009.22
1124844	26/08/2016	185254	35	N	1337.5	397946.09	6907170.68	1100	57057.06	99		0	57057.06
1124844	26/08/2016	185334	35	N	1350	397954.34	6907181.94	1101	57113.08	99		0	57113.08
1124844	26/08/2016	185410	35	N	1362.5	397955.58	6907191.35	1101	57177.72	99		0	57177.72
1124844	26/08/2016	185510	35	N	1375	397965.06	6907200.47	1104	57276.53	99		0	57276.53
1124844	26/08/2016	185554	35	N	1387.5	397973.62	6907210.15	1108	57277.85	99		0	57277.85
1124844	26/08/2016	185630	35	N	1400	397983.59	6907219.41	1107	56999.69	99		0	56999.69
1124844	26/08/2016	185730	35	N	1412.5	397989.65	6907229.33	1110	57023.06	99		0	57023.06
1124844	26/08/2016	185818	35	N	1425	397995.94	6907244.41	1115	57002.99	99		0	57002.99
1124844	26/08/2016	185858	35	N	1437.5	398000.51	6907253.28	1115	57122.43	99		0	57122.43
1124844	26/08/2016	185950	35	N	1450	398010.24	6907262.8	1115	57091.14	99		0	57091.14
1124844	26/08/2016	190034	35	N	1462.5	398015.63	6907270.22	1117	57012.86	99		0	57012.86
1124844	26/08/2016	190110	35	N	1475	398022.8	6907278.83	1116	56850.94	99		0	56850.94
1124844	26/08/2016	190314	35	N	1487.5	398031.42	6907290.78	1121	56811.76	99		0	56811.76
1124844	26/08/2016	190410	35	N	1500	398038.33	6907300.78	1121	56857.59	99		0	56857.59
1124844	26/08/2016	190438	35	N	1512.5	398043.25	6907311.38	1124	57003.43	99		0	57003.43
1124844	26/08/2016	190514	35	N	1525	398050.34	6907321.06	1119	57238.61	99		0	57238.61
1124844	26/08/2016	190554	35	N	1537.5	398059.25	6907331.52	1122	57097.77	99		0	57097.77
1124844	26/08/2016	190646	35	N	1550	398064.61	6907343	1122	57203.47	99		0	57203.47
1124844	26/08/2016	190926	35	N	1562.5	398072.06	6907351.87	1122	57149.09	79		0	57149.09
1124844	26/08/2016	191010	35	N	1575	398079.9	6907362.13	1121	56903.33	99		0	56903.33
1124844	26/08/2016	191042	35	N	1587.5	398087.67	6907370.68	1119	56950.04	99		0	56950.04
1124844	26/08/2016	191130	35	N	1600	398093.65	6907383.26	1118	56899.3	99		0	56899.30
1124844	26/08/2016	191218	35	N	1612.5	398098.88	6907394.6	1119	57057.39	99		0	57057.39
1124844	26/08/2016	191254	35	N	1625	398106.95	6907405.07	1119	57073.83	69		2	
1124844	26/08/2016	191310	35	N	1625	398106.88	6907403.17	1118	57030.09	99	Better fit	0	57030.09
1124844	26/08/2016	191354	35	N	1637.5	398117.34	6907417.66	1120	57012.07	99		0	57012.07
1124844	26/08/2016	191438	35	N	1650	398124.73	6907424.23	1118	56985.68	99		0	56985.68
1124844	26/08/2016	191514	35	N	1662.5	398130.16	6907433.6	1119	57002.23	89		0	57002.23
1124844	26/08/2016	191546	35	N	1675	398139.44	6907441.38	1113	56936.88	89		0	56936.88
1124844	26/08/2016	191622	35	N	1687.5	398145.81	6907451.92	1112	56779.92	99		0	56779.92
1124844	26/08/2016	191706	35	N	1700	398148.84	6907460.5	1111	56950.33	99	</		

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	26/08/2016	193706	35	N	2050	398345.8	6907740.4	1058	56872.16	99		0	56872.16
1124844	26/08/2016	193742	35	N	2062.5	398354.72	6907753.22	1054	56832.4	99		0	56832.40
1124844	26/08/2016	193826	35	N	2075	398360.84	6907764.44	1052	56763.27	79		0	56763.27
1124844	26/08/2016	193906	35	N	2087.5	398367.3	6907771.19	1051	56780.97	99		0	56780.97
1124844	26/08/2016	193942	35	N	2100	398374.72	6907779.99	1052	56761.55	99		0	56761.55
1124844	26/08/2016	194014	35	N	2112.5	398379.66	6907791.24	1053	56801.75	99		0	56801.75
1124844	26/08/2016	194050	35	N	2125	398385.45	6907800.71	1054	56784.02	99		0	56784.02
1124844	26/08/2016	194126	35	N	2137.5	398394.88	6907809.64	1053	56795.71	99		0	56795.71
1124844	26/08/2016	194202	35	N	2150	398402.92	6907820.01	1052	56792.31	99		0	56792.31
1124844	26/08/2016	194234	35	N	2162.5	398408.61	6907829.62	1053	56778.74	99		0	56778.74
1124844	26/08/2016	194302	35	N	2175	398416.09	6907841.01	1051	56835.39	99		0	56835.39
1124844	26/08/2016	194338	35	N	2187.5	398424.46	6907853.21	1050	56880.45	89		0	56880.45
1124844	26/08/2016	194418	35	N	2200	398428.5	6907865.68	1048	56811.67	99		0	56811.67
1124844	26/08/2016	194446	35	N	2212.5	398436.5	6907872.7	1047	56747.27	99		0	56747.27
1124844	26/08/2016	194526	35	N	2225	398442.75	6907882.76	1046	56772.42	79		0	56772.42
1124844	26/08/2016	194558	35	N	2237.5	398453.04	6907892.5	1044	56759.38	99		0	56759.38
1124844	26/08/2016	194626	35	N	2250	398457.51	6907901.91	1044	56706.76	99		0	56706.76
1124844	26/08/2016	194654	35	N	2262.5	398464.84	6907912.03	1042	56770.35	99		0	56770.35
1124844	26/08/2016	194722	35	N	2275	398472.28	6907920.57	1040	56782.36	99		0	56782.36
1124844	26/08/2016	194754	35	N	2287.5	398479.31	6907931.22	1038	56836.61	99		0	56836.61
1124844	26/08/2016	194826	35	N	2300	398487.17	6907941.98	1038	56813.77	99		0	56813.77
1124844	26/08/2016	194858	35	N	2312.5	398490.79	6907953.7	1037	56815.08	99		0	56815.08
1124844	26/08/2016	194934	35	N	2325	398497.98	6907963.04	1032	56785.56	69		0	56785.56
1124844	26/08/2016	195026	35	N	2337.5	398506.59	6907972.53	1029	56780.6	99		0	56780.60
1124844	26/08/2016	195058	35	N	2350	398514.35	6907981.67	1028	56783.39	69		1	
1124844	26/08/2016	195118	35	N	2350	398515.13	6907981.8	1028	56782.17	99	best signal	0	56782.17
1124844	26/08/2016	195158	35	N	2362.5	398521.33	6907991.59	1024	56808.46	99		0	56808.46
1124844	26/08/2016	195238	35	N	2375	398525.96	6908001.82	1019	56830.7	79		1	
1124844	26/08/2016	195258	35	N	2375	398525.81	6908002.36	1019	56811.9	79		1	
1124844	26/08/2016	195314	35	N	2375	398525.77	6908002.38	1019	56786.58	99		0	56786.58
1124844	26/08/2016	195330	35	N	2375	398525.74	6908002.39	1019	56781.53	99		2	
8042728	26/08/2016	234846	37	N	0.00	397360.47	6905972.93	1187.00	56842.62	99		0	56842.62
8042728	26/08/2016	234902	37	N	0.00	397360.24	6905973.11	1187.00	56845.15	99		1	
8042728	26/08/2016	235006	37	N	0.00	397358.58	6905976.44	1181.00	56769.86	99		2	
8042728	26/08/2016	234754	37	N	12.50	397365.63	6905988.13	1183.00	56735.67	79		2	
8042728	26/08/2016	234810	37	N	12.50	397365.41	6905988.07	1183.00	56786.42	99		0	56786.42
8042728	26/08/2016	234722	37	N	25.00	397368.95	6905997.96	1186.00	56987.15	79		0	56987.15
8042728	26/08/2016	234654	37	N	37.50	397373.32	6906008.21	1186.00	56896.76	89		0	56896.76
8042728	26/08/2016	234610	37	N	50.00	397380.48	6906020.81	1186.00	56807.46	99		0	56807.46
8042728	26/08/2016	234542	37	N	62.50	397386.60	6906028.57	1189.00	56880.56	99		0	56880.56
8042728	26/08/2016	234450	37	N	75.00	397396.24	6906039.12	1192.00	56851.76	99		0	56851.76
8042728	26/08/2016	234418	37	N	87.50	397405.55	6906049.34	1194.00	56816.14	99		0	56816.14
8042728	26/08/2016	234346	37	N	100.00	397413.09	6906059.96	1194.00	56882.5	99		0	56882.50
8042728	26/08/2016	234310	37	N	112.50	397418.94	6906069.92	1196.00	56883.47	99		0	56883.47
8042728	26/08/2016	234242	37	N	125.00	397424.60	6906079.87	1197.00	56845.86	99		0	56845.86
8042728	26/08/2016	234158	37	N	137.50	397430.91	6906085.47	1199.00	56855.42	99		0	56855.42
8042728	26/08/2016	234122	37	N	150.00	397440.41	6906099.82	1202.00	56840	99		0	56840.00
8042728	26/08/2016	234042	37	N	162.50	397447.35	6906108.19	1203.00	56829.9	89		0	56829.90
8042728	26/08/2016	234002	37	N	175.00	397454.63	6906120.23	1206.00	56883.86	59		0	56883.86
8042728	26/08/2016	233930	37	N	187.50	397461.04	6906129.07	1209.00	56931.35	99		0	56931.35
8042728	26/08/2016	233902	37	N	200.00	397467.70	6906138.14	1212.00	56959.93	99		0	56959.93
8042728	26/08/2016	233830	37	N	212.50	397475.04	6906147.29	1216.00	57010.39	99		0	57010.39
8042728	26/08/2016	233754	37	N	225.00	397482.01	6906159.06	1219.00	56954.64	89		0	56954.64
8042728	26/08/2016	233722	37	N	237.50	397489.45	6906167.29	1221.00	57001.87	99		0	57001.87
8042728	26/08/2016	233650	37	N	250.00	397495.38	6906176.66	1223.00	57063.06	59		0	57063.06
8042728	26/08/2016	233614	37	N	262.50	397501.73	6906189.51	1224.00	57079.26	69		0	57079.26
8042728	26/08/2016	233546	37	N	275.00	397510.85	6906196.42	1226.00	56885.32	79		0	56885.32
8042728	26/08/2016	233502	37	N	287.50	397517.82	6906204.63	1229.00	57004.24	99		0	57004.24
8042728	26/08/2016	233434	37	N	300.00	397524.92	6906215.65	1230.00	56891.87	59		0	56891.87
8042728	26/08/2016	233358	37	N	312.50	397532.94	6906227.39	1230.00	56906.31	99		0	56906.31
8042728	26/08/2016	233302	37	N	325.00	397539.13	6906235.65	1231.00	56782.65	79		0	56782.65
8042728	26/08/2016	233222	37	N	325.00	397538.88	6906235.67	1231.00	56745.49	89		2	
8042728	26/08/2016	233226	37	N	337.50	397546.60	6906245.58	1231.00	56860.05	99		0	56860.05
8042728	26/08/2016	233134	37	N	350.00	397553.95	6906255.82	1231.00	56884.4	99		0	56884.40
8042728	26/08/2016	233058	37	N	362.50	397561.92	6906266.32	1231.00	56871.22	99		0	56871.22
8042728	26/08/2016	233018	37	N	375.00	397571.45	6906278.78	1231.00	56866.25	99		0	56866.25
8042728	26/08/2016	232938	37	N	387.50	397576.80	6906287.73	1231.00	56737.63	99		0	56737.63
8042728	26/08/2016	232846	37	N	400.00	397582.99	6906299.45	1232.00	56843.46	99		0	56843.46
8042728	26/08/2016	232810	37	N	412.50	397589.25	6906309.17	1232.00	56850.79	69		0	56850.79
8042728	26/08/2016	232734	37	N	425.00	397596.68	6906320.70	1231.00	56883.53	99		0	56883.53
8042728	26/08/2016	232658	37	N	437.50	397603.74	6906331.51	1231.00	56814.81	99		0	56814.81
8042728	26/08/2016	232618	37	N	450.00	397609.26	6906340.77	1230.00	56762.8	99		0	56762.80
8042728	26/08/2016	232550	37	N	462.50	397615.49	6906347.67	1230.00	56928.1	99		0	56928.10
8042728	26/08/2016	232450	37	N	475.00	397621.80	6906358.97	1230.00	56865.71	99		0	56865.71
8042728	26/08/2016	232406	37	N	487.50	397630.54	6906372.04	1229.00	56998.11	69		0	56998.11
8042728	26/08/2016	232330	37	N	500.00	397638.12	6906382.98	1229.00	56917.8	89		0	56917.80
8042728	26/08/2016	232254	37	N	512.50	397644.56	6906392.80	1228.00	57016.91	99		0	57016.91
8042728	26/08/2016	232110	37	N	525.00	397651.87	6906404.76	1227.00	56931.78	99		0	56931.78
8042728	26/08/2016	232034	37	N	537.50	397658.98	6906414.87	1227.00	57009.91	89		0	57009.91
8042728	26/08/2016	231950	37	N	550.00	397665.39	6906423.75	1226.00	56864.8	99		0	56864.80
8042728	26/08/2016	231914	37	N	562.50	397671.26	6906434.30	1226.00	56981.85	79		0	56981.85
8042728	26/08/2016	231834	37	N	575.00	397676.84	6906444.16	1224.00	56870.93	99		0	56870.93
8042728	26/08/2016	231758	37	N	587.50	397681.16	6906453.98	1224.00					

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	26/08/2016	225510	37	N	950.00	397882.37	6906739.40	1187.00	57052.36	99		0	57052.36
8042728	26/08/2016	225430	37	N	962.50	397889.62	6906749.18	1185.00	57083.86	99		0	57083.86
8042728	26/08/2016	225354	37	N	975.00	397896.43	6906760.54	1183.00	57093.35	99		0	57093.35
8042728	26/08/2016	225254	37	N	987.50	397901.36	6906771.78	1180.00	57010.52	99		0	57010.52
8042728	26/08/2016	225210	37	N	1000.00	397905.98	6906782.30	1177.00	56945.01	99		0	56945.01
8042728	26/08/2016	224954	37	N	1012.50	397914.97	6906792.84	1175.00	56951.2	89		0	56951.20
8042728	26/08/2016	224910	37	N	1025.00	397921.64	6906801.62	1173.00	56966.54	99		0	56966.54
8042728	26/08/2016	224826	37	N	1037.50	397929.12	6906811.38	1170.00	56971.02	79		0	56971.02
8042728	26/08/2016	224738	37	N	1050.00	397935.91	6906821.09	1167.00	56991.48	99		0	56991.48
8042728	26/08/2016	224634	37	N	1062.50	397943.20	6906831.81	1164.00	57135.22	99		0	57135.22
8042728	26/08/2016	224538	37	N	1075.00	397951.35	6906840.75	1160.00	57143.47	79		0	57143.47
8042728	26/08/2016	224458	37	N	1087.50	397957.74	6906849.44	1157.00	57260.55	99		0	57260.55
8042728	26/08/2016	224418	37	N	1100.00	397965.91	6906860.18	1154.00	57139.7	99		0	57139.70
8042728	26/08/2016	224338	37	N	1112.50	397972.24	6906868.35	1151.00	56893.5	39		0	56893.50
8042728	26/08/2016	224254	37	N	1125.00	397979.91	6906878.22	1147.00	56816.11	59		0	56816.11
8042728	26/08/2016	224158	37	N	1137.50	397988.06	6906888.29	1144.00	56990.66	99		0	56990.66
8042728	26/08/2016	224118	37	N	1150.00	397994.81	6906897.65	1141.00	56959.42	99		0	56959.42
8042728	26/08/2016	224030	37	N	1162.50	398003.34	6906906.97	1139.00	56767.65	69		0	56767.65
8042728	26/08/2016	223950	37	N	1175.00	398008.42	6906918.09	1135.00	56814.33	99		0	56814.33
8042728	26/08/2016	223754	37	N	1187.50	398012.92	6906928.90	1131.00	56684.59	89		0	56684.59
8042728	26/08/2016	223714	37	N	1200.00	398015.81	6906938.80	1128.00	56657.3	99		0	56657.30
8042728	26/08/2016	221546	37	N	1212.50	398021.85	6906950.44	1129.00	56816.28	99		0	56816.28
8042728	26/08/2016	221634	37	N	1212.50	398021.43	6906949.61	1127.00	56890.18	99		2	
8042728	26/08/2016	221822	37	N	1212.50	398021.08	6906949.15	1123.00	56825.37	99		2	
8042728	26/08/2016	221958	37	N	1212.50	398021.62	6906949.50	1126.00	56819.51	99		1	
8042728	26/08/2016	222046	37	N	1212.50	398022.04	6906949.35	1125.00	56823.86	99		1	
8042728	26/08/2016	222234	37	N	1212.50	398021.53	6906949.05	1123.00	56812.84	99		2	
8042728	26/08/2016	222418	37	N	1212.50	398021.10	6906949.11	1126.00	56845.57	99		2	
8042728	26/08/2016	222554	37	N	1212.50	398021.01	6906948.42	1124.00	56827.18	99		2	
8042728	26/08/2016	223558	37	N	1212.50	398021.05	6906949.08	1125.00	56779.3	89		2	
8042728	26/08/2016	221438	37	N	1225.00	398030.06	6906961.87	1127.00	56891.9	99		0	56891.90
8042728	26/08/2016	221338	37	N	1237.50	398038.77	6906974.39	1127.00	56943.97	99		0	56943.97
8042728	26/08/2016	221250	37	N	1250.00	398044.25	6906980.89	1126.00	56995.18	99		0	56995.18
8042728	26/08/2016	221154	37	N	1262.50	398049.94	6906987.58	1121.00	56947.36	99		0	56947.36
8042728	26/08/2016	221042	37	N	1275.00	398058.69	6906998.68	1117.00	56990.85	99		0	56990.85
8042728	26/08/2016	220954	37	N	1287.50	398065.16	6907005.60	1101.00	56883.83	99		0	56883.83
8042728	26/08/2016	220846	37	N	1300.00	398076.65	6907011.96	1106.00	56845.39	99		0	56845.39
8042728	26/08/2016	220754	37	N	1312.50	398082.89	6907020.95	1104.00	56918.65	99		0	56918.65
8042728	26/08/2016	220710	37	N	1325.00	398090.53	6907031.75	1101.00	56898.13	99		0	56898.13
8042728	26/08/2016	220630	37	N	1337.50	398096.08	6907040.59	1099.00	56846.36	99		0	56846.36
8042728	26/08/2016	220538	37	N	1350.00	398100.91	6907050.98	1097.00	57026.29	79		0	57026.29
8042728	26/08/2016	220438	37	N	1362.50	398104.81	6907061.77	1094.00	56866.77	99		0	56866.77
8042728	26/08/2016	220358	37	N	1375.00	398112.11	6907070.64	1092.00	56869.22	99		0	56869.22
8042728	26/08/2016	220318	37	N	1387.50	398119.74	6907080.13	1090.00	56863.6	99		0	56863.60
8042728	26/08/2016	220218	37	N	1400.00	398127.68	6907091.41	1088.00	56669.39	69		0	56669.39
8042728	26/08/2016	220142	37	N	1412.50	398135.45	6907101.64	1087.00	56692.67	79		0	56692.67
8042728	26/08/2016	220102	37	N	1425.00	398142.27	6907111.52	1083.00	56721.8	79		0	56721.80
8042728	26/08/2016	220010	37	N	1437.50	398147.94	6907122.52	1083.00	56780.51	89		0	56780.51
8042728	26/08/2016	215914	37	N	1450.00	398155.25	6907134.49	1084.00	56887.82	99		0	56887.82
8042728	26/08/2016	215834	37	N	1462.50	398161.25	6907142.78	1080.00	56853.02	99		0	56853.02
8042728	26/08/2016	215746	37	N	1475.00	398168.42	6907152.85	1079.00	56709.95	99		0	56709.95
8042728	26/08/2016	215654	37	N	1487.50	398176.10	6907163.10	1076.00	56655.9	99		0	56655.90
8042728	26/08/2016	215610	37	N	1500.00	398183.39	6907173.84	1078.00	56590.01	49		0	56590.01
8042728	26/08/2016	215514	37	N	1512.50	398187.79	6907179.97	1079.00	56650.77	99		0	56650.77
8042728	26/08/2016	215434	37	N	1525.00	398195.06	6907191.66	1079.00	56700.43	59		0	56700.43
8042728	26/08/2016	215358	37	N	1537.50	398203.50	6907201.37	1081.00	56687.13	79		0	56687.13
8042728	26/08/2016	215318	37	N	1550.00	398209.85	6907211.17	1082.00	56705.85	59		0	56705.85
8042728	26/08/2016	215334	37	N	1550.00	398210.00	6907210.44	1082.00	56701.21	59		1	
8042728	26/08/2016	215222	37	N	1562.50	398217.23	6907224.34	1081.00	56733.65	99		0	56733.65
8042728	26/08/2016	215134	37	N	1575.00	398224.30	6907233.34	1081.00	56651.14	69		0	56651.14
8042728	26/08/2016	215058	37	N	1587.50	398234.79	6907242.41	1084.00	56792.63	79		0	56792.63
8042728	26/08/2016	215022	37	N	1600.00	398241.96	6907250.05	1083.00	56918.48	79		0	56918.48
8042728	26/08/2016	214841	37	N	1612.50	398248.21	6907261.30	1087.00	-271.59	0	Lost Receiver	9	
8042728	26/08/2016	214857	37	N	1612.50	398248.55	6907261.18	1087.00	-271.71	0	Lost Receiver	9	
8042728	26/08/2016	214922	37	N	1612.50	398248.80	6907260.88	1084.00	57090.03	99		0	57090.03
8042728	26/08/2016	214938	37	N	1612.50	398248.86	6907260.33	1083.00	57088.49	99		1	
8042728	26/08/2016	214514	37	N	1625.00	398253.76	6907270.06	1084.00	57086.5	99		0	57086.50
8042728	26/08/2016	214546	37	N	1625.00	398257.12	6907268.69	1080.00	57015.94	29		2	
8042728	26/08/2016	214422	37	N	1637.50	398260.78	6907283.11	1084.00	56943.65	99		0	56943.65
8042728	26/08/2016	214342	37	N	1650.00	398265.64	6907293.14	1085.00	56790.13	99		0	56790.13
8042728	26/08/2016	214246	37	N	1662.50	398275.28	6907302.83	1086.00	56678.29	49		2	
8042728	26/08/2016	214302	37	N	1662.50	398274.57	6907303.04	1084.00	56786.51	99		0	56786.51
8042728	26/08/2016	214206	37	N	1675.00	398283.04	6907311.37	1088.00	56690.77	99		0	56690.77
8042728	26/08/2016	214122	37	N	1687.50	398287.78	6907323.41	1084.00	56797.85	89		0	56797.85
8042728	26/08/2016	214026	37	N	1700.00	398294.20	6907329.22	1082.00	56805.32	99		0	56805.32
8042728	26/08/2016	213938	37	N	1712.50	398301.39	6907340.93	1080.00	56807.21	99		0	56807.21
8042728	26/08/2016	213850	37	N	1725.00	398308.22	6907351.94	1082.00	56731.23	99		0	56731.23
8042728	26/08/2016	213802	37	N	1737.50	398316.36	6907362.31	1079.00	56826.74	99		0	56826.74
8042728	26/08/2016	213718	37	N	1750.00	398322.49	6907372.30	1082.00	56844.47	89		0	56844.47
8042728	26/08/2016	213630	37	N	1762.50	398330.43	6907383.03	1083.00	56867.17	99		0	56867.17
8042728	26/08/2016	213546	37	N	1775.00	398334.78	6907388.52	1082.00	56763.93	79		0	56763.93
8042728	26/08/2016	213454	37	N	1787.50	398341.58							

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	26/08/2016	211038	37	N	2112.50	398523.65	6907663.95	1045.00	56809.71	99		0	56809.71
8042728	26/08/2016	210946	37	N	2125.00	398528.50	6907674.99	1042.00	56759.71	99		0	56759.71
8042728	26/08/2016	210854	37	N	2137.50	398536.69	6907685.43	1040.00	56714.94	99		0	56714.94
8042728	26/08/2016	210746	37	N	2150.00	398543.55	6907694.45	1039.00	56719.15	99		0	56719.15
8042728	26/08/2016	210650	37	N	2162.50	398549.44	6907705.05	1033.00	56688.36	99		0	56688.36
8042728	26/08/2016	210606	37	N	2175.00	398553.35	6907716.35	1032.00	56779.14	99		0	56779.14
8042728	26/08/2016	210454	37	N	2187.50	398560.56	6907725.05	1031.00	56958.63	49		2	
8042728	26/08/2016	210510	37	N	2187.50	398560.87	6907725.51	1031.00	56809.36	99		0	56809.36
8042728	26/08/2016	210350	37	N	2200.00	398569.50	6907734.30	1027.00	56762.84	99		0	56762.84
8042728	26/08/2016	210314	37	N	2212.50	398574.08	6907740.01	1026.00	56750.35	99		0	56750.35
8042728	26/08/2016	210226	37	N	2225.00	398582.66	6907752.39	1024.00	56770.13	99		0	56770.13
8042728	26/08/2016	210142	37	N	2237.50	398592.90	6907763.91	1021.00	56718.78	99		0	56718.78
8042728	26/08/2016	210050	37	N	2250.00	398600.48	6907773.67	1020.00	56718.7	99		0	56718.7
8042728	26/08/2016	210006	37	N	2262.50	398607.01	6907784.04	1018.00	56742.66	99		0	56742.66
8042728	26/08/2016	205910	37	N	2275.00	398615.75	6907794.36	1017.00	56751.92	99		0	56751.92
8042728	26/08/2016	205806	37	N	2287.50	398623.97	6907806.60	1018.00	56757.73	99		0	56757.73
8042728	26/08/2016	205714	37	N	2300.00	398629.10	6907812.60	1014.00	56685.16	99		0	56685.16
8042728	26/08/2016	205638	37	N	2312.50	398636.18	6907820.54	1013.00	56760.78	99		0	56760.78
8042728	26/08/2016	205454	37	N	2325.00	398643.26	6907832.99	1010.00	56761.32	99		0	56761.32
8042728	26/08/2016	205330	37	N	2337.50	398651.38	6907841.70	1010.00	56758.4	69		1	
8042728	26/08/2016	205350	37	N	2337.50	398650.68	6907841.79	1009.00	56755.68	89		0	56755.68
8042728	26/08/2016	205246	37	N	2350.00	398656.81	6907849.68	1009.00	56731.08	99		0	56731.08
8042728	26/08/2016	205134	37	N	2362.50	398664.72	6907858.24	1007.00	56699.16	99		0	56699.16
8042728	26/08/2016	205042	37	N	2375.00	398672.14	6907869.48	1006.00	56705.68	99		0	56705.68
8042728	26/08/2016	204942	37	N	2387.50	398682.39	6907884.02	1003.00	56718.63	99		0	56718.63
8042728	26/08/2016	204754	37	N	2400.00	398688.91	6907893.79	1001.00	56736.04	99		0	56736.04
8042728	26/08/2016	204830	37	N	2400.00	398688.81	6907894.24	1000.00	56731.84	99		1	
8042728	26/08/2016	204846	37	N	2400.00	398688.59	6907893.90	1000.00	56730.58	99		1	
1124844	26/08/2016	234614	39	N	0.00	397521.82	6905872.92	1194.00	56881.47	99		0	56881.47
1124844	26/08/2016	234630	39	N	0.00	397522.05	6905872.84	1195.00	56876.35	99		1	
1124844	26/08/2016	234530	39	N	12.50	397531.18	6905883.68	1195.00	56945.03	99		0	56945.03
1124844	26/08/2016	234458	39	N	25.00	397538.11	6905893.65	1199.00	56960.53	99		0	56960.53
1124844	26/08/2016	234410	39	N	37.50	397545.70	6905904.48	1201.00	56972.7	99		0	56972.70
1124844	26/08/2016	234334	39	N	50.00	397550.90	6905913.59	1203.00	56983.6	99		0	56983.60
1124844	26/08/2016	234254	39	N	62.50	397555.55	6905924.90	1204.00	57016.24	99		0	57016.24
1124844	26/08/2016	234222	39	N	75.00	397562.94	6905932.35	1206.00	57045.25	99		0	57045.25
1124844	26/08/2016	234150	39	N	87.50	397573.03	6905940.72	1210.00	56973.42	99		0	56973.42
1124844	26/08/2016	234118	39	N	100.00	397578.72	6905949.95	1211.00	56981.61	99		0	56981.61
1124844	26/08/2016	234050	39	N	112.50	397585.66	6905958.32	1213.00	56947.32	99		0	56947.32
1124844	26/08/2016	234014	39	N	125.00	397592.18	6905967.93	1215.00	56887.51	99		0	56887.51
1124844	26/08/2016	233930	39	N	137.50	397599.48	6905980.25	1218.00	56927.01	99		0	56927.01
1124844	26/08/2016	233854	39	N	150.00	397605.76	6905989.93	1220.00	57009.17	99		0	57009.17
1124844	26/08/2016	233814	39	N	162.50	397616.26	6906001.16	1222.00	56997.06	99		0	56997.06
1124844	26/08/2016	233738	39	N	175.00	397621.13	6906013.13	1224.00	56973.11	99		0	56973.11
1124844	26/08/2016	233706	39	N	187.50	397628.56	6906022.84	1225.00	56928.79	99		0	56928.79
1124844	26/08/2016	233638	39	N	200.00	397635.19	6906031.45	1226.00	57015.53	99		0	57015.53
1124844	26/08/2016	233602	39	N	212.50	397641.10	6906041.74	1227.00	56941.97	99		0	56941.97
1124844	26/08/2016	233514	39	N	225.00	397649.12	6906052.72	1229.00	57085.96	99		0	57085.96
1124844	26/08/2016	233434	39	N	237.50	397658.39	6906064.61	1232.00	56998.51	99		0	56998.51
1124844	26/08/2016	233402	39	N	250.00	397666.89	6906073.32	1233.00	57062.01	99		0	57062.01
1124844	26/08/2016	233330	39	N	262.50	397675.31	6906083.30	1235.00	57011.08	99		0	57011.08
1124844	26/08/2016	233258	39	N	275.00	397682.38	6906094.13	1236.00	56948.56	99		0	56948.56
1124844	26/08/2016	233222	39	N	287.50	397689.43	6906104.90	1237.00	56965.83	99		0	56965.83
1124844	26/08/2016	233154	39	N	300.00	397694.93	6906114.60	1240.00	56903.88	99		0	56903.88
1124844	26/08/2016	233110	39	N	312.50	397701.31	6906126.73	1241.00	56805.44	99		0	56805.44
1124844	26/08/2016	233042	39	N	325.00	397707.59	6906137.72	1243.00	57041.5	99		0	57041.50
1124844	26/08/2016	233010	39	N	337.50	397715.83	6906148.00	1244.00	57011.41	99		0	57011.41
1124844	26/08/2016	232942	39	N	350.00	397721.24	6906158.36	1245.00	56983.32	99		0	56983.32
1124844	26/08/2016	232906	39	N	362.50	397729.05	6906166.97	1246.00	56960.36	99		0	56960.36
1124844	26/08/2016	232834	39	N	375.00	397736.80	6906179.96	1246.00	56840.06	99		0	56840.06
1124844	26/08/2016	232802	39	N	387.50	397746.50	6906190.51	1248.00	56764.23	99		0	56764.23
1124844	26/08/2016	232738	39	N	400.00	397753.13	6906200.25	1248.00	56811.3	99		0	56811.30
1124844	26/08/2016	232650	39	N	412.50	397760.36	6906210.24	1249.00	56913.66	59		2	
1124844	26/08/2016	232710	39	N	412.50	397760.09	6906210.09	1249.00	56881.63	99	better data fit	0	56881.63
1124844	26/08/2016	232554	39	N	425.00	397765.55	6906219.31	1250.00	56879.71	99		0	56879.71
1124844	26/08/2016	232518	39	N	437.50	397775.82	6906233.12	1250.00	56855.56	99		0	56855.56
1124844	26/08/2016	232446	39	N	450.00	397783.63	6906242.05	1250.00	56912.48	99		0	56912.48
1124844	26/08/2016	232418	39	N	462.50	397791.50	6906252.68	1250.00	57041.86	89		0	57041.86
1124844	26/08/2016	232346	39	N	475.00	397799.10	6906262.56	1250.00	57011.66	99		0	57011.66
1124844	26/08/2016	232314	39	N	487.50	397806.98	6906274.09	1250.00	57011.78	99		0	57011.78
1124844	26/08/2016	232246	39	N	500.00	397814.97	6906284.96	1250.00	56946.48	99		0	56946.48
1124844	26/08/2016	232058	39	N	512.50	397821.83	6906294.92	1250.00	57096	99		0	57096.00
1124844	26/08/2016	232010	39	N	525.00	397829.13	6906306.06	1250.00	56774.72	99		0	56774.72
1124844	26/08/2016	231934	39	N	537.50	397836.30	6906317.40	1249.00	56810.42	99		0	56810.42
1124844	26/08/2016	231854	39	N	550.00	397841.89	6906328.65	1248.00	56946.29	99		0	56946.29
1124844	26/08/2016	231818	39	N	562.50	397851.40	6906337.95	1247.00	57060.36	99		0	57060.36
1124844	26/08/2016	231742	39	N	575.00	397858.47	6906349.07	1247.00	56954.66	99		0	56954.66
1124844	26/08/2016	231710	39	N	587.50	397867.28	6906358.94	1246.00	57002.01	99		0	57002.01
1124844	26/08/2016	231642	39	N	600.00	397874.89	6906369.31	1245.00	56964.27	99		0	56964.27
1124844	26/08/2016	231554	39	N	612.50	397883.55	6906380.53	1244.00	56893.9	99		0	56893.90
1124844	26/08/2016	231522	39	N	625.00	397889.96	6906392.52	1243.00	56935.59	99		0	56935.59
1124844	26/08/2016	231442	39	N	637.50								

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	26/08/2016	225330	39	N	1000.00	398109.45	6906703.52	1173.00	56816.3	99		0	56816.30
1124844	26/08/2016	225258	39	N	1012.50	398115.40	6906714.03	1171.00	56874.9	99		0	56874.90
1124844	26/08/2016	225210	39	N	1025.00	398121.82	6906724.06	1166.00	56971.28	99		0	56971.28
1124844	26/08/2016	225130	39	N	1037.50	398129.37	6906734.81	1163.00	56965.81	99		0	56965.81
1124844	26/08/2016	225046	39	N	1050.00	398136.08	6906745.19	1159.00	56998.94	99		0	56998.94
1124844	26/08/2016	224942	39	N	1062.50	398144.00	6906757.46	1154.00	56850.93	99		0	56850.93
1124844	26/08/2016	224858	39	N	1075.00	398153.01	6906769.01	1150.00	56911.86	99		0	56911.86
1124844	26/08/2016	224342	39	N	1087.50	398163.74	6906785.26	1145.00	56820.42	99		0	56820.42
1124844	26/08/2016	224238	39	N	1100.00	398170.95	6906795.01	1141.00	57057.99	99		0	57057.99
1124844	26/08/2016	224142	39	N	1112.50	398178.97	6906805.40	1137.00	56912.64	99		0	56912.64
1124844	26/08/2016	224038	39	N	1125.00	398185.00	6906815.15	1133.00	56743.97	99		0	56743.97
1124844	26/08/2016	223958	39	N	1137.50	398193.68	6906824.26	1131.00	56664.66	99		0	56664.66
1124844	26/08/2016	223918	39	N	1150.00	398199.94	6906833.60	1128.00	56828.77	99		0	56828.77
1124844	26/08/2016	223742	39	N	1162.50	398206.24	6906842.64	1125.00	57031.51	49	bad point	9	
1124844	26/08/2016	223802	39	N	1162.50	398206.29	6906842.66	1125.00	56971.7	99		0	56971.70
1124844	26/08/2016	221618	39	N	1175.00	398213.63	6906855.25	1128.00	56978.34	99		0	56978.34
1124844	26/08/2016	223254	39	N	1175.00	0.00	0.00	0.00	57042.03	49	Missing GPS Points	9	
1124844	26/08/2016	223330	39	N	1175.00	0.00	0.00	0.00	57103.19	29	Missing GPS Points	9	
1124844	26/08/2016	223350	39	N	1175.00	398212.62	6906851.81	1116.00	57102.43	29		1	
1124844	26/08/2016	223446	39	N	1175.00	398212.76	6906850.33	1116.00	57044.71	79	best data point	0	57044.71
1124844	26/08/2016	221518	39	N	1187.50	398219.15	6906863.55	1121.00	57003.05	99		0	57003.05
1124844	26/08/2016	221438	39	N	1200.00	398226.14	6906870.74	1118.00	57005.52	99		0	57005.52
1124844	26/08/2016	221350	39	N	1212.50	398230.73	6906882.22	1117.00	56977.44	99		0	56977.44
1124844	26/08/2016	221254	39	N	1225.00	398235.62	6906891.69	1109.00	57187.54	99		0	57187.54
1124844	26/08/2016	221102	39	N	1237.50	398241.46	6906900.00	1111.00	57210.05	99		0	57210.05
1124844	26/08/2016	220950	39	N	1250.00	398245.94	6906909.52	1106.00	56927.02	99		0	56927.02
1124844	26/08/2016	220902	39	N	1262.50	398250.77	6906918.73	1104.00	56818.94	99		0	56818.94
1124844	26/08/2016	220822	39	N	1275.00	398261.77	6906926.02	1099.00	56745.95	99		0	56745.95
1124844	26/08/2016	220750	39	N	1287.50	398267.71	6906934.65	1097.00	56934.02	99		0	56934.02
1124844	26/08/2016	220642	39	N	1300.00	398274.80	6906945.68	1096.00	56895.3	99		0	56895.30
1124844	26/08/2016	220550	39	N	1312.50	398279.83	6906958.62	1093.00	56795.04	99		0	56795.04
1124844	26/08/2016	220502	39	N	1325.00	398286.37	6906966.78	1091.00	56811.92	99		0	56811.92
1124844	26/08/2016	220250	39	N	1337.50	398297.43	6906981.81	1088.00	56623.49	99		0	56623.49
1124844	26/08/2016	220158	39	N	1350.00	398305.13	6906987.91	1083.00	56685.28	99		0	56685.28
1124844	26/08/2016	220102	39	N	1362.50	398311.15	6906996.63	1081.00	56662.36	99		0	56662.36
1124844	26/08/2016	215954	39	N	1375.00	398317.46	6907006.53	1079.00	56844.1	99		0	56844.10
1124844	26/08/2016	215858	39	N	1387.50	398323.60	6907018.94	1077.00	56856.04	99		0	56856.04
1124844	26/08/2016	215810	39	N	1400.00	398329.52	6907026.62	1074.00	56914.87	99		0	56914.87
1124844	26/08/2016	215718	39	N	1412.50	398342.18	6907032.17	1070.00	56828.78	99		0	56828.78
1124844	26/08/2016	215510	39	N	1425.00	398348.86	6907044.07	1072.00	56884.59	99		0	56884.59
1124844	26/08/2016	215418	39	N	1437.50	398353.45	6907052.24	1068.00	56909.33	99		0	56909.33
1124844	26/08/2016	215302	39	N	1450.00	398357.27	6907064.85	1067.00	56886.55	99		0	56886.55
1124844	26/08/2016	215158	39	N	1462.50	398366.57	6907075.78	1065.00	56774	99		0	56774.00
1124844	26/08/2016	215122	39	N	1475.00	398371.76	6907084.67	1064.00	56789.89	99		0	56789.89
1124844	26/08/2016	215030	39	N	1487.50	398377.42	6907096.93	1062.00	56825.01	99		0	56825.01
1124844	26/08/2016	214954	39	N	1500.00	398384.97	6907106.53	1061.00	56815.65	99		0	56815.65
1124844	26/08/2016	214910	39	N	1512.50	398391.97	6907116.54	1060.00	56825.4	99		0	56825.40
1124844	26/08/2016	214830	39	N	1525.00	398401.39	6907125.37	1060.00	56807.87	99		0	56807.87
1124844	26/08/2016	214606	39	N	1537.50	398409.09	6907137.26	1058.00	56705.45	99		0	56705.45
1124844	26/08/2016	214454	39	N	1550.00	398412.86	6907147.60	1058.00	56723.97	99		0	56723.97
1124844	26/08/2016	214422	39	N	1562.50	398420.55	6907156.32	1058.00	56756.95	99		0	56756.95
1124844	26/08/2016	214342	39	N	1575.00	398428.32	6907166.57	1058.00	56698.22	99		0	56698.22
1124844	26/08/2016	214306	39	N	1587.50	398437.81	6907176.61	1058.00	56973.19	99		0	56973.19
1124844	26/08/2016	214238	39	N	1600.00	398444.18	6907186.83	1058.00	56960.24	99		0	56960.24
1124844	26/08/2016	214206	39	N	1612.50	398450.05	6907197.24	1059.00	56768.17	99		0	56768.17
1124844	26/08/2016	214010	39	N	1625.00	398454.39	6907208.38	1059.00	56716.4	99		0	56716.40
1124844	26/08/2016	213938	39	N	1637.50	398461.20	6907220.08	1059.00	56712.57	99		0	56712.57
1124844	26/08/2016	213906	39	N	1650.00	398469.02	6907228.58	1060.00	56983.73	99		0	56983.73
1124844	26/08/2016	213834	39	N	1662.50	398474.00	6907240.68	1061.00	57173.62	99		0	57173.62
1124844	26/08/2016	213802	39	N	1675.00	398483.73	6907249.18	1062.00	56881.66	99		0	56881.66
1124844	26/08/2016	213710	39	N	1687.50	398493.56	6907258.35	1062.00	57207.89	79		2	
1124844	26/08/2016	213730	39	N	1687.50	398492.88	6907257.34	1061.00	57188.39	99	better signal	0	57188.39
1124844	26/08/2016	213634	39	N	1700.00	398501.78	6907264.96	1061.00	56938.22	99		0	56938.22
1124844	26/08/2016	213554	39	N	1712.50	398510.47	6907277.29	1062.00	56776.12	99		0	56776.12
1124844	26/08/2016	213506	39	N	1725.00	398516.34	6907289.34	1062.00	56760.46	99		0	56760.46
1124844	26/08/2016	213430	39	N	1737.50	398520.81	6907300.80	1062.00	56703.1	99		0	56703.10
1124844	26/08/2016	213358	39	N	1750.00	398528.36	6907310.02	1062.00	56762.22	99		0	56762.22
1124844	26/08/2016	213322	39	N	1762.50	398535.80	6907320.41	1062.00	56832.36	99		0	56832.36
1124844	26/08/2016	213254	39	N	1775.00	398543.69	6907330.68	1063.00	56806.33	99		0	56806.33
1124844	26/08/2016	213222	39	N	1787.50	398550.48	6907340.32	1063.00	56873.59	99		0	56873.59
1124844	26/08/2016	213154	39	N	1800.00	398557.52	6907350.40	1064.00	56958	99		0	56958.00
1124844	26/08/2016	213122	39	N	1812.50	398563.85	6907360.68	1064.00	57058.59	99		0	57058.59
1124844	26/08/2016	213010	39	N	1825.00	398570.64	6907372.34	1066.00	57258.19	99		0	57258.19
1124844	26/08/2016	212942	39	N	1837.50	398577.85	6907381.48	1067.00	57339.13	99		0	57339.13
1124844	26/08/2016	212842	39	N	1850.00	398584.86	6907390.22	1066.00	57362.74	69		1	
1124844	26/08/2016	212906	39	N	1850.00	398584.93	6907390.16	1066.00	57368.89	99	better signal	0	57368.89
1124844	26/08/2016	212806	39	N	1862.50	398594.19	6907402.59	1067.00	57322.47	99		0	57322.47
1124844	26/08/2016	212710	39	N	1875.00	398601.38	6907412.52	1068.00	57457.28	99		1	
1124844	26/08/2016	212730	39	N	1875.00	398601.37	6907412.77	1068.00	57439.42	99	better data fit	0	57439.42
1124844	26/08/2016	212638	39	N	1887.50	398606.17	6907420.55	1069.00	57055.88	99		0	57055.88
1124844	26/08/2016	212558	39	N	1900	398614.46	6907431.49	1070	57235.54	99		0	57235.54
1124844	26/08/2												

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	26/08/2016	210306	39	N	2287.5	398835.75	6907745.52	1032	56767.86	99		0	56767.86
1124844	26/08/2016	210210	39	N	2300	398842.71	6907753.84	1028	56762.75	99		0	56762.75
1124844	26/08/2016	210054	39	N	2312.5	398847.82	6907762.68	1026	56734.36	99		0	56734.36
1124844	26/08/2016	205930	39	N	2325	398855.18	6907774.56	1023	56776.61	99		2	
1124844	26/08/2016	205950	39	N	2325	398855.15	6907774.2	1023	56761.92	99	better fit	0	56761.92
1124844	26/08/2016	210006	39	N	2325	398855.25	6907774.13	1023	56762.66	99		1	
8042728	27/08/2016	173402	41	N	0.00	397686.06	6905757.42	1203.00	56908.79	69	best data fit	0	56908.79
8042728	27/08/2016	173418	41	N	0.00	397686.03	6905757.39	1203.00	56877.91	89		2	
8042728	27/08/2016	173434	41	N	0.00	397685.80	6905757.27	1204.00	56881.41	79		1	
8042728	27/08/2016	173542	41	N	12.50	397694.20	6905767.99	1204.00	56968.53	99		0	56968.53
8042728	27/08/2016	173610	41	N	12.50	397694.46	6905767.50	1204.00	56966.01	99		1	
8042728	27/08/2016	173654	41	N	25.00	397701.02	6905777.84	1206.00	56799.86	99		0	56799.86
8042728	27/08/2016	173938	41	N	37.50	397707.92	6905788.48	1209.00	56886.68	99		0	56886.68
8042728	27/08/2016	174022	41	N	50.00	397715.21	6905797.17	1209.00	56910.41	99		0	56910.41
8042728	27/08/2016	174110	41	N	62.50	397723.03	6905806.44	1212.00	57016.75	89		0	57016.75
8042728	27/08/2016	174206	41	N	75.00	397731.10	6905818.40	1214.00	57040.91	99		0	57040.91
8042728	27/08/2016	174250	41	N	87.50	397738.76	6905829.34	1216.00	56969.14	79	better GPS signal	0	56969.14
8042728	27/08/2016	174306	41	N	87.50	397738.72	6905829.13	1216.00	56968.4	69		1	
8042728	27/08/2016	174350	41	N	100.00	397745.59	6905838.51	1217.00	56942.4	99		0	56942.40
8042728	27/08/2016	174434	41	N	112.50	397751.88	6905847.46	1219.00	56865.11	79		0	56865.11
8042728	27/08/2016	174522	41	N	125.00	397757.26	6905857.89	1219.00	56902.08	99		0	56902.08
8042728	27/08/2016	174610	41	N	137.50	397764.18	6905869.96	1222.00	56958.58	59		2	
8042728	27/08/2016	174634	41	N	137.50	397763.43	6905869.00	1225.00	56968.49	49		1	
8042728	27/08/2016	174654	41	N	137.50	397763.29	6905869.51	1223.00	56867.68	99		0	56867.68
8042728	27/08/2016	174818	41	N	150.00	397768.53	6905878.47	1224.00	56849.64	99		0	56849.64
8042728	27/08/2016	174930	41	N	162.50	397776.82	6905886.03	1226.00	56890.27	59		2	
8042728	27/08/2016	174946	41	N	162.50	397777.13	6905886.30	1226.00	56855.6	89	better data	0	56855.60
8042728	27/08/2016	175034	41	N	175.00	397783.50	6905895.96	1227.00	56868.42	89		0	56868.42
8042728	27/08/2016	175118	41	N	187.50	397790.35	6905906.24	1228.00	56928.09	89		0	56928.09
8042728	27/08/2016	175158	41	N	200.00	397798.67	6905918.69	1231.00	56982.56	79		0	56982.56
8042728	27/08/2016	175234	41	N	212.50	397805.87	6905926.48	1232.00	56868.87	59		1	
8042728	27/08/2016	175250	41	N	212.50	397806.38	6905926.85	1232.00	56857.77	39		2	
8042728	27/08/2016	175310	41	N	212.50	397806.13	6905926.76	1232.00	56858.16	89	better GPS signal	0	56858.16
8042728	27/08/2016	175342	41	N	225.00	397811.56	6905936.59	1234.00	56991.37	99		0	56991.37
8042728	27/08/2016	175422	41	N	237.50	397818.08	6905948.27	1234.00	57182.81	99		0	57182.81
8042728	27/08/2016	175534	41	N	250.00	397827.76	6905958.19	1236.00	57194.86	79		0	57194.86
8042728	27/08/2016	175614	41	N	262.50	397835.53	6905967.21	1237.00	57105.21	99		0	57105.21
8042728	27/08/2016	175710	41	N	275.00	397840.90	6905978.47	1241.00	56941.28	69		0	56941.28
8042728	27/08/2016	175726	41	N	275.00	397841.04	6905978.77	1240.00	56939.21	69		1	
8042728	27/08/2016	175806	41	N	287.50	397847.43	6905987.23	1242.00	57065.98	79		0	57065.98
8042728	27/08/2016	175918	41	N	300.00	397855.01	6905995.95	1244.00	57040.96	79		0	57040.96
8042728	27/08/2016	180010	41	N	312.50	397860.13	6906006.49	1246.00	57062.19	99		0	57062.19
8042728	27/08/2016	180102	41	N	325.00	397866.55	6906016.93	1249.00	56928.09	69		0	56928.09
8042728	27/08/2016	180122	41	N	325.00	397866.53	6906017.01	1249.00	56959.43	59		2	
8042728	27/08/2016	180142	41	N	325.00	397865.95	6906016.63	1248.00	56994.98	99		2	
8042728	27/08/2016	180234	41	N	337.50	397874.26	6906030.00	1251.00	56943.1	69	better fit	0	56943.10
8042728	27/08/2016	180250	41	N	337.50	397874.22	6906029.85	1251.00	56930.23	69		2	
8042728	27/08/2016	180306	41	N	337.50	397874.47	6906030.15	1251.00	56968.67	79		2	
8042728	27/08/2016	180338	41	N	350.00	397880.54	6906037.87	1253.00	56912.37	99		0	56912.37
8042728	27/08/2016	180414	41	N	362.50	397887.20	6906047.18	1255.00	57312.72	79		0	57312.72
8042728	27/08/2016	180430	41	N	362.50	397886.94	6906046.89	1255.00	57320.94	79		1	
8042728	27/08/2016	180458	41	N	362.50	397886.93	6906047.09	1254.00	57317.89	69		1	
8042728	27/08/2016	180518	41	N	362.50	397886.48	6906047.01	1254.00	57334.91	79		2	
8042728	27/08/2016	180602	41	N	375.00	397895.21	6906057.22	1257.00	57583.8	59		9	
8042728	27/08/2016	180618	41	N	375.00	397895.04	6906056.98	1257.00	57249.85	49		2	
8042728	27/08/2016	180638	41	N	375.00	397894.37	6906056.85	1257.00	57441.93	99		0	57441.93
8042728	27/08/2016	180726	41	N	387.50	397903.41	6906068.07	1260.00	57301.39	89		0	57301.39
8042728	27/08/2016	180810	41	N	400.00	397910.31	6906075.88	1263.00	57201.75	79		0	57201.75
8042728	27/08/2016	180910	41	N	412.50	397918.16	6906085.64	1266.00	57089.01	79		0	57089.01
8042728	27/08/2016	180958	41	N	425.00	397925.37	6906093.95	1269.00	57000.04	59		2	
8042728	27/08/2016	181022	41	N	425.00	397925.27	6906093.92	1268.00	57047.74	89	better fit	0	57047.74
8042728	27/08/2016	181058	41	N	437.50	397933.22	6906105.70	1271.00	56666.01	69		0	56666.01
8042728	27/08/2016	181126	41	N	450.00	397940.33	6906115.43	1272.00	56893.29	49		2	
8042728	27/08/2016	181142	41	N	450.00	397940.21	6906115.18	1272.00	56830.88	29		1	
8042728	27/08/2016	181158	41	N	450.00	397939.74	6906114.39	1272.00	56658.73	89	best signal	0	56658.73
8042728	27/08/2016	181250	41	N	462.50	397946.61	6906124.46	1273.00	57285.79	69		0	57285.79
8042728	27/08/2016	181334	41	N	475.00	397954.12	6906137.17	1274.00	57292.04	59		2	
8042728	27/08/2016	181350	41	N	475.00	397953.75	6906137.14	1274.00	57285.51	59		1	
8042728	27/08/2016	181646	41	N	475.00	397960.76	6906147.43	1275.00	57026.07	89		0	57026.07
8042728	27/08/2016	181730	41	N	487.50	397969.24	6906156.86	1276.00	56931.17	79		0	56931.17
8042728	27/08/2016	181810	41	N	500.00	397977.54	6906166.62	1276.00	57085.73	69		0	57085.73
8042728	27/08/2016	181826	41	N	500.00	397977.46	6906166.44	1276.00	57133.81	69		2	
8042728	27/08/2016	181842	41	N	500.00	397977.11	6906166.29	1276.00	57089.59	69		2	
8042728	27/08/2016	181858	41	N	500.00	397977.19	6906166.55	1276.00	57094.83	49		1	
8042728	27/08/2016	181934	41	N	512.50	397985.77	6906177.18	1276.00	57229.56	59		0	57229.56
8042728	27/08/2016	182018	41	N	525.00	397992.97	6906185.90	1276.00	57164.79	49		1	
8042728	27/08/2016	182034	41	N	525.00	397992.67	6906185.64	1275.00	57088.54	89	best signal	0	57088.54
8042728	27/08/2016	182114	41	N	537.50	398000.43	6906195.99	1274.00	57151.82	59		2	
8042728	27/08/2016	182130	41	N	537.50	398000.23	6906195.47	1274.00	57070.26	99		1	
8042728	27/08/2016	182234	41	N	537.50	398000.32	6906196.21	1275.00	57093.02	99	best fit	0	57093.02
8042728	27/08/2016	182302	41	N	550.00	398008.00	6906204.87	1273.00	57096.78	59		0	57096.78
8042728	27/08/2016	182318	41	N	550.00	398007.91	6906205.44	1274.00	57097.23	49		1	
8042728	27/08/2016	182358	41	N	562.50	398015.92	6906216.70	1272.00	57067.86	49		0	57067.86
8042728	27/08/2016												

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	27/08/2016	184330	41	N	837.50	398174.27	6906445.02	1212.00	57164.62	99		0	57164.62
8042728	27/08/2016	184358	41	N	850.00	398179.94	6906453.53	1210.00	57047.04	99		0	57047.04
8042728	27/08/2016	184430	41	N	862.50	398187.48	6906463.92	1206.00	57087.92	99		0	57087.92
8042728	27/08/2016	184506	41	N	875.00	398196.65	6906476.03	1202.00	56987.13	99		0	56987.13
8042728	27/08/2016	184538	41	N	887.50	398203.01	6906485.35	1200.00	57048.95	99		0	57048.95
8042728	27/08/2016	184622	41	N	900.00	398209.76	6906494.00	1196.00	57106.61	99		0	57106.61
8042728	27/08/2016	184654	41	N	912.50	398216.01	6906502.40	1194.00	57115.58	99		0	57115.58
8042728	27/08/2016	184726	41	N	925.00	398224.02	6906513.84	1189.00	57012.98	99		0	57012.98
8042728	27/08/2016	184802	41	N	937.50	398228.50	6906523.00	1187.00	57157.35	99		0	57157.35
8042728	27/08/2016	184838	41	N	950.00	398234.64	6906532.98	1185.00	57067.16	99		0	57067.16
8042728	27/08/2016	184914	41	N	962.50	398241.61	6906544.11	1181.00	57096.38	99		0	57096.38
8042728	27/08/2016	184950	41	N	975.00	398249.32	6906553.61	1178.00	57039.37	99		0	57039.37
8042728	27/08/2016	185034	41	N	987.50	398256.96	6906563.90	1175.00	56953.26	99		0	56953.26
8042728	27/08/2016	185110	41	N	1000.00	398263.39	6906573.06	1172.00	56954.99	99		0	56954.99
8042728	27/08/2016	185134	41	N	1012.50	398269.35	6906580.11	1170.00	57035.19	99		0	57035.19
8042728	27/08/2016	185218	41	N	1025.00	398277.05	6906593.16	1165.00	56910.03	99		0	56910.03
8042728	27/08/2016	185254	41	N	1037.50	398282.89	6906603.18	1163.00	56916.6	99		0	56916.60
8042728	27/08/2016	185334	41	N	1050.00	398291.89	6906613.88	1159.00	56905.24	99		0	56905.24
8042728	27/08/2016	185406	41	N	1062.50	398296.61	6906624.06	1156.00	56766.69	99		0	56766.69
8042728	27/08/2016	185438	41	N	1075.00	398303.72	6906632.72	1152.00	56807.55	99		0	56807.55
8042728	27/08/2016	185514	41	N	1087.50	398311.59	6906643.48	1150.00	56728.26	99		0	56728.26
8042728	27/08/2016	185550	41	N	1100.00	398318.62	6906651.36	1145.00	56600.93	99		0	56600.93
8042728	27/08/2016	185626	41	N	1112.50	398327.96	6906660.85	1143.00	56589.3	99		0	56589.30
8042728	27/08/2016	185706	41	N	1125.00	398333.74	6906669.58	1140.00	56795.98	99		0	56795.98
8042728	27/08/2016	185742	41	N	1137.50	398340.31	6906682.69	1141.00	56783.24	99		0	56783.24
8042728	27/08/2016	185818	41	N	1150.00	398344.57	6906688.30	1136.00	56912.93	99		0	56912.93
8042728	27/08/2016	185854	41	N	1162.50	398352.83	6906697.68	1131.00	57039.17	99		0	57039.17
8042728	27/08/2016	185926	41	N	1175.00	398359.15	6906706.86	1128.00	56883.62	99		0	56883.62
8042728	27/08/2016	190002	41	N	1187.50	398366.90	6906717.07	1127.00	56996.34	99		0	56996.34
8042728	27/08/2016	190038	41	N	1200.00	398373.25	6906728.95	1123.00	57141.15	99		0	57141.15
8042728	27/08/2016	190122	41	N	1212.50	398382.07	6906741.35	1122.00	57096.8	99		0	57096.80
8042728	27/08/2016	190238	41	N	1225.00	398388.45	6906752.51	1119.00	56929.91	99		0	56929.91
8042728	27/08/2016	190314	41	N	1237.50	398392.41	6906761.26	1117.00	56930.65	79		0	56930.65
8042728	27/08/2016	190350	41	N	1250.00	398401.28	6906772.57	1113.00	56836.21	99		0	56836.21
8042728	27/08/2016	190430	41	N	1262.50	398406.58	6906781.92	1110.00	56852.7	99		0	56852.70
8042728	27/08/2016	190510	41	N	1275.00	398414.41	6906794.61	1106.00	56819.74	99		0	56819.74
8042728	27/08/2016	190550	41	N	1287.50	398420.44	6906805.88	1106.00	56785.64	99		0	56785.64
8042728	27/08/2016	190630	41	N	1300.00	398429.06	6906814.86	1102.00	56771.76	99		0	56771.76
8042728	27/08/2016	190710	41	N	1312.50	398437.43	6906823.38	1099.00	56821.79	99		0	56821.79
8042728	27/08/2016	190742	41	N	1325.00	398444.34	6906831.34	1097.00	56724.79	89		0	56724.79
8042728	27/08/2016	190822	41	N	1337.50	398449.83	6906838.74	1096.00	56792.86	99		0	56792.86
8042728	27/08/2016	190910	41	N	1350.00	398457.53	6906850.28	1090.00	56875.91	99		0	56875.91
8042728	27/08/2016	190942	41	N	1362.50	398463.12	6906859.33	1091.00	56697.36	99		0	56697.36
8042728	27/08/2016	191018	41	N	1375.00	398472.19	6906866.60	1087.00	56870.38	99		0	56870.38
8042728	27/08/2016	191050	41	N	1387.50	398475.06	6906877.83	1086.00	57040.66	49		9	
8042728	27/08/2016	191110	41	N	1387.50	398475.07	6906877.85	1086.00	56970	99		2	
8042728	27/08/2016	191138	41	N	1387.50	398474.88	6906878.06	1086.00	56958.41	99		1	
8042728	27/08/2016	191154	41	N	1387.50	398474.70	6906878.25	1087.00	56958.89	99		0	56958.89
8042728	27/08/2016	191258	41	N	1400.00	398485.37	6906891.27	1081.00	56847.67	99		0	56847.67
8042728	27/08/2016	191326	41	N	1412.50	398491.21	6906896.96	1080.00	56703.98	99		0	56703.98
8042728	27/08/2016	191402	41	N	1425.00	398496.21	6906909.10	1078.00	56778.96	99		0	56778.96
8042728	27/08/2016	191430	41	N	1437.50	398502.09	6906920.05	1080.00	56919.46	89		0	56919.46
8042728	27/08/2016	191506	41	N	1450.00	398507.45	6906930.06	1072.00	56934.74	99		0	56934.74
8042728	27/08/2016	191602	41	N	1462.50	398519.62	6906939.68	1071.00	57050.86	99		0	57050.86
8042728	27/08/2016	191646	41	N	1475.00	398528.51	6906945.18	1067.00	57014.71	99		0	57014.71
8042728	27/08/2016	191934	41	N	1487.50	398531.15	6906949.55	1065.00	57040.39	99	Accidental, Delete	9	
8042728	27/08/2016	192038	41	N	1487.50	398537.90	6906960.51	1063.00	57194.51	89		0	57194.51
8042728	27/08/2016	192114	41	N	1500.00	398541.43	6906970.61	1059.00	57187.73	79		0	57187.73
8042728	27/08/2016	192150	41	N	1512.50	398549.21	6906981.26	1056.00	56951.98	99		0	56951.98
8042728	27/08/2016	192234	41	N	1525.00	398554.33	6906991.80	1052.00	57002.85	59		2	
8042728	27/08/2016	192250	41	N	1525.00	398553.67	6906994.42	1057.00	56861.8	99		0	56861.80
8042728	27/08/2016	192330	41	N	1537.50	398561.43	6907004.46	1049.00	56828.72	99		0	56828.72
8042728	27/08/2016	192406	41	N	1550.00	398569.94	6907011.59	1046.00	56829.58	99		0	56829.58
8042728	27/08/2016	192438	41	N	1562.50	398575.24	6907019.23	1045.00	56811.12	69		0	56811.12
8042728	27/08/2016	192510	41	N	1575.00	398582.48	6907029.38	1040.00	56750.5	69		0	56750.50
8042728	27/08/2016	192554	41	N	1587.50	398590.28	6907038.04	1040.00	56831.27	69		1	
8042728	27/08/2016	192614	41	N	1587.50	398590.17	6907038.35	1040.00	56824.76	99		0	56824.76
8042728	27/08/2016	192706	41	N	1600.00	398597.80	6907048.79	1041.00	56734.98	79		0	56734.98
8042728	27/08/2016	192810	41	N	1612.50	398606.28	6907059.23	1043.00	56926.43	49		2	
8042728	27/08/2016	192826	41	N	1612.50	398605.91	6907059.30	1044.00	56843.76	99	better data	0	56843.76
8042728	27/08/2016	192914	41	N	1625.00	398611.42	6907067.61	1045.00	56752.62	99		0	56752.62
8042728	27/08/2016	193002	41	N	1637.50	398616.88	6907077.74	1050.00	56924.11	79		0	56924.11
8042728	27/08/2016	193046	41	N	1650.00	398619.68	6907087.79	1051.00	56952.61	99		0	56952.61
8042728	27/08/2016	193154	41	N	1662.50	398628.96	6907099.47	1059.00	56917.47	99		0	56917.47
8042728	27/08/2016	193242	41	N	1675.00	398637.34	6907109.36	1063.00	57015.71	99		0	57015.71
8042728	27/08/2016	193322	41	N	1687.50	398641.93	6907122.20	1069.00	57128.04	99		0	57128.04
8042728	27/08/2016	193410	41	N	1700.00	398647.31	6907130.68	1062.00	57072.72	99		0	57072.72
8042728	27/08/2016	193454	41	N	1712.50	398653.16	6907138.53	1064.00	56751.29	99		0	56751.29
8042728	27/08/2016	193534	41	N	1725.00	398660.76	6907149.97	1064.00	56772.18	89		0	56772.18
8042728	27/08/2016	193614	41	N	1737.50	398668.56	6907158.35	1063.00	56710.48	99		0	56710.48
8042728	27/08/2016	193838	41	N	1750.00	398677.22	6907165.42	1067.00	56817.86	99		0	56817.86
8042728													

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	27/08/2016	195646	41	N	2100.00	398875.25	6907446.35	1078.00	56787.85	99		0	56787.85
8042728	27/08/2016	195714	41	N	2112.50	398882.90	6907454.78	1078.00	56724.53	99		0	56724.53
8042728	27/08/2016	195746	41	N	2125.00	398891.60	6907468.72	1078.00	56725.34	99		0	56725.34
8042728	27/08/2016	195818	41	N	2137.50	398900.54	6907477.28	1077.00	56755.86	99		0	56755.86
8042728	27/08/2016	195854	41	N	2150.00	398905.63	6907488.12	1075.00	56767.22	99		0	56767.22
8042728	27/08/2016	195926	41	N	2162.50	398912.71	6907500.02	1075.00	56752.12	97		0	56752.12
8042728	27/08/2016	200002	41	N	2175.00	398918.16	6907509.39	1072.00	56755.95	99		0	56755.95
8042728	27/08/2016	200034	41	N	2187.50	398925.59	6907518.91	1071.00	56825.2	39	bad signal	9	
8042728	27/08/2016	200054	41	N	2187.50	398925.87	6907519.28	1072.00	56748.79	99		0	56748.79
8042728	27/08/2016	200126	41	N	2200.00	398933.22	6907527.66	1071.00	56777.49	99		0	56777.49
8042728	27/08/2016	200202	41	N	2212.50	398941.03	6907538.57	1069.00	56814.4	99		0	56814.40
8042728	27/08/2016	200230	41	N	2225.00	398947.86	6907545.59	1067.00	56799.37	79		0	56799.37
8042728	27/08/2016	200302	41	N	2237.50	398955.84	6907556.62	1065.00	56836.09	99		0	56836.09
8042728	27/08/2016	200334	41	N	2250.00	398963.03	6907566.41	1063.00	56857.83	69		0	56857.83
8042728	27/08/2016	200402	41	N	2262.50	398969.69	6907576.26	1059.00	56869.82	99		0	56869.82
8042728	27/08/2016	200434	41	N	2275.00	398976.44	6907585.03	1056.00	56801.81	99		0	56801.81
8042728	27/08/2016	200506	41	N	2287.50	398982.44	6907594.71	1054.00	56784.75	79		0	56784.75
8042728	27/08/2016	200546	41	N	2300.00	398990.76	6907605.73	1051.00	56772.5	99		0	56772.50
8042728	27/08/2016	200618	41	N	2312.50	398996.59	6907614.87	1047.00	56782.7	99		0	56782.70
8042728	27/08/2016	200706	41	N	2325.00	399002.49	6907624.22	1042.00	56804.44	99		0	56804.44
8042728	27/08/2016	200746	41	N	2337.50	399008.45	6907634.23	1037.00	56812.91	99		0	56812.91
8042728	27/08/2016	200818	41	N	2350.00	399016.29	6907644.20	1032.00	56868.3	89		1	
8042728	27/08/2016	200834	41	N	2350.00	399016.30	6907644.32	1032.00	56885.61	79		2	
8042728	27/08/2016	200850	41	N	2350.00	399016.48	6907644.41	1032.00	56822.17	99	bes tsignal	0	56822.17
1124844	27/08/2016	173714	43	N	0	397850.8	6905642.38	1216	56859.21	99		0	56859.21
1124844	27/08/2016	173658	43	N	0	397850.9	6905642.31	1216	56869.64	99		2	
1124844	27/08/2016	173638	43	N	0	397851.14	6905642.03	1216	56896.24	39		2	
1124844	27/08/2016	173910	43	N	12.5	397858.52	6905652.94	1217	56881.69	99		0	56881.69
1124844	27/08/2016	173946	43	N	25	397864.97	6905664.19	1218	56898.46	99		0	56898.46
1124844	27/08/2016	174026	43	N	37.5	397872.44	6905672.9	1219	56939.08	99		0	56939.08
1124844	27/08/2016	174106	43	N	50	397880.43	6905682.16	1221	56926.28	99		0	56926.28
1124844	27/08/2016	174150	43	N	62.5	397888.06	6905693.07	1221	56891.06	99		0	56891.06
1124844	27/08/2016	174226	43	N	75	397894.43	6905704.45	1223	56895.29	99		0	56895.29
1124844	27/08/2016	174310	43	N	87.5	397901.97	6905713.19	1225	56947.3	99		0	56947.30
1124844	27/08/2016	174406	43	N	100	397909.05	6905724.05	1226	56974.83	99		0	56974.83
1124844	27/08/2016	174346	43	N	100	397908.74	6905723.88	1226	56998.59	69		2	
1124844	27/08/2016	174446	43	N	112.5	397917.13	6905733.88	1227	57028.52	99		0	57028.52
1124844	27/08/2016	174534	43	N	125	397925.35	6905744.2	1229	56981.51	99		0	56981.51
1124844	27/08/2016	174614	43	N	137.5	397928.69	6905755	1231	57131.99	99		0	57131.99
1124844	27/08/2016	174650	43	N	150	397936.96	6905764.69	1233	57194.54	99		0	57194.54
1124844	27/08/2016	174738	43	N	162.5	397944.67	6905774.72	1235	57250.71	99		0	57250.71
1124844	27/08/2016	174818	43	N	175	397952.98	6905783.26	1236	57214.41	99		0	57214.41
1124844	27/08/2016	174910	43	N	187.5	397959.55	6905793.74	1238	57244.94	99		0	57244.94
1124844	27/08/2016	174950	43	N	200	397966.49	6905803.12	1239	57104.72	99		0	57104.72
1124844	27/08/2016	175026	43	N	212.5	397973.49	6905812.94	1241	57245.83	99		0	57245.83
1124844	27/08/2016	175118	43	N	225	397982.66	6905822.86	1242	57296.55	89		0	57296.55
1124844	27/08/2016	175350	43	N	237.5	397990.71	6905831.26	1243	57345.64	99		0	57345.64
1124844	27/08/2016	175438	43	N	250	397997.98	6905842.24	1244	57348.99	99		0	57348.99
1124844	27/08/2016	175530	43	N	262.5	398006.05	6905852.75	1246	57204.91	99		0	57204.91
1124844	27/08/2016	175626	43	N	275	398010.02	6905864.2	1249	57261.95	99		0	57261.95
1124844	27/08/2016	175610	43	N	275	398010.12	6905864.16	1249	57290.23	69		2	
1124844	27/08/2016	175706	43	N	287.5	398016.99	6905875.92	1250	57256.64	99		2	
1124844	27/08/2016	1826	43	N	287.5	398017.51	6905878.49	1250	57233.01	99		0	57233.01
1124844	27/08/2016	175750	43	N	300	398022.53	6905886.01	1252	57205.46	99		0	57205.46
1124844	27/08/2016	1902	43	N	300	398024.1	6905888.88	1251	57203.3	99		1	
1124844	27/08/2016	175826	43	N	312.5	398030.48	6905896.44	1253	57123.18	99		0	57123.18
1124844	27/08/2016	1938	43	N	312.5	398032.18	6905898.76	1253	57030.03	99		2	
1124844	27/08/2016	175910	43	N	325	398037.77	6905908.33	1255	57101.05	99		0	57101.05
1124844	27/08/2016	2014	43	N	325	398038.38	6905908.8	1254	57096.24	99		1	
1124844	27/08/2016	175958	43	N	337.5	398046.25	6905917.64	1256	57248.46	99	Near Truck, could have influence.	1	
1124844	27/08/2016	2050	43	N	337.5	398046.2	6905918.88	1254	57233.21	99		0	57233.21
1124844	27/08/2016	180254	43	N	350	398052.52	6905929.86	1258	57318.02	99		0	57318.02
1124844	27/08/2016	2130	43	N	350	398052.47	6905929.92	1257	57318.52	99		1	
1124844	27/08/2016	180402	43	N	362.5	398058.34	6905938.26	1261	57281.75	99		0	57281.75
1124844	27/08/2016	2214	43	N	362.5	398059.48	6905938.76	1260	57229.54	99		2	
1124844	27/08/2016	180454	43	N	375	398065.88	6905948.93	1263	57256.84	99		0	57256.84
1124844	27/08/2016	2306	43	N	375	398066.34	6905948.71	1262	57214.62	99		2	
1124844	27/08/2016	180642	43	N	387.5	398075.04	6905960.99	1265	56955.85	99		0	56955.85
1124844	27/08/2016	2354	43	N	387.5	398073.98	6905957.98	1264	56996.33	99		2	
1124844	27/08/2016	180726	43	N	400	398079.71	6905969.55	1266	56820.35	99		0	56820.35
1124844	27/08/2016	180814	43	N	412.5	398086.19	6905979.87	1268	56339.19	99		0	56339.19
1124844	27/08/2016	180934	43	N	425	398094.19	6905990.42	1270	55061.39	99		0	55061.39
1124844	27/08/2016	180914	43	N	425	398094.33	6905990.34	1269	55081.08	59		2	
1124844	27/08/2016	180854	43	N	425	398094.44	6905989.9	1269	55074.37	59		1	
1124844	27/08/2016	181026	43	N	437.5	398103.16	6905999.81	1271	52105.74	99		0	52105.74
1124844	27/08/2016	181226	43	N	450	398118.65	6906003.1	1272	51843.99	59	Points Drift off to the East	1	
1124844	27/08/2016	181158	43	N	450	398115.77	6906005.81	1272	52424.27	99	Points Drift off to the East	0	52424.27
1124844	27/08/2016	181134	43	N	450	398112.42	6906008.4	1272	52926.02	99	Points Drift off to the East	2	
1124844	27/08/2016	181102	43	N	450	398110.74	6906009.62	1272	53951.84	99	Points Drift off to the East	2	
1124844	27/08/2016	181702	43	N	462.5	398116.24	6906021.33	1274	56254.07	99		0	56254.07
1124844	27/08/2016	181742	43	N	475	398124.14	6906032.12	1275	57177.56	99		0	57177.56
1124844	27/08/2016	181818	43	N	487.50	398130.64	6906042.46	1276.00	56770.74	99		0	56770.74
1124844	27/08/2016	181906	43	N	500.00	398138.17	6906053.76	1276.00	57141.26	99		0	57141.26
1124844	27/08/2016	181942	43	N	512.50	398146.10	6906064.39	1275.00	57179.97	99		0	57179.97
1124844	27/08/2016	18											

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	27/08/2016	183802	43	N	825.00	398329.97	6906312.61	1208.00	57063.81	99		0	57063.81
1124844	27/08/2016	183834	43	N	837.50	398337.17	6906322.66	1204.00	56971.59	99		0	56971.59
1124844	27/08/2016	183922	43	N	850.00	398343.26	6906331.66	1202.00	56966.13	79		0	56966.13
1124844	27/08/2016	183906	43	N	850.00	398343.21	6906331.81	1202.00	56967.38	79		1	
1124844	27/08/2016	183950	43	N	862.50	398349.28	6906341.64	1199.00	56962.91	99		0	56962.91
1124844	27/08/2016	184026	43	N	875.00	398356.82	6906353.59	1196.00	56966.39	99		0	56966.39
1124844	27/08/2016	184058	43	N	887.50	398363.56	6906362.84	1193.00	56988.31	99		0	56988.31
1124844	27/08/2016	184130	43	N	900.00	398370.81	6906372.08	1190.00	57012.88	99		0	57012.88
1124844	27/08/2016	184218	43	N	912.50	398377.16	6906383.00	1187.00	56986.33	99		0	56986.33
1124844	27/08/2016	184334	43	N	925.00	398384.02	6906393.78	1184.00	56967.66	99		0	56967.66
1124844	27/08/2016	184406	43	N	937.50	398390.11	6906402.32	1181.00	56965.43	99		0	56965.43
1124844	27/08/2016	184446	43	N	950.00	398398.33	6906413.19	1176.00	56948.87	99		0	56948.87
1124844	27/08/2016	184546	43	N	962.50	398403.26	6906421.91	1174.00	56813.56	99		0	56813.56
1124844	27/08/2016	184518	43	N	962.50	398403.58	6906422.13	1173.00	56838.25	79		2	
1124844	27/08/2016	184618	43	N	975.00	398410.91	6906432.28	1169.00	56797.09	99		0	56797.09
1124844	27/08/2016	184654	43	N	987.50	398417.53	6906442.36	1165.00	56756.29	99		0	56756.29
1124844	27/08/2016	184726	43	N	1000.00	398423.27	6906451.14	1162.00	56727.3	99		0	56727.30
1124844	27/08/2016	184838	43	N	1012.50	398430.98	6906460.52	1158.00	56768.42	79		0	56768.42
1124844	27/08/2016	184810	43	N	1012.50	398431.70	6906460.00	1157.00	56761.45	59		1	
1124844	27/08/2016	184934	43	N	1025.00	398438.62	6906470.21	1153.00	56757.31	99		0	56757.31
1124844	27/08/2016	184918	43	N	1025.00	398438.94	6906470.23	1153.00	56772.89	69		2	
1124844	27/08/2016	185058	43	N	1037.50	398444.36	6906481.03	1149.00	56728.67	99		0	56728.67
1124844	27/08/2016	185038	43	N	1037.50	398443.97	6906481.36	1148.00	56784.02	59		2	
1124844	27/08/2016	185014	43	N	1037.50	398444.13	6906481.63	1148.00	56767.29	59		2	
1124844	27/08/2016	185138	43	N	1050.00	398450.06	6906490.77	1144.00	56753.14	99		0	56753.14
1124844	27/08/2016	185214	43	N	1062.50	398455.64	6906501.51	1140.00	56789.87	99		0	56789.87
1124844	27/08/2016	185250	43	N	1075.00	398462.55	6906512.18	1137.00	56757.64	99		0	56757.64
1124844	27/08/2016	185322	43	N	1087.50	398470.39	6906520.61	1134.00	56708.38	99		0	56708.38
1124844	27/08/2016	185402	43	N	1100.00	398476.81	6906530.93	1130.00	56761.84	99		0	56761.84
1124844	27/08/2016	185518	43	N	1112.50	398481.19	6906540.99	1129.00	56875.21	99		0	56875.21
1124844	27/08/2016	185458	43	N	1112.50	398481.17	6906540.92	1129.00	56878.98	69		1	
1124844	27/08/2016	185434	43	N	1112.50	398481.22	6906540.67	1129.00	56877.29	69		1	
1124844	27/08/2016	185558	43	N	1125.00	398491.76	6906549.74	1125.00	56985.31	99		0	56985.31
1124844	27/08/2016	185658	43	N	1137.50	398498.20	6906560.06	1122.00	56989.29	99		0	56989.29
1124844	27/08/2016	185638	43	N	1137.50	398499.19	6906559.04	1121.00	57047.88	49		2	
1124844	27/08/2016	185730	43	N	1150.00	398507.96	6906568.44	1120.00	57052.58	99		0	57052.58
1124844	27/08/2016	185806	43	N	1162.50	398513.18	6906578.00	1118.00	57055.6	99		0	57055.60
1124844	27/08/2016	185838	43	N	1175.00	398519.35	6906589.03	1114.00	56963.43	99		0	56963.43
1124844	27/08/2016	185946	43	N	1187.50	398527.04	6906599.14	1110.00	56829.46	99		0	56829.46
1124844	27/08/2016	190054	43	N	1200.00	398533.81	6906608.47	1109.00	56833.88	99		0	56833.88
1124844	27/08/2016	190038	43	N	1200.00	398533.84	6906608.45	1108.00	56841.29	79		1	
1124844	27/08/2016	190018	43	N	1200.00	398533.96	6906608.37	1108.00	56848.25	69		1	
1124844	27/08/2016	190126	43	N	1212.50	398541.75	6906618.60	1105.00	56753.09	79		0	56753.09
1124844	27/08/2016	190226	43	N	1225.00	398548.83	6906630.20	1104.00	57011.28	99		0	57011.28
1124844	27/08/2016	190254	43	N	1237.50	398555.31	6906638.05	1101.00	57051.53	59		0	57051.53
1124844	27/08/2016	190326	43	N	1250.00	398562.31	6906648.39	1098.00	57028.61	89		0	57028.61
1124844	27/08/2016	190418	43	N	1262.50	398567.22	6906658.07	1094.00	56886.37	99		0	56886.37
1124844	27/08/2016	190358	43	N	1262.50	398566.90	6906658.49	1095.00	56885.81	79		1	
1124844	27/08/2016	190514	43	N	1275.00	398574.46	6906669.71	1090.00	57004.76	99		0	57004.76
1124844	27/08/2016	190454	43	N	1275.00	398574.47	6906668.96	1089.00	57017.46	69		2	
1124844	27/08/2016	190546	43	N	1287.50	398581.02	6906679.92	1087.00	56980.64	99		0	56980.64
1124844	27/08/2016	190622	43	N	1300.00	398588.01	6906689.33	1083.00	56971.34	99		0	56971.34
1124844	27/08/2016	190730	43	N	1312.50	398596.19	6906698.37	1081.00	57002.88	89		0	57002.88
1124844	27/08/2016	190658	43	N	1312.50	398596.33	6906698.44	1081.00	57010.97	69		1	
1124844	27/08/2016	190802	43	N	1325.00	398602.73	6906708.20	1077.00	56538.77	89		0	56538.77
1124844	27/08/2016	190902	43	N	1337.50	398609.79	6906717.59	1074.00	56664.27	99		0	56664.27
1124844	27/08/2016	190838	43	N	1337.50	398609.75	6906717.63	1074.00	56685.31	69		2	
1124844	27/08/2016	191018	43	N	1350.00	398617.84	6906727.31	1069.00	56616.83	99		0	56616.83
1124844	27/08/2016	190958	43	N	1350.00	398617.89	6906726.97	1070.00	56630.9	59		2	
1124844	27/08/2016	190938	43	N	1350.00	398617.92	6906726.77	1070.00	56640.36	99		1	
1124844	27/08/2016	191054	43	N	1362.50	398624.47	6906738.24	1064.00	56543.92	99		0	56543.92
1124844	27/08/2016	191126	43	N	1375.00	398629.51	6906747.70	1062.00	56589.58	99		0	56589.58
1124844	27/08/2016	191158	43	N	1387.50	398637.04	6906758.48	1061.00	56748.38	89		0	56748.38
1124844	27/08/2016	191234	43	N	1400.00	398644.06	6906767.24	1059.00	56765.87	99		0	56765.87
1124844	27/08/2016	191642	43	N	1412.50	398650.91	6906778.83	1057.00	56666.33	99		0	56666.33
1124844	27/08/2016	191718	43	N	1425.00	398658.85	6906790.13	1055.00	56675.56	99		0	56675.56
1124844	27/08/2016	191806	43	N	1437.50	398664.60	6906797.41	1051.00	56677.35	79		1	
1124844	27/08/2016	191750	43	N	1437.50	398664.45	6906798.13	1053.00	56667.56	79		0	56667.56
1124844	27/08/2016	191934	43	N	1450.00	398671.67	6906808.61	1050.00	56649.43	99		0	56649.43
1124844	27/08/2016	191842	43	N	1450.00	398671.83	6906808.37	1050.00	56738.45	59		2	
1124844	27/08/2016	192014	43	N	1462.50	398679.20	6906818.58	1047.00	56720.81	99		0	56720.81
1124844	27/08/2016	192058	43	N	1475.00	398688.24	6906827.96	1045.00	56718	99		0	56718.00
1124844	27/08/2016	192138	43	N	1487.50	398695.88	6906836.22	1041.00	56714.23	99		0	56714.23
1124844	27/08/2016	192222	43	N	1500.00	398702.80	6906845.00	1038.00	56788.76	99		0	56788.76
1124844	27/08/2016	192318	43	N	1512.50	398710.96	6906855.80	1036.00	56766.16	99		0	56766.16
1124844	27/08/2016	192434	43	N	1525.00	398717.32	6906866.68	1035.00	56819.71	99		0	56819.71
1124844	27/08/2016	192526	43	N	1537.50	398721.57	6906878.65	1034.00	56919.51	99		0	56919.51
1124844	27/08/2016	192646	43	N	1550.00	398725.91	6906888.21	1032.00	56824.9	99		0	56824.90
1124844	27/08/2016	192722	43	N	1562.50	398732.10	6906897.50	1031.00	57010.88	99		0	57010.88
1124844	27/08/2016	192758	43	N	1575.00	398739.73	6906907.27	1029.00	56826.12	99		0	56826.12
1124844	27/08/2016	192838	43	N	1587.50	398748.39	6906916.67	1025.00	56660	99		0	56660.00
1124844	27/08/2016	192914	43	N	1600.00	398755.39	6906927.09	1022.00	56584.03	99		0	

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	27/08/2016	195450	43	N	1975.00	398965.06	6907225.51	1062.00	56562.85	99		0	56562.85
1124844	27/08/2016	195526	43	N	1987.50	398972.62	6907235.64	1063.00	56584.73	99		0	56584.73
1124844	27/08/2016	195602	43	N	2000.00	398979.09	6907244.56	1064.00	56585.88	99		0	56585.88
1124844	27/08/2016	195634	43	N	2012.50	398989.30	6907253.67	1064.00	56671.51	99		0	56671.51
1124844	27/08/2016	195718	43	N	2025.00	398993.91	6907263.32	1061.00	56604.15	99		0	56604.15
1124844	27/08/2016	195750	43	N	2037.50	398998.85	6907272.82	1060.00	56610.79	99		0	56610.79
1124844	27/08/2016	195822	43	N	2050.00	399004.73	6907285.44	1061.00	56652.43	99		0	56652.43
1124844	27/08/2016	195902	43	N	2062.50	399011.31	6907297.08	1061.00	56625.62	99		0	56625.62
1124844	27/08/2016	195942	43	N	2075.00	399023.21	6907304.00	1058.00	56647.41	99		0	56647.41
1124844	27/08/2016	200022	43	N	2087.50	399030.60	6907316.61	1059.00	56641.44	99		0	56641.44
1124844	27/08/2016	200102	43	N	2100.00	399037.86	6907327.02	1058.00	56628.15	99		0	56628.15
1124844	27/08/2016	200134	43	N	2112.50	399042.87	6907336.08	1059.00	56636.9	99		0	56636.90
1124844	27/08/2016	200210	43	N	2125.00	399049.20	6907348.76	1059.00	56631.14	99		0	56631.14
1124844	27/08/2016	200246	43	N	2137.50	399055.78	6907356.04	1059.00	56647.15	99		0	56647.15
1124844	27/08/2016	200322	43	N	2150.00	399065.87	6907365.71	1059.00	56589.75	99		0	56589.75
1124844	27/08/2016	200354	43	N	2162.50	399074.12	6907374.91	1058.00	56957.36	99		0	56957.36
1124844	27/08/2016	200430	43	N	2175.00	399080.73	6907386.28	1057.00	56990.75	99		0	56990.75
1124844	27/08/2016	200510	43	N	2187.50	399088.92	6907396.39	1057.00	57034.51	99		0	57034.51
1124844	27/08/2016	200550	43	N	2200.00	399097.80	6907407.36	1056.00	56851.58	99		0	56851.58
1124844	27/08/2016	200622	43	N	2212.50	399101.76	6907418.05	1054.00	56782.86	99		0	56782.86
1124844	27/08/2016	200702	43	N	2225.00	399107.61	6907427.91	1052.00	56792.52	99		0	56792.52
1124844	27/08/2016	200734	43	N	2237.50	399114.23	6907439.09	1051.00	56931.86	99		0	56931.86
1124844	27/08/2016	200806	43	N	2250.00	399120.35	6907449.79	1049.00	56805.03	99		0	56805.03
1124844	27/08/2016	200838	43	N	2262.50	399127.46	6907460.53	1046.00	56681.52	99		0	56681.52
1124844	27/08/2016	200918	43	N	2275.00	399136.95	6907468.96	1046.00	56739.34	99		0	56739.34
1124844	27/08/2016	201010	43	N	2287.50	399145.06	6907478.43	1044.00	56792.15	99		0	56792.15
1124844	27/08/2016	201106	43	N	2300.00	399154.55	6907488.55	1041.00	56816.2	99		0	56816.20
1124844	27/08/2016	201134	43	N	2312.50	399158.16	6907495.16	1038.00	56852.09	99		0	56852.09
1124844	27/08/2016	201206	43	N	2325.00	399163.26	6907508.66	1037.00	56858.71	99		0	56858.71
1124844	27/08/2016	201302	43	N	2337.50	399172.00	6907518.35	1035.00	56903.85	99		0	56903.85
1124844	27/08/2016	201358	43	N	2350.00	399182.21	6907530.96	1031.00	56904.12	99		0	56904.12
1124844	27/08/2016	201514	43	N	2362.50	399191.36	6907542.31	1028.00	56887.75	99		1	
1124844	27/08/2016	201446	43	N	2362.50	399190.29	6907541.20	1028.00	56892.66	99		0	56892.66
1124844	27/08/2016	235534	45	N	0	398013	6905529.37	1243	57059.79	99		0	57059.79
1124844	27/08/2016	235458	45	N	12.5	398022.62	6905539.05	1243	57145.05	99		0	57145.05
1124844	27/08/2016	235426	45	N	25	398030.03	6905548.77	1243	57147.58	99		0	57147.58
1124844	27/08/2016	235350	45	N	37.5	398038.33	6905559.26	1241	57165.13	99		0	57165.13
1124844	27/08/2016	235318	45	N	50	398044.93	6905568.66	1241	57139.71	99		0	57139.71
1124844	27/08/2016	235250	45	N	62.5	398053.31	6905578.81	1240	57148.84	99		0	57148.84
1124844	27/08/2016	235218	45	N	75	398060.06	6905587.56	1241	57166.23	99		0	57166.23
1124844	27/08/2016	235142	45	N	87.5	398066.84	6905598.62	1240	57225.8	99		0	57225.80
1124844	27/08/2016	235106	45	N	100	398075.59	6905606.78	1240	57134.06	99		0	57134.06
1124844	27/08/2016	235026	45	N	112.5	398082.59	6905617.58	1241	57081.66	99		0	57081.66
1124844	27/08/2016	234942	45	N	125	398088.88	6905628.6	1242	57211.04	99		0	57211.04
1124844	27/08/2016	234902	45	N	137.5	398095.78	6905640.2	1242	57251.5	99		0	57251.50
1124844	27/08/2016	234818	45	N	150	398100.91	6905651.06	1242	57263.71	99		0	57263.71
1124844	27/08/2016	234726	45	N	162.5	398107.98	6905661.13	1243	57239.19	99		0	57239.19
1124844	27/08/2016	234650	45	N	175	398115.1	6905670.82	1243	57135.46	99		0	57135.46
1124844	27/08/2016	234614	45	N	187.5	398121.44	6905679.87	1243	57158.31	99		0	57158.31
1124844	27/08/2016	234538	45	N	200	398127.58	6905689.39	1244	56998.7	99		0	56998.70
1124844	27/08/2016	234434	45	N	212.5	398135.45	6905701.85	1245	56825.56	99		0	56825.56
1124844	27/08/2016	234358	45	N	225	398142.06	6905711.77	1245	56839.53	99		0	56839.53
1124844	27/08/2016	234322	45	N	237.5	398149.35	6905721.34	1245	56928.46	99		0	56928.46
1124844	27/08/2016	233718	45	N	250	398156.83	6905731.44	1245	57048.71	99		0	57048.71
1124844	27/08/2016	233630	45	N	262.5	398162.77	6905741.37	1245	56917.59	99		0	56917.59
1124844	27/08/2016	233554	45	N	275	398171.55	6905750.85	1246	56902.57	99		0	56902.57
1124844	27/08/2016	233518	45	N	287.5	398177.6	6905760.1	1246	56895.68	99		0	56895.68
1124844	27/08/2016	233430	45	N	300	398186.9	6905772.74	1248	56870.49	99		0	56870.49
1124844	27/08/2016	233350	45	N	312.5	398191.95	6905783.72	1248	57133.2	99		0	57133.20
1124844	27/08/2016	233318	45	N	325	398199.33	6905792.19	1249	57114.79	99		0	57114.79
1124844	27/08/2016	233242	45	N	337.5	398206.3	6905804.04	1249	57098.39	99		0	57098.39
1124844	27/08/2016	233206	45	N	350	398213.25	6905814.08	1250	57161.88	99		0	57161.88
1124844	27/08/2016	233034	45	N	362.5	398220.27	6905823.45	1251	57117.43	99		0	57117.43
1124844	27/08/2016	232950	45	N	375	398229.11	6905833.49	1251	57294.25	99		0	57294.25
1124844	27/08/2016	232914	45	N	387.5	398236.63	6905844.69	1250	57162.09	99		0	57162.09
1124844	27/08/2016	232842	45	N	400	398243.23	6905853.72	1249	57188.41	99		0	57188.41
1124844	27/08/2016	232810	45	N	412.5	398251.31	6905864.34	1248	57156.16	99		0	57156.16
1124844	27/08/2016	232730	45	N	425	398259.02	6905872.82	1247	57119.75	99		0	57119.75
1124844	27/08/2016	232554	45	N	437.5	398268.13	6905883.35	1245	56951.38	99		0	56951.38
1124844	27/08/2016	232514	45	N	450	398275.3	6905894.92	1242	56923.12	99		0	56923.12
1124844	27/08/2016	232438	45	N	462.5	398282.07	6905903.61	1240	57170.01	99		0	57170.01
1124844	27/08/2016	232402	45	N	475	398288.38	6905913.57	1238	57163.8	99		0	57163.80
1124844	27/08/2016	232326	45	N	487.5	398295.2	6905924.88	1237	57273.18	99		0	57273.18
1124844	27/08/2016	232250	45	N	500	398300.45	6905935.41	1235	57509.46	99		0	57509.46
1124844	27/08/2016	232206	45	N	512.5	398306.95	6905945.3	1235	57349.88	99		0	57349.88
1124844	27/08/2016	232126	45	N	525	398314.92	6905955.08	1234	57246.68	99		0	57246.68
1124844	27/08/2016	232038	45	N	537.5	398321.29	6905964.51	1232	57263.67	99		0	57263.67
1124844	27/08/2016	231842	45	N	550	398329.42	6905976.21	1230	57114.61	99		0	57114.61
1124844	27/08/2016	231730	45	N	562.5	398335.93	6905986.63	1228	57055.39	99		0	57055.39
1124844	27/08/2016	231650	45	N	575	398340.88	6905996.89	1228	57103.81	99		0	57103.81
1124844	27/08/2016	231606	45	N	587.5	398348.34	6906006.69	1226	57063.51	99		0	57063.51
1124844	27/08/2016	231526	45	N	600	398357.14	6906015.64	1224	57078.48	99		0	57078.48
1124844	27/08/2016	231414	45	N	612.5	398361.77	6906024.14	1223	57105.59	99			

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	27/08/2016	225014	45	N	975	398574.73	6906320.97	1159	56672.27	99		0	56672.27
1124844	27/08/2016	224930	45	N	987.5	398580.74	6906332.17	1157	56701.26	99		0	56701.26
1124844	27/08/2016	224846	45	N	1000	398586.92	6906342.91	1155	56764.7	99		0	56764.70
1124844	27/08/2016	224738	45	N	1012.5	398595.35	6906353.82	1155	56850.09	99		0	56850.09
1124844	27/08/2016	224654	45	N	1025	398602.08	6906363.8	1153	57061.63	99		0	57061.63
1124844	27/08/2016	224610	45	N	1037.5	398610.66	6906375.34	1151	57245.77	99		0	57245.77
1124844	27/08/2016	224518	45	N	1050	398619.5	6906384.07	1147	57045.23	99		0	57045.23
1124844	27/08/2016	224438	45	N	1062.5	398627.22	6906394.77	1146	57389.18	99		0	57389.18
1124844	27/08/2016	224402	45	N	1075	398634.36	6906404.76	1145	57255.95	99		0	57255.95
1124844	27/08/2016	224226	45	N	1087.5	398644.07	6906417.01	1142	57191.43	99		0	57191.43
1124844	27/08/2016	224150	45	N	1100	398650.48	6906427.03	1140	57227.84	99		0	57227.84
1124844	27/08/2016	224026	45	N	1112.5	398656.31	6906436.6	1137	57288.76	99		0	57288.76
1124844	27/08/2016	223938	45	N	1125	398665.54	6906449.15	1136	57238.71	99		0	57238.71
1124844	27/08/2016	223858	45	N	1137.5	398671.41	6906459.43	1133	57262.67	99		0	57262.67
1124844	27/08/2016	223814	45	N	1150	398678.59	6906468.48	1130	57085.66	99		0	57085.66
1124844	27/08/2016	223730	45	N	1162.5	398687.24	6906478.43	1127	57174.22	99		0	57174.22
1124844	27/08/2016	223646	45	N	1175	398693.81	6906491.22	1124	56890.93	99		0	56890.93
1124844	27/08/2016	223610	45	N	1187.5	398700.47	6906500.85	1120	56828.73	99		0	56828.73
1124844	27/08/2016	223522	45	N	1200	398707.2	6906510.58	1117	56940.4	99		0	56940.40
1124844	27/08/2016	223442	45	N	1212.5	398712.84	6906523.37	1115	56890.87	99		0	56890.87
1124844	27/08/2016	223402	45	N	1225	398717.95	6906532.23	1112	56957.72	99		0	56957.72
1124844	27/08/2016	223322	45	N	1237.5	398725.64	6906543.75	1110	56777.31	99		0	56777.31
1124844	27/08/2016	223238	45	N	1250	398735.7	6906552.33	1105	57134.3	99		0	57134.30
1124844	27/08/2016	223146	45	N	1262.5	398741.49	6906559.46	1104	57194.41	99		0	57194.41
1124844	27/08/2016	223046	45	N	1275	398750.81	6906570.77	1101	57224.81	99		0	57224.81
1124844	27/08/2016	223006	45	N	1287.5	398755.51	6906581.82	1099	57055.9	99		0	57055.90
1124844	27/08/2016	222914	45	N	1300	398761.25	6906592.26	1096	56889.02	99		0	56889.02
1124844	27/08/2016	222826	45	N	1312.5	398768.62	6906603.87	1093	57027.02	99		0	57027.02
1124844	27/08/2016	222714	45	N	1325	398773.67	6906612.89	1090	57071.41	99		0	57071.41
1124844	27/08/2016	222630	45	N	1337.5	398780.79	6906624.23	1087	57014.81	99		0	57014.81
1124844	27/08/2016	222550	45	N	1350	398787.05	6906634.79	1084	56822.58	99		0	56822.58
1124844	27/08/2016	222510	45	N	1362.5	398796.77	6906643.87	1082	56619.38	99		0	56619.38
1124844	27/08/2016	222434	45	N	1375	398804.08	6906653.72	1080	56763.1	99		0	56763.10
1124844	27/08/2016	222358	45	N	1387.5	398810.9	6906665	1077	56865.13	99		0	56865.13
1124844	27/08/2016	222322	45	N	1400	398817.83	6906674.54	1076	56703.55	99		0	56703.55
1124844	27/08/2016	222246	45	N	1412.5	398828.81	6906683.35	1072	56635.84	99		0	56635.84
1124844	27/08/2016	222214	45	N	1425	398832.75	6906693.76	1069	56662.71	99		0	56662.71
1124844	27/08/2016	222138	45	N	1437.5	398838.3	6906705.36	1067	56647.26	99		0	56647.26
1124844	27/08/2016	222054	45	N	1450	398845.69	6906714.53	1063	56648.82	99		0	56648.82
1124844	27/08/2016	222006	45	N	1462.5	398855.07	6906726.65	1062	56668.74	99		0	56668.74
1124844	27/08/2016	221926	45	N	1475	398861.32	6906735.13	1057	56652.47	99		0	56652.47
1124844	27/08/2016	221850	45	N	1487.5	398869.2	6906743.36	1057	56650.14	99		0	56650.14
1124844	27/08/2016	221802	45	N	1500	398877.17	6906754.8	1056	56656.05	99		0	56656.05
1124844	27/08/2016	221722	45	N	1512.5	398884.04	6906765.9	1055	56643.32	99		0	56643.32
1124844	27/08/2016	221646	45	N	1525	398891.06	6906775.53	1052	56593.73	99		0	56593.73
1124844	27/08/2016	221602	45	N	1537.5	398897.6	6906786.45	1052	56593.89	99		0	56593.89
1124844	27/08/2016	221518	45	N	1550	398904.33	6906794.95	1045	56559.43	99		0	56559.43
1124844	27/08/2016	221426	45	N	1562.5	398910.96	6906804.56	1039	56557.63	99		0	56557.63
1124844	27/08/2016	221346	45	N	1575	398920.11	6906810.72	1033	56532.55	99		0	56532.55
1124844	27/08/2016	221310	45	N	1587.5	398925.56	6906822.62	1034	56605	99		0	56605.00
1124844	27/08/2016	221226	45	N	1600	398933.67	6906834.77	1038	56640.23	99		0	56640.23
1124844	27/08/2016	221138	45	N	1612.5	398941.12	6906845.36	1038	56777.88	99		0	56777.88
1124844	27/08/2016	221046	45	N	1625	398948.1	6906855.38	1033	56847.52	99		0	56847.52
1124844	27/08/2016	220822	45	N	1637.5	398954.64	6906864.85	1028	56659.99	99		0	56659.99
1124844	27/08/2016	220706	45	N	1650	398962.85	6906875.95	1030	56831.62	99		0	56831.62
1124844	27/08/2016	220630	45	N	1662.5	398971.14	6906884.94	1023	56734.08	99		0	56734.08
1124844	27/08/2016	220550	45	N	1675	398976.86	6906895.06	1020	56731.75	99		0	56731.75
1124844	27/08/2016	220506	45	N	1687.5	398983.2	6906906.1	1017	56806.99	99		0	56806.99
1124844	27/08/2016	220426	45	N	1700	398990.68	6906916.65	1014	56784.83	99		0	56784.83
1124844	27/08/2016	220354	45	N	1712.5	398996.67	6906925.58	1011	56785.08	99		0	56785.08
1124844	27/08/2016	220322	45	N	1725	399004.86	6906935.16	1009	56803.05	99		0	56803.05
1124844	27/08/2016	220226	45	N	1737.5	399013.39	6906945.04	1008	56765.98	99		0	56765.98
1124844	27/08/2016	220150	45	N	1750	399021.86	6906954.09	1009	56717.71	99		0	56717.71
1124844	27/08/2016	220038	45	N	1762.5	399027.98	6906965.52	1007	56725.18	99		0	56725.18
1124844	27/08/2016	219958	45	N	1775	399033.51	6906975.55	1008	56717.35	99		0	56717.35
1124844	27/08/2016	219930	45	N	1787.5	399037.53	6906986.68	1013	56767.85	99		0	56767.85
1124844	27/08/2016	219838	45	N	1800	399041.27	6906994.99	1009	56802.06	99		0	56802.06
1124844	27/08/2016	219750	45	N	1812.5	399047.02	6907003.56	1011	56771.3	99		0	56771.30
1124844	27/08/2016	219710	45	N	1825	399056.25	6907010.55	1013	56712.05	99		0	56712.05
1124844	27/08/2016	219638	45	N	1837.5	399064.41	6907023.18	1014	56801.48	99		0	56801.48
1124844	27/08/2016	219558	45	N	1850	399071.14	6907034.92	1015	56729.46	99		0	56729.46
1124844	27/08/2016	219506	45	N	1862.5	399080.64	6907045.46	1013	56721.63	99		0	56721.63
1124844	27/08/2016	219422	45	N	1875	399088.47	6907052.98	1013	56782.11	99		0	56782.11
1124844	27/08/2016	219342	45	N	1887.5	399096.21	6907065.13	1016	56977.44	99		0	56977.44
1124844	27/08/2016	219318	45	N	1900	399101.86	6907071.59	1017	56895.91	99	GPS Points Drift East, other operator also took point here	0	56895.91
1124844	27/08/2016	219258	45	N	1900	399102.12	6907073.2	1014	56893.97	99	GPS Points Drift East, other operator also took point here	1	
8042728	27/08/2016	219134	45	N	1900.00	399101.74	6907069.19	1020.00	57053.33	49	Taken using different unit	9	
1124844	27/08/2016	219230	45	N	1912.5	399110.69	6907081.6	1014	56820.85	99		0	56820.85
1124844	27/08/2016	219158	45	N	1925	399118.64	6907091.77	1018	56769.87	99		0	56769.87
1124844	27/08/2016	219126	45	N	1937.5	399124.29	6907104.79	1021	56691.82	99		0	56691.82
1124844	27/08/2016	219050	45	N	1950	399132.58	6907115.31	1021	56747.7	99		0	56747.70
1124844	27/08/2016	219006	45	N	1962.5	399139.4	6907124.8	1017	56642.44	99		0	56642.44
1124844	27/08/2016	218822	45	N	1962.5	399138.2	6907125.42	1021	56635.19	99		1	
1124844	27/08/2016	214750	45	N	1975	399145.87							

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	27/08/2016	213134	45	N	2325	399343.35	6907416.99	1015	56702.64	99		0	56702.64
1124844	27/08/2016	212734	45	N	2337.5	399354.26	6907423.91	1011	56703.17	99		0	56703.17
1124844	27/08/2016	212630	45	N	2350	399355.96	6907435.54	1013	56738.17	99		0	56738.17
1124844	27/08/2016	212606	45	N	2350	399356.3	6907436.2	1013	56741.07	99		1	
1124844	29/08/2016	191926	46	N	0.00	395002.98	6908291.53	1145.00	57236.94	99		0	57236.94
1124844	29/08/2016	191958	46	N	0.00	395002.96	6908290.23	1144.00	57210.24	99		2	
1124844	29/08/2016	192014	46	N	0.00	395002.85	6908290.77	1144.00	57223.03	99		2	
1124844	29/08/2016	191850	46	N	12.50	395009.36	6908302.42	1146.00	57192.28	99		0	57192.28
1124844	29/08/2016	191818	46	N	25.00	395017.35	6908311.36	1147.00	57211.34	99		0	57211.34
1124844	29/08/2016	191746	46	N	37.50	395023.47	6908325.51	1150.00	57162.04	99		0	57162.04
1124844	29/08/2016	191710	46	N	50.00	395031.29	6908333.54	1151.00	57287.92	99		0	57287.92
1124844	29/08/2016	191450	46	N	62.50	395044.15	6908347.85	1156.00	57296.57	99		0	57296.57
1124844	29/08/2016	191414	46	N	75.00	395047.84	6908353.79	1150.00	57265.19	99		0	57265.19
1124844	29/08/2016	191334	46	N	87.50	395060.29	6908362.63	1150.00	57302.07	99		0	57302.07
1124844	29/08/2016	191254	46	N	100.00	395067.00	6908374.51	1153.00	57272.21	99		0	57272.21
1124844	29/08/2016	191214	46	N	112.50	395073.12	6908385.10	1157.00	57232.41	99		0	57232.41
1124844	29/08/2016	191122	46	N	125.00	395077.37	6908395.99	1158.00	57299.33	99		0	57299.33
1124844	29/08/2016	191042	46	N	137.50	395081.23	6908403.41	1159.00	57238.71	99		0	57238.71
1124844	29/08/2016	191002	46	N	150.00	395086.47	6908415.12	1161.00	57214.35	99		0	57214.35
1124844	29/08/2016	190906	46	N	162.50	395091.16	6908425.65	1166.00	57290.13	99		0	57290.13
1124844	29/08/2016	190830	46	N	175.00	395100.01	6908432.64	1164.00	57308.79	99		0	57308.79
1124844	29/08/2016	190734	46	N	187.50	395112.43	6908442.14	1167.00	57282.02	99		0	57282.02
1124844	29/08/2016	190702	46	N	200.00	395117.65	6908449.08	1168.00	57331.45	99		0	57331.45
1124844	29/08/2016	190618	46	N	212.50	395125.56	6908458.04	1172.00	57341.46	99		0	57341.46
1124844	29/08/2016	190542	46	N	225.00	395132.56	6908469.81	1170.00	57302.1	99		0	57302.1
1124844	29/08/2016	190518	46	N	237.50	395137.09	6908479.19	1175.00	57297.4	99		0	57297.4
1124844	29/08/2016	190446	46	N	250.00	395141.61	6908492.97	1178.00	57315.78	99		0	57315.78
1124844	29/08/2016	190414	46	N	262.50	395146.01	6908505.26	1183.00	57245.56	99		0	57245.56
1124844	29/08/2016	190338	46	N	275.00	395155.92	6908510.58	1181.00	57317.5	99		0	57317.5
1124844	29/08/2016	190310	46	N	287.50	395161.02	6908519.59	1186.00	57395.42	99		0	57395.42
1124844	29/08/2016	190226	46	N	300.00	395169.61	6908527.54	1189.00	57333.31	99		0	57333.31
1124844	29/08/2016	190154	46	N	312.50	395179.73	6908538.10	1190.00	57296.15	99		0	57296.15
1124844	29/08/2016	190126	46	N	325.00	395189.46	6908546.21	1193.00	57320.95	99		0	57320.95
1124844	29/08/2016	190050	46	N	337.50	395195.94	6908553.30	1193.00	57314.86	99		0	57314.86
1124844	29/08/2016	190010	46	N	350.00	395199.91	6908566.01	1197.00	57305.94	99		0	57305.94
1124844	29/08/2016	185906	46	N	362.50	395207.28	6908577.59	1198.00	57375.35	99		0	57375.35
1124844	29/08/2016	185838	46	N	375.00	395211.07	6908587.39	1198.00	57368.24	99		0	57368.24
1124844	29/08/2016	185806	46	N	387.50	395215.86	6908595.35	1203.00	57375.08	99		0	57375.08
1124844	29/08/2016	185734	46	N	400.00	395222.86	6908604.66	1205.00	57365.56	99		0	57365.56
1124844	29/08/2016	185658	46	N	412.50	395230.53	6908618.18	1209.00	57398.56	99		0	57398.56
1124844	29/08/2016	185626	46	N	425.00	395237.58	6908628.35	1209.00	57407.96	99		0	57407.96
1124844	29/08/2016	185542	46	N	437.50	395244.58	6908638.42	1212.00	57423.92	99		0	57423.92
1124844	29/08/2016	185334	46	N	450.00	395252.36	6908650.08	1214.00	57317.93	79		0	57317.93
1124844	29/08/2016	185350	46	N	450.00	395251.79	6908650.34	1215.00	57340.64	99		2	
1124844	29/08/2016	185306	46	N	462.50	395259.41	6908660.43	1217.00	57368.05	99		0	57368.05
1124844	29/08/2016	185238	46	N	475.00	395266.19	6908669.26	1218.00	57373.55	99		0	57373.55
1124844	29/08/2016	185210	46	N	487.50	395272.48	6908679.28	1221.00	57293.87	99		0	57293.87
1124844	29/08/2016	185146	46	N	500.00	395279.14	6908688.03	1221.00	57290.27	99		0	57290.27
1124844	29/08/2016	185118	46	N	512.50	395286.62	6908698.01	1223.00	57336.36	99		0	57336.36
1124844	29/08/2016	185042	46	N	525.00	395292.20	6908707.69	1224.00	57332.1	99		0	57332.1
1124844	29/08/2016	185010	46	N	537.50	395296.16	6908718.54	1224.00	57369.21	79		0	57369.21
1124844	29/08/2016	184930	46	N	550.00	395303.55	6908728.83	1227.00	57310.97	99		0	57310.97
1124844	29/08/2016	184858	46	N	562.50	395310.88	6908740.19	1230.00	57296.64	99		0	57296.64
1124844	29/08/2016	184830	46	N	575.00	395315.82	6908749.65	1230.00	57368	99		0	57368
1124844	29/08/2016	184758	46	N	587.50	395325.47	6908761.09	1232.00	57305.8	99		0	57305.8
1124844	29/08/2016	184730	46	N	600.00	395331.56	6908769.39	1233.00	57368.81	99		0	57368.81
1124844	29/08/2016	184538	46	N	612.50	395339.64	6908781.19	1234.00	57345.11	99		0	57345.11
1124844	29/08/2016	184502	46	N	625.00	395346.48	6908791.71	1235.00	57342.13	99		0	57342.13
1124844	29/08/2016	184434	46	N	637.50	395353.15	6908801.14	1236.00	57392.2	99		0	57392.2
1124844	29/08/2016	184410	46	N	650.00	395361.00	6908811.88	1238.00	57264.06	99		0	57264.06
1124844	29/08/2016	184346	46	N	662.50	395366.60	6908819.83	1239.00	57371.58	99		0	57371.58
1124844	29/08/2016	184302	46	N	675.00	395374.52	6908831.95	1241.00	57379.7	99		0	57379.7
1124844	29/08/2016	184234	46	N	687.50	395381.77	6908841.04	1241.00	57389.83	99		0	57389.83
1124844	29/08/2016	184206	46	N	700.00	395388.99	6908849.19	1243.00	57337.46	99		0	57337.46
1124844	29/08/2016	184118	46	N	712.50	395397.36	6908858.07	1244.00	57345.84	99		0	57345.84
1124844	29/08/2016	184042	46	N	725.00	395400.88	6908869.29	1244.00	57365.94	99		0	57365.94
1124844	29/08/2016	183942	46	N	737.50	395408.91	6908881.44	1247.00	57396.23	99		0	57396.23
1124844	29/08/2016	183918	46	N	750.00	395416.05	6908889.60	1247.00	57495.02	99		0	57495.02
1124844	29/08/2016	183846	46	N	762.50	395424.78	6908900.33	1248.00	57439.9	99		0	57439.9
1124844	29/08/2016	183806	46	N	775.00	395431.24	6908909.85	1248.00	57530.23	79		0	57530.23
1124844	29/08/2016	183822	46	N	775.00	395431.37	6908909.81	1248.00	57530.4	79		1	
1124844	29/08/2016	183734	46	N	787.50	395439.48	6908921.79	1248.00	57467.33	99		0	57467.33
1124844	29/08/2016	183658	46	N	800.00	395444.92	6908931.60	1248.00	57492.42	99		0	57492.42
1124844	29/08/2016	183634	46	N	812.50	395451.04	6908939.20	1247.00	57467.61	99		0	57467.61
1124844	29/08/2016	183554	46	N	825.00	395460.16	6908949.71	1245.00	57524.61	99		0	57524.61
1124844	29/08/2016	183434	46	N	837.50	395468.53	6908959.64	1242.00	57596.83	99		0	57596.83
1124844	29/08/2016	183230	46	N	850.00	395476.58	6908969.89	1237.00	57546.16	99		0	57546.16
1124844	29/08/2016	183354	46	N	850.00	395476.55	6908969.91	1236.00	57528.78	99		2	
1124844	29/08/2016	192814	47	N	0.00	395075.61	6908255.57	1131.00	57250.05	99		0	57250.05
1124844	29/08/2016	193018	47	N	0.00	395076.44	6908256.95	1133.00	57266.29	99		2	
1124844	29/08/2016	193034	47	N	0.00	395075.92	6908260.74	1144.00	57263.15	99		1	
1124844	29/08/2016	193050	47	N	0.00	395075.96	6908261.04	1145.00	57260.87	99		1	
1124844													

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	29/08/2016	195530	47	N	362.50	395277.21	6908531.07	1198.00	57430.79	99		0	57430.79
1124844	29/08/2016	195638	47	N	375.00	395285.59	6908541.66	1200.00	57481.13	99		0	57481.13
1124844	29/08/2016	195854	47	N	387.50	395296.18	6908549.67	1204.00	57495.71	99		0	57495.71
1124844	29/08/2016	195926	47	N	400.00	395302.35	6908557.92	1205.00	57461.22	99		0	57461.22
1124844	29/08/2016	200010	47	N	412.50	395308.31	6908570.17	1207.00	57430.55	99		0	57430.55
1124844	29/08/2016	200054	47	N	425.00	395311.06	6908584.11	1210.00	57393.36	99		0	57393.36
1124844	29/08/2016	200122	47	N	437.50	395314.43	6908594.82	1211.00	57423.73	99		0	57423.73
1124844	29/08/2016	200206	47	N	450.00	395324.61	6908601.34	1211.00	57442.06	99		0	57442.06
1124844	29/08/2016	200246	47	N	462.50	395334.66	6908607.63	1214.00	57387.52	99		0	57387.52
1124844	29/08/2016	200318	47	N	475.00	395343.24	6908618.46	1218.00	57352.95	99		0	57352.95
1124844	29/08/2016	200354	47	N	487.50	395351.62	6908626.54	1219.00	57338.29	99		0	57338.29
1124844	29/08/2016	200430	47	N	500.00	395359.39	6908635.49	1221.00	57332.02	99		0	57332.02
1124844	29/08/2016	200510	47	N	512.50	395366.66	6908645.39	1223.00	57329.61	99		0	57329.61
1124844	29/08/2016	200546	47	N	525.00	395374.06	6908655.46	1225.00	57359.67	99		0	57359.67
1124844	29/08/2016	200622	47	N	537.50	395377.38	6908667.19	1226.00	57378.36	99		0	57378.36
1124844	29/08/2016	200702	47	N	550.00	395381.03	6908677.81	1228.00	57313.27	99		0	57313.27
1124844	29/08/2016	200746	47	N	562.50	395390.08	6908687.46	1231.00	57370.07	99		0	57370.07
1124844	29/08/2016	200858	47	N	575.00	395401.67	6908694.52	1232.00	57360.02	99		0	57360.02
1124844	29/08/2016	200938	47	N	587.50	395409.48	6908702.38	1234.00	57317.01	99		0	57317.01
1124844	29/08/2016	201046	47	N	600.00	395415.59	6908712.51	1235.00	57263.69	99		0	57263.69
1124844	29/08/2016	201126	47	N	612.50	395421.17	6908723.17	1236.00	57296.85	99		0	57296.85
1124844	29/08/2016	201206	47	N	625.00	395428.39	6908734.70	1237.00	57342.74	99		0	57342.74
1124844	29/08/2016	201242	47	N	637.50	395433.13	6908741.91	1238.00	57339.56	99		0	57339.56
1124844	29/08/2016	201326	47	N	650.00	395440.30	6908750.78	1240.00	57375.2	99		0	57375.2
1124844	29/08/2016	201402	47	N	662.50	395449.20	6908761.36	1242.00	57371.58	99		0	57371.58
1124844	29/08/2016	201454	47	N	675.00	395455.68	6908771.03	1244.00	57348.71	99		0	57348.71
1124844	29/08/2016	201530	47	N	687.50	395463.23	6908780.92	1246.00	57318.1	99		0	57318.1
1124844	29/08/2016	201602	47	N	700.00	395468.78	6908793.29	1248.00	57351.12	99		0	57351.12
1124844	29/08/2016	201630	47	N	712.50	395474.29	6908801.43	1249.00	57359.1	99		0	57359.1
1124844	29/08/2016	201706	47	N	725.00	395481.72	6908813.12	1252.00	57356.43	99		0	57356.43
1124844	29/08/2016	201738	47	N	737.50	395491.84	6908822.65	1255.00	57386.24	99		0	57386.24
1124844	29/08/2016	201810	47	N	750.00	395499.17	6908828.95	1256.00	57391.09	99		0	57391.09
1124844	29/08/2016	201842	47	N	762.50	395507.53	6908837.68	1258.00	57420.11	99		0	57420.11
1124844	29/08/2016	201914	47	N	775.00	395514.09	6908848.79	1259.00	57434.69	99		0	57434.69
1124844	29/08/2016	201946	47	N	787.50	395520.01	6908861.06	1260.00	57384.58	99		0	57384.58
1124844	29/08/2016	202026	47	N	800.00	395526.26	6908875.04	1261.00	57425.16	99		0	57425.16
1124844	29/08/2016	202050	47	N	812.50	395530.45	6908882.22	1262.00	57428.31	99		0	57428.31
1124844	29/08/2016	202118	47	N	825.00	395537.26	6908892.57	1261.00	57471.3	99		0	57471.3
1124844	29/08/2016	202146	47	N	837.50	395545.06	6908902.40	1259.00	57490.19	99		0	57490.19
1124844	29/08/2016	202214	47	N	850.00	395552.71	6908912.20	1257.00	57385.66	99		0	57385.66
1124844	29/08/2016	202246	47	N	862.50	395561.07	6908921.56	1255.00	57440.08	99		0	57440.08
1124844	29/08/2016	202302	47	N	862.50	395561.12	6908921.47	1255.00	57442.83	99		1	
1124844	29/08/2016	202322	47	N	862.50	395561.08	6908921.64	1255.00	57443.67	99		1	
1124844	29/08/2016	212042	48	N	0.00	395121.59	6908197.18	1143.00	57292.39	99		0	57292.39
1124844	29/08/2016	212058	48	N	0.00	395121.41	6908197.39	1144.00	57291.95	99		1	
1124844	29/08/2016	212114	48	N	0.00	395121.37	6908197.33	1144.00	57294.57	99		1	
1124844	29/08/2016	212130	48	N	0.00	395121.45	6908196.95	1144.00	57292.22	99		1	
1124844	29/08/2016	212002	48	N	12.50	395130.62	6908207.84	1144.00	57270.37	99		0	57270.37
1124844	29/08/2016	211930	48	N	25.00	395138.24	6908216.69	1147.00	57273.03	99		0	57273.03
1124844	29/08/2016	211854	48	N	37.50	395142.57	6908227.72	1150.00	57256.59	99		0	57256.59
1124844	29/08/2016	211826	48	N	50.00	395146.56	6908236.94	1153.00	57310.44	99		0	57310.44
1124844	29/08/2016	211730	48	N	62.50	395152.26	6908246.27	1153.00	57330.26	99		0	57330.26
1124844	29/08/2016	211658	48	N	75.00	395161.34	6908258.84	1155.00	57308.5	99		0	57308.5
1124844	29/08/2016	211630	48	N	87.50	395168.31	6908269.02	1157.00	57400.55	79		0	57400.55
1124844	29/08/2016	211558	48	N	100.00	395173.80	6908280.15	1159.00	57380.68	99		0	57380.68
1124844	29/08/2016	211506	48	N	112.50	395179.92	6908286.75	1161.00	57309.42	99		0	57309.42
1124844	29/08/2016	211350	48	N	125.00	395184.22	6908295.93	1163.00	57292.39	99		0	57292.39
1124844	29/08/2016	211314	48	N	137.50	395191.12	6908304.78	1165.00	57334.31	99		0	57334.31
1124844	29/08/2016	211230	48	N	150.00	395198.93	6908315.87	1167.00	57326.18	99		0	57326.18
1124844	29/08/2016	211158	48	N	162.50	395206.86	6908326.42	1169.00	57401.6	99		0	57401.6
1124844	29/08/2016	211130	48	N	175.00	395212.07	6908333.86	1171.00	57374.4	99		0	57374.4
1124844	29/08/2016	211050	48	N	187.50	395221.88	6908347.27	1173.00	57359.81	99		0	57359.81
1124844	29/08/2016	211022	48	N	200.00	395226.42	6908354.08	1175.00	57396.1	99		0	57396.1
1124844	29/08/2016	210934	48	N	212.50	395236.28	6908367.42	1178.00	57456.18	59		0	57456.18
1124844	29/08/2016	210902	48	N	225.00	395243.70	6908376.54	1179.00	57362.44	99		0	57362.44
1124844	29/08/2016	210834	48	N	237.50	395250.40	6908387.27	1182.00	57411.48	99		0	57411.48
1124844	29/08/2016	210402	48	N	250.00	395256.49	6908395.62	1183.00	57423.03	99		0	57423.03
1124844	29/08/2016	210558	48	N	250.00	395256.46	6908397.31	1181.00	57431.82	89		1	
1124844	29/08/2016	210334	48	N	262.50	395264.19	6908406.46	1185.00	57499.13	99		0	57499.13
1124844	29/08/2016	210154	48	N	275.00	395270.72	6908415.31	1189.00	57446.55	99		0	57446.55
1124844	29/08/2016	210254	48	N	275.00	395271.26	6908415.10	1187.00	57453.44	99		1	
1124844	29/08/2016	210106	48	N	287.50	395279.82	6908427.34	1191.00	57393.82	99		0	57393.82
1124844	29/08/2016	210038	48	N	300.00	395285.28	6908435.10	1192.00	57406	99		0	57406
1124844	29/08/2016	205950	48	N	312.50	395293.52	6908447.13	1195.00	57377.37	89		0	57377.37
1124844	29/08/2016	205918	48	N	325.00	395300.35	6908456.26	1196.00	57413.34	99		0	57413.34
1124844	29/08/2016	205850	48	N	337.50	395307.42	6908467.07	1198.00	57402.81	89		0	57402.81
1124844	29/08/2016	205818	48	N	350.00	395313.14	6908476.72	1201.00	57414.12	99		0	57414.12
1124844	29/08/2016	205722	48	N	362.50	395321.36	6908488.93	1202.00	57364.37	99		0	57364.37
1124844	29/08/2016	205642	48	N	375.00	395327.09	6908498.62	1204.00	57355.33	99		0	57355.33
1124844	29/08/2016	205614	48	N	387.50	395333.58	6908506.73	1207.00	57317.63	79		0	57317.63
1124844	29/08/2016	205542	48	N	400.00	395340.59	6908518.29	1210.00	57362.23	99		0	57362.23
1124844	29/08/2016	205506	48	N	412.50	395347.52	6908528.59	1209.00	57397.38				

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	29/08/2016	203550	48	N	787.50	395557.63	6908827.01	1260.00	57387.29	99		0	57387.29
1124844	29/08/2016	203518	48	N	800.00	395565.05	6908836.93	1260.00	57353.02	99		0	57353.02
1124844	29/08/2016	203450	48	N	812.50	395572.28	6908847.25	1261.00	57383.85	99		0	57383.85
1124844	29/08/2016	203422	48	N	825.00	395580.12	6908858.00	1263.00	57399.51	99		0	57399.51
1124844	29/08/2016	203342	48	N	837.50	395587.76	6908866.97	1263.00	57409.48	99		0	57409.48
1124844	29/08/2016	203314	48	N	850.00	395595.81	6908877.90	1263.00	57448.57	99		0	57448.57
1124844	29/08/2016	202902	48	N	862.50	395596.36	6908891.00	1264.00	57891.95	19	Bad Point	9	
1124844	29/08/2016	203154	48	N	862.50	395604.21	6908890.80	1263.00	57533.02	99		2	
1124844	29/08/2016	203230	48	N	862.50	395604.48	6908890.50	1263.00	57527.25	99		0	57527.25
1124844	29/08/2016	214526	49	N	0.00	395162.46	6908167.24	1149.00	57324.07	99		0	57324.07
1124844	29/08/2016	214542	49	N	0.00	395161.84	6908166.99	1148.00	57325.37	99		1	
1124844	29/08/2016	214614	49	N	12.50	395168.18	6908176.07	1149.00	57237.76	99		0	57237.76
1124844	29/08/2016	214702	49	N	25.00	395176.19	6908186.66	1150.00	57318.37	99		0	57318.37
1124844	29/08/2016	214750	49	N	37.50	395183.49	6908196.16	1153.00	57236.03	99		0	57236.03
1124844	29/08/2016	214830	49	N	50.00	395191.47	6908207.76	1155.00	57270.51	99		0	57270.51
1124844	29/08/2016	214902	49	N	62.50	395198.34	6908216.82	1157.00	57285.23	99		0	57285.23
1124844	29/08/2016	214934	49	N	75.00	395207.09	6908224.97	1160.00	57320.84	99		0	57320.84
1124844	29/08/2016	215006	49	N	87.50	395212.09	6908232.84	1161.00	57242.43	99		0	57242.43
1124844	29/08/2016	215042	49	N	100.00	395219.13	6908242.74	1163.00	57299.38	99		0	57299.38
1124844	29/08/2016	215114	49	N	112.50	395224.74	6908255.29	1165.00	57238.58	79		0	57238.58
1124844	29/08/2016	215222	49	N	125.00	395232.28	6908266.36	1168.00	57259.42	99		0	57259.42
1124844	29/08/2016	215258	49	N	137.50	395238.05	6908275.31	1170.00	57286.79	99		0	57286.79
1124844	29/08/2016	215334	49	N	150.00	395246.20	6908285.16	1173.00	57304.51	99		0	57304.51
1124844	29/08/2016	215402	49	N	162.50	395251.98	6908296.38	1174.00	57288.29	99		0	57288.29
1124844	29/08/2016	215450	49	N	175.00	395259.48	6908306.60	1175.00	57275.78	99		0	57275.78
1124844	29/08/2016	215526	49	N	187.50	395266.58	6908315.09	1178.00	57332.62	99		0	57332.62
1124844	29/08/2016	215610	49	N	200.00	395274.04	6908325.81	1180.00	57314.46	99		0	57314.46
1124844	29/08/2016	215642	49	N	212.50	395281.30	6908336.04	1181.00	57299.64	99		0	57299.64
1124844	29/08/2016	215718	49	N	225.00	395288.72	6908346.42	1183.00	57298.85	99		0	57298.85
1124844	29/08/2016	215758	49	N	237.50	395293.65	6908357.78	1184.00	57353.36	99		0	57353.36
1124844	29/08/2016	215838	49	N	250.00	395299.07	6908365.23	1186.00	57343.21	99		0	57343.21
1124844	29/08/2016	215954	49	N	262.50	395309.28	6908377.49	1189.00	57439.66	99		0	57439.66
1124844	29/08/2016	220050	49	N	275.00	395315.19	6908385.46	1190.00	57435.95	99		0	57435.95
1124844	29/08/2016	220130	49	N	287.50	395323.22	6908394.90	1194.00	57354.15	99		0	57354.15
1124844	29/08/2016	220226	49	N	300.00	395328.41	6908407.86	1200.00	57338.7	99		0	57338.7
1124844	29/08/2016	220654	49	N	312.50	395331.52	6908416.39	1198.00	57359.03	99		0	57359.03
1124844	29/08/2016	220818	49	N	325.00	395337.25	6908427.38	1199.00	57383.16	79		0	57383.16
1124844	29/08/2016	220834	49	N	325.00	395337.03	6908427.36	1199.00	57384.37	99		1	
1124844	29/08/2016	220950	49	N	337.50	395345.34	6908438.25	1199.00	57365.14	99		0	57365.14
1124844	29/08/2016	221030	49	N	350.00	395352.96	6908445.46	1200.00	57364.7	99		0	57364.7
1124844	29/08/2016	221110	49	N	362.50	395362.45	6908454.40	1206.00	57327.49	99		0	57327.49
1124844	29/08/2016	221150	49	N	375.00	395368.69	6908462.56	1209.00	57360.14	99		0	57360.14
1124844	29/08/2016	221234	49	N	387.50	395374.66	6908471.80	1210.00	57295.51	99		0	57295.51
1124844	29/08/2016	221310	49	N	400.00	395380.64	6908483.51	1211.00	57325.6	99		0	57325.6
1124844	29/08/2016	221414	49	N	412.50	395387.18	6908493.34	1213.00	57307.84	99		0	57307.84
1124844	29/08/2016	221450	49	N	425.00	395393.06	6908505.62	1215.00	57384.36	99		0	57384.36
1124844	29/08/2016	221522	49	N	437.50	395399.32	6908514.49	1215.00	57405.34	99		0	57405.34
1124844	29/08/2016	221614	49	N	450.00	395408.38	6908525.32	1218.00	57377.63	99		0	57377.63
1124844	29/08/2016	221646	49	N	462.50	395414.76	6908533.01	1219.00	57339.18	99		0	57339.18
1124844	29/08/2016	221730	49	N	475.00	395423.14	6908542.88	1222.00	57284.51	99		0	57284.51
1124844	29/08/2016	221814	49	N	487.50	395428.94	6908553.33	1223.00	57299.17	99		0	57299.17
1124844	29/08/2016	221858	49	N	500.00	395436.21	6908560.37	1224.00	57286.44	99		0	57286.44
1124844	29/08/2016	221930	49	N	512.50	395444.30	6908569.77	1227.00	57436.38	99		0	57436.38
1124844	29/08/2016	222018	49	N	525.00	395451.32	6908581.17	1228.00	57410.01	99		0	57410.01
1124844	29/08/2016	222158	49	N	537.50	395458.19	6908590.18	1230.00	57369.02	99		0	57369.02
1124844	29/08/2016	222246	49	N	550.00	395465.38	6908598.71	1232.00	57334.65	99		0	57334.65
1124844	29/08/2016	222326	49	N	562.50	395471.97	6908609.82	1234.00	57335.82	99		0	57335.82
1124844	29/08/2016	222402	49	N	575.00	395477.59	6908621.04	1234.00	57325.37	99		0	57325.37
1124844	29/08/2016	222446	49	N	587.50	395483.59	6908630.92	1236.00	57214.75	69		2	
1124844	29/08/2016	222502	49	N	587.50	395483.80	6908631.00	1236.00	57336.91	99		0	57336.91
1124844	29/08/2016	222546	49	N	600.00	395492.34	6908641.13	1238.00	57263.99	99		0	57263.99
1124844	29/08/2016	222618	49	N	612.50	395500.93	6908649.29	1240.00	57279.51	99		0	57279.51
1124844	29/08/2016	222754	49	N	625.00	395509.72	6908656.79	1241.00	57326.96	99		0	57326.96
1124844	29/08/2016	222838	49	N	637.50	395515.42	6908668.75	1243.00	57281.6	99		0	57281.6
1124844	29/08/2016	222918	49	N	650.00	395521.86	6908680.13	1245.00	57316.88	99		0	57316.88
1124844	29/08/2016	222946	49	N	662.50	395527.75	6908689.17	1245.00	57343.7	99		0	57343.7
1124844	29/08/2016	223018	49	N	675.00	395532.27	6908700.28	1247.00	57360.88	99		0	57360.88
1124844	29/08/2016	223050	49	N	687.50	395539.06	6908710.19	1249.00	57317.76	99		0	57317.76
1124844	29/08/2016	223126	49	N	700.00	395547.26	6908720.07	1251.00	57297.08	99		0	57297.08
1124844	29/08/2016	223158	49	N	712.50	395556.10	6908730.68	1253.00	57320.12	99		0	57320.12
1124844	29/08/2016	223418	49	N	725.00	395562.15	6908738.00	1254.00	57332.04	99		0	57332.04
1124844	29/08/2016	223502	49	N	737.50	395569.28	6908748.51	1255.00	57319.59	99		0	57319.59
1124844	29/08/2016	223602	49	N	750.00	395575.19	6908759.45	1257.00	57343.82	99		0	57343.82
1124844	29/08/2016	223634	49	N	762.50	395581.12	6908769.31	1258.00	57357	99		0	57357
1124844	29/08/2016	223718	49	N	775.00	395589.32	6908781.91	1259.00	57343.21	99		0	57343.21
1124844	29/08/2016	223750	49	N	787.50	395594.50	6908791.14	1261.00	57361.93	99		0	57361.93
1124844	29/08/2016	223854	49	N	800.00	395601.14	6908801.47	1262.00	57355.57	99		0	57355.57
1124844	29/08/2016	223934	49	N	812.50	395608.76	6908814.25	1263.00	57368.27	99		0	57368.27
1124844	29/08/2016	224010	49	N	825.00	395615.23	6908824.76	1264.00	57370.16	99		0	57370.16
1124844	29/08/2016	224058	49	N	837.50	395621.32	6908832.63	1264.00	57385.01	99		0	57385.01
1124844	29/08/2016	224126	49	N	850.00	395628.82	6908843.45	1265.00	57388.44	99		0	57388.44
1124844	29/08/2016	224202	49	N	862.50	395636.57	6908853.						

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	29/08/2016	232030	50	N	300.00	395402.65	6908340.15	1200.00	57494.62	99		0	57494.62
1124844	29/08/2016	232006	50	N	312.50	395409.81	6908350.66	1202.00	57549.89	99		0	57549.89
1124844	29/08/2016	231938	50	N	325.00	395416.50	6908361.67	1204.00	57447.65	99		0	57447.65
1124844	29/08/2016	231914	50	N	337.50	395422.92	6908370.19	1205.00	57456.59	99		0	57456.59
1124844	29/08/2016	231850	50	N	350.00	395431.00	6908378.69	1209.00	57471.69	99		0	57471.69
1124844	29/08/2016	231826	50	N	362.50	395436.41	6908388.38	1211.00	57441.27	99		0	57441.27
1124844	29/08/2016	231758	50	N	375.00	395444.55	6908399.73	1215.00	57527.66	99		0	57527.66
1124844	29/08/2016	231734	50	N	387.50	395450.96	6908408.29	1216.00	57410.24	99		0	57410.24
1124844	29/08/2016	231706	50	N	400.00	395457.89	6908417.23	1217.00	57395.52	99		0	57395.52
1124844	29/08/2016	231638	50	N	412.50	395464.69	6908427.54	1220.00	57404.39	99		0	57404.39
1124844	29/08/2016	231614	50	N	425.00	395470.83	6908437.30	1222.00	57351.96	99		0	57351.96
1124844	29/08/2016	231550	50	N	437.50	395478.31	6908448.32	1224.00	57469.41	99		0	57469.41
1124844	29/08/2016	231526	50	N	450.00	395485.61	6908458.75	1227.00	57423.4	99		0	57423.4
1124844	29/08/2016	231502	50	N	462.50	395493.73	6908469.10	1229.00	57465.32	99		0	57465.32
1124844	29/08/2016	231434	50	N	475.00	395499.80	6908480.12	1230.00	57399.56	99		0	57399.56
1124844	29/08/2016	231410	50	N	487.50	395506.87	6908490.62	1231.00	57313.61	99		0	57313.61
1124844	29/08/2016	231238	50	N	500.00	395512.20	6908501.13	1233.00	57416.42	99		0	57416.42
1124844	29/08/2016	231210	50	N	512.50	395520.25	6908510.58	1235.00	57380.83	99		0	57380.83
1124844	29/08/2016	231142	50	N	525.00	395527.99	6908519.81	1236.00	57444.42	99		0	57444.42
1124844	29/08/2016	231114	50	N	537.50	395534.89	6908528.83	1238.00	57318.63	99		0	57318.63
1124844	29/08/2016	230954	50	N	550.00	395542.85	6908538.82	1238.00	57393.56	99		0	57393.56
1124844	29/08/2016	230918	50	N	562.50	395551.35	6908549.15	1239.00	57442.13	99		0	57442.13
1124844	29/08/2016	230858	50	N	575.00	395556.39	6908558.74	1241.00	57406.02	99		0	57406.02
1124844	29/08/2016	230834	50	N	587.50	395563.30	6908569.85	1242.00	57507.28	99		0	57507.28
1124844	29/08/2016	230746	50	N	600.00	395570.07	6908579.48	1244.00	57393.46	99		0	57393.46
1124844	29/08/2016	230722	50	N	612.50	395576.89	6908588.99	1246.00	57378.81	99		0	57378.81
1124844	29/08/2016	230658	50	N	625.00	395584.30	6908600.06	1247.00	57448.75	99		0	57448.75
1124844	29/08/2016	230634	50	N	637.50	395591.62	6908610.48	1249.00	57377.39	99		0	57377.39
1124844	29/08/2016	230610	50	N	650.00	395598.68	6908621.41	1250.00	57333.36	99		0	57333.36
1124844	29/08/2016	230546	50	N	662.50	395605.99	6908630.62	1252.00	57347.22	99		0	57347.22
1124844	29/08/2016	230522	50	N	675.00	395614.43	6908641.01	1254.00	57335.38	99		0	57335.38
1124844	29/08/2016	230454	50	N	687.50	395622.13	6908651.91	1256.00	57287.48	99		0	57287.48
1124844	29/08/2016	230434	50	N	700.00	395626.80	6908660.35	1257.00	57389.83	99		0	57389.83
1124844	29/08/2016	230354	50	N	712.50	395634.80	6908671.79	1258.00	57322.12	99		0	57322.12
1124844	29/08/2016	230326	50	N	725.00	395641.79	6908682.41	1259.00	57358.59	99		0	57358.59
1124844	29/08/2016	230114	50	N	737.50	395646.00	6908693.35	1260.00	57328.35	99		0	57328.35
1124844	29/08/2016	230022	50	N	750.00	395653.44	6908704.40	1263.00	57363.18	99		0	57363.18
1124844	29/08/2016	225942	50	N	762.50	395659.89	6908714.58	1264.00	57368.1	99		0	57368.1
1124844	29/08/2016	225914	50	N	775.00	395666.63	6908724.55	1265.00	57393.36	99		0	57393.36
1124844	29/08/2016	225846	50	N	787.50	395673.70	6908734.66	1266.00	57365.97	99		0	57365.97
1124844	29/08/2016	225822	50	N	800.00	395680.84	6908742.74	1267.00	57366.52	99		0	57366.52
1124844	29/08/2016	225754	50	N	812.50	395689.38	6908752.87	1269.00	57382.04	99		0	57382.04
1124844	29/08/2016	225722	50	N	825.00	395696.68	6908762.74	1269.00	57357.12	99		0	57357.12
1124844	29/08/2016	225610	50	N	837.50	395706.16	6908773.42	1269.00	57377.41	99		0	57377.41
1124844	29/08/2016	225538	50	N	850.00	395714.24	6908783.98	1270.00	57353.72	99		0	57353.72
1124844	29/08/2016	225514	50	N	862.50	395721.77	6908793.13	1271.00	57356.03	99		0	57356.03
1124844	29/08/2016	225342	50	N	875.00	395729.55	6908803.57	1271.00	57381.16	99		0	57381.16
1124844	29/08/2016	225358	50	N	875.00	395729.65	6908803.70	1271.00	57388.15	99		1	
1124844	29/08/2016	225434	50	N	875.00	395729.54	6908803.32	1271.00	57370.52	99		2	
8042428	09/03/16	163106	58	N	500.00	395936.90	6908205.64	1160.00	57398.96	87		0	57398.96
8042428	09/03/16	163122	58	N	500.00	395937.26	6908206.20	1159.00	57379.53	99		2	
8042428	09/03/16	163222	58	N	500.00	395936.62	6908204.94	1159.00	57383.07	99		1	
8042428	09/03/16	163302	58	N	512.50	395939.94	6908215.04	1161.00	57369.8	99		0	57369.80
8042428	09/03/16	163514	58	N	525.00	395948.49	6908226.74	1163.00	57405.99	99		0	57405.99
8042428	09/03/16	163554	58	N	537.50	395955.71	6908238.40	1165.00	57377.9	99		0	57377.90
8042428	09/03/16	163710	58	N	550.00	395964.46	6908250.76	1167.00	57377.57	99		0	57377.57
8042428	09/03/16	163750	58	N	562.50	395968.56	6908260.54	1168.00	57311.34	99		0	57311.34
8042428	09/03/16	163830	58	N	575.00	395973.84	6908266.54	1171.00	57265.07	99		0	57265.07
8042428	09/03/16	163942	58	N	587.50	395980.73	6908277.64	1172.00	57351.72	99		0	57351.72
8042428	09/03/16	164046	58	N	600.00	395982.49	6908285.51	1174.00	57382.68	99		0	57382.68
8042428	09/03/16	164142	58	N	612.50	395991.21	6908297.72	1176.00	57343.96	99		0	57343.96
8042428	09/03/16	164218	58	N	625.00	395996.12	6908308.69	1177.00	57351.57	99		0	57351.57
8042428	09/03/16	164254	58	N	637.50	396001.84	6908318.01	1179.00	57350.16	99		0	57350.16
8042428	09/03/16	164346	58	N	650.00	396007.41	6908329.66	1181.00	57254.03	99		0	57254.03
8042428	09/03/16	164426	58	N	662.50	396017.45	6908339.32	1180.00	57345.92	99		0	57345.92
8042428	09/03/16	164514	58	N	675.00	396022.57	6908349.78	1182.00	57298.75	99		0	57298.75
8042428	09/03/16	164554	58	N	687.50	396028.45	6908359.11	1183.00	57287.56	99		0	57287.56
8042428	09/03/16	164634	58	N	700.00	396038.11	6908369.33	1186.00	57171.2	99		0	57171.20
8042428	09/03/16	164738	58	N	712.50	396044.59	6908379.29	1191.00	57284.54	99		0	57284.54
8042428	09/03/16	164818	58	N	725.00	396050.33	6908388.29	1189.00	57304.91	99		0	57304.91
8042428	09/03/16	165002	58	N	737.50	396057.30	6908402.52	1191.00	57343.75	99		0	57343.75
8042428	09/03/16	165050	58	N	750.00	396065.65	6908416.45	1193.00	57305.02	99		0	57305.02
8042428	09/03/16	165122	58	N	762.50	396067.51	6908424.33	1195.00	57256.98	99		0	57256.98
8042428	09/03/16	165206	58	N	775.00	396073.79	6908430.87	1193.00	57271.96	99		0	57271.96
8042428	09/03/16	165242	58	N	787.50	396080.39	6908439.83	1195.00	57243.69	79		0	57243.69
8042428	09/03/16	165310	58	N	787.50	396080.68	6908441.14	1192.00	57222.51	89		2	
8042428	09/03/16	165430	58	N	800.00	396088.21	6908452.32	1196.00	57215.46	69		0	57215.46
8042428	09/03/16	165450	58	N	800.00	396088.22	6908451.99	1197.00	57229.13	99		2	
8042428	09/03/16	165538	58	N	812.50	396095.25	6908462.32	1196.00	57165.21	99		0	57165.21
8042428	09/03/16	165618	58	N	825.00	396101.81	6908471.36	1195.00	57185.03	99		0	57185.03
8042428	09/03/16	170318	58	N	837.50	396110.70	6908480.24	1198.00	57270.8	99		0	57270.80
8042428	09/03/16	170422	58	N	850.00	396117.02	6908488.42	1198.00	57267.04	99		0	57267.04

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042428	09/03/16	172538	58	N	1225.00	396324.60	6908791.01	1219.00	57194.41	99		0	57194.41
8042428	09/03/16	172614	58	N	1237.50	396331.65	6908801.68	1217.00	57151.01	99		0	57151.01
8042428	09/03/16	172658	58	N	1250.00	396340.02	6908812.26	1215.00	57128.08	79		0	57128.08
8042428	09/03/16	172722	58	N	1250.00	396340.32	6908813.00	1215.00	57092.8	99		2	
8042428	09/03/16	172746	58	N	1250.00	396340.46	6908812.76	1215.00	57099.21	99		1	
8042428	09/03/16	180138	58	N	1250.00	396315.28	6908832.15	1213.00	57257.01	29		2	
8042428	09/03/16	180258	58	N	1250.00	396315.90	6908831.26	1213.00	57250.26	59		1	
8042428	09/03/16	181222	60	N	1237.50	396463.20	6908722.06	1212.00	57137.85	99		0	57137.85
8042428	09/03/16	181250	60	N	1237.50	396463.31	6908722.30	1213.00	57136.39	99		1	
8042428	09/03/16	181322	60	N	1225.00	396455.76	6908712.25	1213.00	57171.04	99		0	57171.04
8042428	09/03/16	181358	60	N	1212.50	396448.32	6908701.92	1213.00	57169.32	99		0	57169.32
8042428	09/03/16	181434	60	N	1200.00	396437.74	6908689.48	1212.00	57202.5	99		0	57202.50
8042428	09/03/16	181514	60	N	1187.50	396430.06	6908679.49	1213.00	57215.97	99		0	57215.97
8042428	09/03/16	181558	60	N	1175.00	396421.93	6908667.81	1213.00	57180.25	99		0	57180.25
8042428	09/03/16	181634	60	N	1162.50	396410.81	6908656.17	1212.00	57174.6	99		0	57174.60
8042428	09/03/16	181710	60	N	1150.00	396403.53	6908646.99	1210.00	57267.56	99		0	57267.56
8042428	09/03/16	181750	60	N	1137.50	396394.67	6908633.15	1206.00	57228.54	99		0	57228.54
8042428	09/03/16	181822	60	N	1125.00	396391.66	6908622.78	1210.00	57211.35	99		0	57211.35
8042428	09/03/16	181854	60	N	1112.50	396387.51	6908610.37	1209.00	57212.95	99		0	57212.95
8042428	09/03/16	181938	60	N	1100.00	396379.84	6908597.29	1208.00	57194.33	99		0	57194.33
8042428	09/03/16	182018	60	N	1087.50	396373.73	6908590.43	1207.00	57160.39	89		0	57160.39
8042428	09/03/16	182054	60	N	1075.00	396366.33	6908580.74	1206.00	57180.35	89		0	57180.35
8042428	09/03/16	182130	60	N	1062.50	396356.53	6908572.21	1208.00	57236.08	99		0	57236.08
8042428	09/03/16	182226	60	N	1050.00	396351.26	6908562.19	1204.00	57204.78	79		0	57204.78
8042428	09/03/16	182242	60	N	1050.00	396350.90	6908562.45	1203.00	57208.83	99		1	
8042428	09/03/16	182318	60	N	1037.50	396344.68	6908551.98	1201.00	57391.15	99		0	57391.15
8042428	09/03/16	182346	60	N	1025.00	396337.37	6908543.27	1201.00	57229.37	99		0	57229.37
8042428	09/03/16	182426	60	N	1012.50	396330.39	6908534.20	1200.00	57226.71	79		0	57226.71
8042428	09/03/16	182442	60	N	1012.50	396330.65	6908535.61	1201.00	57248.69	99		2	
8042428	09/03/16	182518	60	N	1000.00	396320.91	6908524.22	1200.00	57207.14	99		0	57207.14
8042428	09/03/16	182554	60	N	987.50	396314.85	6908515.10	1199.00	57255.8	99		0	57255.80
8042428	09/03/16	182630	60	N	975.00	396305.75	6908503.34	1196.00	57261.19	99		0	57261.19
8042428	09/03/16	182706	60	N	962.50	396299.95	6908494.86	1196.00	57222.37	99		0	57222.37
8042428	09/03/16	182738	60	N	950.00	396292.20	6908484.27	1193.00	57198.98	99		0	57198.98
8042428	09/03/16	182814	60	N	937.50	396283.08	6908473.86	1192.00	57193.63	99		0	57193.63
8042428	09/03/16	182918	60	N	925.00	396273.41	6908463.07	1191.00	57189.92	99		0	57189.92
8042428	09/03/16	182950	60	N	912.50	396266.81	6908455.82	1193.00	57172.47	99		0	57172.47
8042428	09/03/16	183030	60	N	900.00	396260.51	6908445.36	1191.00	57216.13	99		0	57216.13
8042428	09/03/16	183134	60	N	887.50	396254.97	6908438.74	1190.00	57192.02	99		0	57192.02
8042428	09/03/16	183210	60	N	875.00	396248.20	6908427.87	1187.00	57164.17	99		0	57164.17
8042428	09/03/16	183250	60	N	862.50	396240.67	6908416.64	1187.00	57152.18	99		0	57152.18
8042428	09/03/16	183330	60	N	850.00	396235.92	6908408.60	1187.00	57107.09	89		0	57107.09
8042428	09/03/16	183402	60	N	837.50	396226.89	6908397.77	1184.00	57116.43	79		0	57116.43
8042428	09/03/16	183418	60	N	837.50	396226.90	6908397.47	1183.00	57119.77	79		1	
8042428	09/03/16	183454	60	N	825.00	396218.32	6908385.76	1181.00	57125.68	99		0	57125.68
8042428	09/03/16	183526	60	N	812.50	396211.50	6908375.45	1180.00	57157.3	99		0	57157.30
8042428	09/03/16	183602	60	N	800.00	396203.81	6908369.42	1181.00	57065.7	49		0	57065.70
8042428	09/03/16	183654	60	N	787.50	396196.35	6908356.54	1177.00	57125.99	99		0	57125.99
8042428	09/03/16	183742	60	N	775.00	396189.97	6908345.36	1177.00	57145.47	99		0	57145.47
8042428	09/03/16	183826	60	N	762.50	396183.82	6908336.01	1178.00	57089.2	79		0	57089.20
8042428	09/03/16	183902	60	N	750.00	396178.09	6908327.33	1179.00	57218.18	99		0	57218.18
8042428	09/03/16	183942	60	N	737.50	396171.62	6908311.79	1174.00	57180.65	89		0	57180.65
8042428	09/03/16	184022	60	N	725.00	396165.39	6908304.70	1175.00	57253	99		0	57253.00
8042428	09/03/16	184214	60	N	712.50	396156.47	6908294.49	1175.00	57268.46	99		0	57268.46
8042428	09/03/16	184246	60	N	700.00	396147.12	6908282.54	1171.00	57229.1	99		0	57229.10
8042428	09/03/16	184318	60	N	687.50	396144.31	6908271.51	1164.00	57173.38	59		0	57173.38
8042428	09/03/16	184414	60	N	675.00	396136.55	6908265.01	1169.00	57291.23	89		0	57291.23
8042428	09/03/16	184454	60	N	662.50	396133.65	6908255.56	1163.00	57270.67	49		0	57270.67
8042428	09/03/16	184514	60	N	662.50	396132.45	6908257.67	1171.00	57265.54	59		1	
8042428	09/03/16	184534	60	N	662.50	396134.27	6908256.34	1164.00	57273.28	99		1	
8042428	09/03/16	184638	60	N	650.00	396126.00	6908245.97	1164.00	57207.7	99		0	57207.70
8042428	09/03/16	184734	60	N	637.50	396119.65	6908237.96	1162.00	57210.64	99		0	57210.64
8042428	09/03/16	184830	60	N	625.00	396117.30	6908232.44	1161.00	57191.66	99		0	57191.66
8042428	09/03/16	184914	60	N	612.50	396107.80	6908219.01	1159.00	57230.73	99		0	57230.73
8042428	09/03/16	184954	60	N	600.00	396099.48	6908208.32	1157.00	57233.93	99		0	57233.93
8042428	09/03/16	185030	60	N	587.50	396091.40	6908186.34	1149.00	57289.57	99		0	57289.57
8042428	09/03/16	185102	60	N	575.00	396082.40	6908186.05	1160.00	57329.21	99		0	57329.21
8042428	09/03/16	185138	60	N	562.50	396073.76	6908173.55	1157.00	57269.48	99		0	57269.48
8042428	09/03/16	185206	60	N	550.00	396065.78	6908162.90	1156.00	57307.97	99		0	57307.97
8042428	09/03/16	185242	60	N	537.50	396059.28	6908151.06	1154.00	57188.41	99		0	57188.41
8042428	09/03/16	185314	60	N	525.00	396053.72	6908142.01	1153.00	57279.16	99		0	57279.16
8042428	09/03/16	185346	60	N	512.50	396050.15	6908131.32	1150.00	57313.51	99		0	57313.51
8042428	09/03/16	185434	60	N	500.00	396042.48	6908118.43	1150.00	57245.32	89		0	57245.32
8042428	09/03/16	185510	60	N	487.50	396036.74	6908110.58	1150.00	57292.65	99		0	57292.65
8042428	09/03/16	185542	60	N	475.00	396033.09	6908102.57	1148.00	57142.56	99		0	57142.56
8042428	09/03/16	185622	60	N	462.50	396026.16	6908089.39	1144.00	57032.37	79		0	57032.37
8042428	09/03/16	185654	60	N	450.00	396018.73	6908078.57	1144.00	57246.59	99		0	57246.59
8042428	09/03/16	185730	60	N	437.50	396011.53	6908068.03	1143.00	57183.3	89		0	57183.30
8042428	09/03/16	185802	60	N	425.00	396005.64	6908057.68	1142.00	57187.57	99		0	57187.57
8042428	09/03/16	185834	60	N	412.50	395998.26	6908044.82	1137.00	57167.53	99		0	57167.53
8042428	09/03/16	185910	60	N	400.00	395993.42	6908035.71	1136.00	57207.62	99		0	57207.62
8042428	09/03/16	185954	60	N	387.50	395983.36	6908029.30	1137.00	57122.94	99		0	57122.94
8042428	09/03/16	190026	60	N	375.00	395974.80	6908019.85	1133.00	5				

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042428	09/03/16	192022	60	N	37.50	395786.79	6907755.51	1066.00	57070.66	99		0	57070.66
8042428	09/03/16	192106	60	N	25.00	395779.22	6907746.72	1065.00	57109.41	99		0	57109.41
8042428	09/03/16	192134	60	N	12.50	395772.15	6907737.65	1061.00	57108.96	99		0	57108.96
8042428	09/03/16	192150	60	N	12.50	395772.86	6907738.65	1062.00	57117.88	99		1	
8042428	09/03/16	192206	60	N	12.50	395772.76	6907739.04	1062.00	57115.29	99		1	
8042428	09/03/16	192222	60	N	12.50	395772.05	6907739.23	1060.00	57104.94	99		2	
8042428	09/03/16	195454	62	N	0.00	395857.65	6907681.38	1072.00	57069.63	79		0	57069.63
8042428	09/03/16	195510	62	N	0.00	395857.74	6907681.55	1072.00	57073.42	79		1	
8042428	09/03/16	195706	62	N	12.50	395863.96	6907693.49	1075.00	57150.89	99		0	57150.89
8042428	09/03/16	195754	62	N	25.00	395867.97	6907700.16	1077.00	57124.18	49		0	57124.18
8042428	09/03/16	195810	62	N	25.00	395868.62	6907701.02	1077.00	57174.17	99		2	
8042428	09/03/16	195850	62	N	37.50	395877.39	6907711.56	1081.00	57131.62	99		0	57131.62
8042428	09/03/16	195926	62	N	50.00	395885.13	6907719.96	1083.00	57005.9	49		0	57005.90
8042428	09/03/16	195942	62	N	50.00	395885.42	6907720.40	1084.00	57170.55	99		2	
8042428	09/03/16	200022	62	N	62.50	395893.47	6907732.22	1082.00	57109.06	59		0	57109.06
8042428	09/03/16	200042	62	N	62.50	395892.59	6907731.64	1083.00	57116.95	49		1	
8042428	09/03/16	200102	62	N	62.50	395893.52	6907730.76	1087.00	57162.71	79		2	
8042428	09/03/16	200142	62	N	75.00	395897.37	6907740.10	1088.00	57298.33	99		0	57298.33
8042428	09/03/16	200222	62	N	87.50	395901.91	6907751.70	1087.00	57297.89	99		0	57297.89
8042428	09/03/16	200258	62	N	100.00	395906.87	6907762.25	1090.00	57321.68	59		0	57321.68
8042428	09/03/16	200330	62	N	112.50	395913.31	6907772.03	1094.00	57157.49	69		0	57157.49
8042428	09/03/16	200350	62	N	112.50	395913.91	6907772.55	1094.00	57176.9	79		2	
8042428	09/03/16	200434	62	N	125.00	395921.18	6907783.77	1097.00	57174.52	79		0	57174.52
8042428	09/03/16	200502	62	N	137.50	395930.52	6907792.60	1100.00	57221.65	99		0	57221.65
8042428	09/03/16	200546	62	N	150.00	395939.80	6907798.83	1104.00	57200.48	99		0	57200.48
8042428	09/03/16	200630	62	N	162.50	395948.73	6907809.53	1104.00	57253.72	99		0	57253.72
8042428	09/03/16	200710	62	N	175.00	395953.85	6907816.66	1109.00	57174.45	99		0	57174.45
8042428	09/03/16	200754	62	N	187.50	395958.86	6907826.60	1108.00	57320.08	99		0	57320.08
8042428	09/03/16	200838	62	N	200.00	395962.85	6907837.93	1110.00	57279.27	99		0	57279.27
8042428	09/03/16	200922	62	N	212.50	395968.66	6907848.24	1111.00	57216.62	99		0	57216.62
8042428	09/03/16	201006	62	N	225.00	395974.71	6907853.65	1114.00	57220.09	69		0	57220.09
8042428	09/03/16	201022	62	N	225.00	395975.68	6907854.65	1115.00	57264.92	99		2	
8042428	09/03/16	201110	62	N	237.50	395984.94	6907868.79	1115.00	57228.07	99		0	57228.07
8042428	09/03/16	201146	62	N	250.00	395992.48	6907875.16	1119.00	57182.53	99		0	57182.53
8042428	09/03/16	201230	62	N	262.50	396002.37	6907882.38	1121.00	57200.46	99		0	57200.46
8042428	09/03/16	201314	62	N	275.00	396013.17	6907895.11	1125.00	57201.62	89		0	57201.62
8042428	09/03/16	201358	62	N	287.50	396017.52	6907904.82	1128.00	57254.96	99		0	57254.96
8042428	09/03/16	201434	62	N	300.00	396019.95	6907914.07	1131.00	57187.67	99		0	57187.67
8042428	09/03/16	201526	62	N	312.50	396027.92	6907924.16	1133.00	57249.81	99		0	57249.81
8042428	09/03/16	201606	62	N	325.00	396034.43	6907933.08	1136.00	57033.88	29		0	57033.88
8042428	09/03/16	201626	62	N	325.00	396034.42	6907931.37	1136.00	57140.72	99		2	
8042428	09/03/16	201710	62	N	337.50	396041.06	6907941.92	1138.00	57128.87	59		0	57128.87
8042428	09/03/16	201750	62	N	350.00	396047.11	6907951.22	1143.00	57181.41	89		0	57181.41
8042428	09/03/16	201826	62	N	362.50	396054.18	6907962.18	1144.00	57067.74	99		0	57067.74
8042428	09/03/16	201910	62	N	375.00	396061.67	6907974.75	1147.00	57244.67	99		0	57244.67
8042428	09/03/16	201946	62	N	387.50	396069.17	6907981.26	1147.00	57315.54	99		0	57315.54
8042428	09/03/16	202022	62	N	400.00	396076.07	6907992.68	1150.00	57199.29	69		0	57199.29
8042428	09/03/16	202102	62	N	412.50	396081.35	6908000.85	1152.00	57121.16	99		0	57121.16
8042428	09/03/16	202222	62	N	425.00	396091.03	6908010.16	1154.00	56956.23	9		0	56956.23
8042428	09/03/16	202246	62	N	425.00	396091.41	6908012.15	1150.00	57129.98	79		2	
8042428	09/03/16	202342	62	N	437.50	396098.41	6908018.58	1156.00	57052.98	59		0	57052.98
8042428	09/03/16	202426	62	N	450.00	396105.57	6908024.04	1157.00	57123.89	89		0	57123.89
8042428	09/03/16	202522	62	N	462.50	396115.91	6908030.41	1160.00	57115.57	89		0	57115.57
8042428	09/03/16	202642	62	N	475.00	396119.92	6908041.18	1163.00	57044.31	69		0	57044.31
8042428	09/03/16	202734	62	N	487.50	396128.63	6908055.60	1165.00	57152.05	79		0	57152.05
8042428	09/03/16	202814	62	N	500.00	396134.18	6908064.14	1164.00	57257.46	99		0	57257.46
8042428	09/03/16	202846	62	N	512.50	396135.04	6908074.23	1163.00	57211.53	69		0	57211.53
8042428	09/03/16	202922	62	N	525.00	396139.52	6908084.12	1164.00	57269.4	99		0	57269.40
8042428	09/03/16	202958	62	N	537.50	396148.96	6908094.94	1166.00	57321.91	99		0	57321.91
8042428	09/03/16	203030	62	N	550.00	396158.22	6908105.41	1169.00	57268.14	99		0	57268.14
8042428	09/03/16	203102	62	N	562.50	396164.34	6908113.48	1167.00	57111.75	89		0	57111.75
8042428	09/03/16	203134	62	N	575.00	396169.92	6908122.53	1170.00	57280.13	99		0	57280.13
8042428	09/03/16	203206	62	N	587.50	396176.87	6908133.50	1170.00	57264.3	79		0	57264.30
8042428	09/03/16	203246	62	N	600.00	396185.49	6908144.83	1171.00	57214.52	89		0	57214.52
8042428	09/03/16	203318	62	N	612.50	396194.09	6908155.56	1172.00	57187.13	49		0	57187.13
8042428	09/03/16	203334	62	N	612.50	396194.38	6908155.56	1171.00	57188.94	99		1	
8042428	09/03/16	203402	62	N	625.00	396198.75	6908161.07	1171.00	57281.1	99		0	57281.10
8042428	09/03/16	203438	62	N	637.50	396206.41	6908172.73	1174.00	57279.82	89		0	57279.82
8042428	09/03/16	203510	62	N	650.00	396214.20	6908183.45	1176.00	57171.14	99		0	57171.14
8042428	09/03/16	203554	62	N	662.50	396220.66	6908191.58	1177.00	57233.25	99		0	57233.25
8042428	09/03/16	203634	62	N	675.00	396228.41	6908201.46	1177.00	57183.53	49		0	57183.53
8042428	09/03/16	203650	62	N	675.00	396228.34	6908201.41	1178.00	57180.92	49		1	
8042428	09/03/16	203706	62	N	675.00	396228.10	6908201.48	1176.00	57233.2	99		2	
8042428	09/03/16	203742	62	N	687.50	396236.31	6908211.77	1178.00	57165.93	79		0	57165.93
8042428	09/03/16	203818	62	N	700.00	396242.90	6908219.33	1179.00	57189.41	89		0	57189.41
8042428	09/03/16	203906	62	N	712.50	396249.76	6908228.38	1180.00	57128.64	49		0	57128.64
8042428	09/03/16	203926	62	N	712.50	396249.37	6908228.66	1179.00	57166.26	99		2	
8042428	09/03/16	204002	62	N	725.00	396254.93	6908240.81	1180.00	57132.83	99		0	57132.83
8042428	09/03/16	204038	62	N	737.50	396259.50	6908250.25	1179.00	57089.09	89		0	57089.09
8042428	09/03/16	204110	62	N	750.00	396266.52	6908259.95	1179.00	57255.41	79		0	57255.41
8042428	09/03/16	204142	62	N	762.50	396272.56	6908270.88	1179.00	57131.62	99		0	57131.62
8042428	09/03/16	204218	62	N	775.00	396279.18	6908280.33	1178.00	57031.29	89		0	57031.29
8042428	09/03/16	204250	62	N	787.50	396285.26	6908290.52	1178.00	57073.39	49		0	57073.39
8042428	09/03/16	204310	62	N	787.								

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042428	09/03/16	205930	62	N	1112.50	396461.15	6908551.84	1203.00	57226.96	99		0	57226.96
8042428	09/03/16	210002	62	N	1125.00	396468.93	6908562.69	1204.00	57247.88	99		0	57247.88
8042428	09/03/16	210026	62	N	1137.50	396474.92	6908572.17	1205.00	57348.7	99		0	57348.70
8042428	09/03/16	210054	62	N	1150.00	396482.09	6908582.05	1206.00	57253.9	99		0	57253.90
8042428	09/03/16	210122	62	N	1162.50	396488.97	6908591.31	1207.00	57358.84	99		0	57358.84
8042428	09/03/16	210150	62	N	1175.00	396498.62	6908602.99	1207.00	57244.63	79		0	57244.63
8042428	09/03/16	210222	62	N	1187.50	396506.41	6908611.58	1208.00	57358.18	99		0	57358.18
8042428	09/03/16	210250	62	N	1200.00	396516.66	6908619.92	1209.00	57307.56	99		0	57307.56
8042428	09/03/16	210318	62	N	1212.50	396522.90	6908631.10	1208.00	57270.78	99		0	57270.78
8042428	09/03/16	210346	62	N	1225.00	396527.42	6908641.40	1209.00	57227.27	99		0	57227.27
8042428	09/03/16	210418	62	N	1237.50	396533.71	6908651.42	1209.00	57295.25	99		0	57295.25
8042428	09/03/16	210442	62	N	1250.00	396539.59	6908660.42	1209.00	57327.47	99		0	57327.47
8042428	09/03/16	210518	62	N	1262.50	396548.51	6908670.08	1210.00	57271.85	99		0	57271.85
8042428	09/03/16	210534	62	N	1262.50	396548.13	6908669.96	1211.00	57272.04	99		1	
8042428	09/03/16	211150	64	N	1262.50	396626.18	6908606.79	1207.00	57347.12	99		0	57347.12
8042428	09/03/16	211206	64	N	1262.50	396626.50	6908606.89	1207.00	57342.43	99		1	
8042428	09/03/16	211234	64	N	1262.50	396626.75	6908607.03	1207.00	57347.14	99		1	
8042428	09/03/16	211310	64	N	1250.00	396619.71	6908595.24	1208.00	57360.44	99		0	57360.44
8042428	09/03/16	211350	64	N	1237.50	396611.96	6908587.98	1205.00	57306.58	99		0	57306.58
8042428	09/03/16	211426	64	N	1225.00	396604.40	6908577.82	1206.00	57186.51	99		0	57186.51
8042428	09/03/16	211458	64	N	1212.50	396595.03	6908568.37	1206.00	57324.63	99		0	57324.63
8042428	09/03/16	211542	64	N	1200.00	396587.91	6908560.83	1205.00	57441.42	99		0	57441.42
8042428	09/03/16	211614	64	N	1187.50	396577.36	6908550.64	1205.00	57429.06	99		0	57429.06
8042428	09/03/16	211714	64	N	1175.00	396574.94	6908542.27	1204.00	57277.66	99		0	57277.66
8042428	09/03/16	211746	64	N	1162.50	396567.06	6908532.07	1203.00	57354.3	99		0	57354.30
8042428	09/03/16	211814	64	N	1150.00	396560.66	6908522.51	1204.00	57218.66	89		0	57218.66
8042428	09/03/16	211846	64	N	1137.50	396554.15	6908508.70	1202.00	57332.32	99		0	57332.32
8042428	09/03/16	211910	64	N	1125.00	396549.67	6908501.05	1202.00	57277.39	99		0	57277.39
8042428	09/03/16	211950	64	N	1112.50	396542.06	6908489.06	1201.00	57336.23	99		0	57336.23
8042428	09/03/16	212026	64	N	1100.00	396537.16	6908478.54	1200.00	57227.52	99		0	57227.52
8042428	09/03/16	212058	64	N	1087.50	396529.56	6908467.41	1199.00	57236.33	99		0	57236.33
8042428	09/03/16	212134	64	N	1075.00	396518.46	6908457.13	1198.00	57190.21	99		0	57190.21
8042428	09/03/16	212202	64	N	1062.50	396514.26	6908450.58	1198.00	57181.64	99		0	57181.64
8042428	09/03/16	212238	64	N	1050.00	396508.98	6908443.86	1197.00	57211.54	79		0	57211.54
8042428	09/03/16	212310	64	N	1037.50	396502.49	6908435.23	1195.00	57303.31	99		0	57303.31
8042428	09/03/16	212342	64	N	1025.00	396494.95	6908423.90	1194.00	57330.59	89		0	57330.59
8042428	09/03/16	212418	64	N	1012.50	396487.09	6908412.46	1192.00	57254.72	99		0	57254.72
8042428	09/03/16	212450	64	N	1000.00	396479.02	6908400.15	1191.00	57198.47	99		0	57198.47
8042428	09/03/16	212522	64	N	987.50	396472.37	6908389.55	1193.00	57152.58	89		0	57152.58
8042428	09/03/16	212550	64	N	975.00	396465.86	6908380.31	1191.00	57029.79	19		0	57029.79
8042428	09/03/16	212634	64	N	962.50	396458.49	6908370.94	1189.00	57159.07	99		0	57159.07
8042428	09/03/16	212710	64	N	950.00	396450.67	6908359.93	1190.00	57134.34	99		0	57134.34
8042428	09/03/16	212738	64	N	937.50	396443.67	6908350.53	1189.00	57188.04	99		0	57188.04
8042428	09/03/16	212814	64	N	925.00	396438.44	6908341.66	1189.00	57386.24	69		0	57386.24
8042428	09/03/16	212846	64	N	912.50	396431.52	6908329.22	1189.00	57180.16	99		0	57180.16
8042428	09/03/16	212918	64	N	900.00	396425.78	6908318.78	1189.00	57194.33	99		0	57194.33
8042428	09/03/16	212946	64	N	887.50	396419.46	6908307.29	1189.00	57258.38	99		0	57258.38
8042428	09/03/16	213130	64	N	875.00	396413.07	6908296.22	1189.00	57228.71	99		0	57228.71
8042428	09/03/16	213214	64	N	862.50	396406.83	6908287.82	1189.00	57243.16	99		0	57243.16
8042428	09/03/16	213254	64	N	850.00	396401.14	6908277.51	1187.00	57235.38	79		0	57235.38
8042428	09/03/16	213310	64	N	850.00	396401.32	6908277.37	1187.00	57236.12	89		1	
8042428	09/03/16	213350	64	N	837.50	396394.18	6908264.30	1186.00	57200.25	89		0	57200.25
8042428	09/03/16	213422	64	N	825.00	396386.09	6908254.29	1187.00	57286.41	69		0	57286.41
8042428	09/03/16	213438	64	N	825.00	396386.09	6908254.48	1187.00	57225.09	99		2	
8042428	09/03/16	213506	64	N	812.50	396378.89	6908245.21	1188.00	57251.14	99		0	57251.14
8042428	09/03/16	213538	64	N	800.00	396373.34	6908235.05	1186.00	57181.39	99		0	57181.39
8042428	09/03/16	213606	64	N	787.50	396366.15	6908225.31	1187.00	57283.18	79		0	57283.18
8042428	09/03/16	213634	64	N	775.00	396359.09	6908214.24	1188.00	57245.44	99		0	57245.44
8042428	09/03/16	213706	64	N	762.50	396349.11	6908203.52	1187.00	57238.3	99		0	57238.30
8042428	09/03/16	213734	64	N	750.00	396341.48	6908194.23	1187.00	57186.58	99		0	57186.58
8042428	09/03/16	213758	64	N	737.50	396335.43	6908186.74	1187.00	57205.8	99		0	57205.80
8042428	09/03/16	213830	64	N	725.00	396326.25	6908175.82	1185.00	57221.31	99		0	57221.31
8042428	09/03/16	213906	64	N	712.50	396321.27	6908166.74	1188.00	57153.83	99		0	57153.83
8042428	09/03/16	213942	64	N	700.00	396315.79	6908156.91	1187.00	57195.78	99		0	57195.78
8042428	09/03/16	214014	64	N	687.50	396308.04	6908146.84	1187.00	57179.92	99		0	57179.92
8042428	09/03/16	214046	64	N	675.00	396301.73	6908136.41	1188.00	57242.73	99		0	57242.73
8042428	09/03/16	214118	64	N	662.50	396294.85	6908126.85	1186.00	57281.99	79		0	57281.99
8042428	09/03/16	214134	64	N	662.50	396295.07	6908127.31	1188.00	57280.43	99		1	
8042428	09/03/16	214210	64	N	650.00	396288.17	6908116.18	1187.00	57312.03	99		0	57312.03
8042428	09/03/16	214246	64	N	637.50	396280.24	6908106.63	1186.00	57322.68	99		0	57322.68
8042428	09/03/16	214314	64	N	625.00	396273.17	6908096.72	1186.00	57275.69	99		0	57275.69
8042428	09/03/16	214342	64	N	612.50	396266.82	6908087.63	1187.00	57250.55	99		0	57250.55
8042428	09/03/16	214422	64	N	600.00	396258.44	6908076.59	1183.00	57327.54	89		0	57327.54
8042428	09/03/16	214458	64	N	587.50	396251.20	6908065.87	1187.00	57194.63	99		0	57194.63
8042428	09/03/16	214534	64	N	575.00	396244.25	6908058.38	1183.00	57314.78	99		0	57314.78
8042428	09/03/16	214618	64	N	562.50	396236.58	6908046.95	1180.00	57229.22	99		0	57229.22
8042428	09/03/16	214702	64	N	550.00	396230.10	6908036.65	1176.00	57205.41	99		0	57205.41
8042428	09/03/16	214734	64	N	537.50	396225.34	6908028.52	1177.00	57133.29	99		0	57133.29
8042428	09/03/16	214858	64	N	525.00	396217.45	6908015.94	1175.00	57136.28	99		0	57136.28
8042428	09/03/16	214930	64	N	512.50	396210.29	6908004.64	1172.00	57182.25	89		0	57182.25
8042428	09/03/16	215042	64	N	500.00	396203.41	6908001.38	1171.00	57203.53	69		0	57203.53
8042428	09/03/16	215058	64	N	500.00	396203.19	6908000.63	1174.00	57211.36	69		1	
8042428	09/03/16	215142	64	N	487.50								

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042428	09/03/16	220822	64	N	212.50	396050.75	6907774.12	1114.00	57218.43	99		0	57218.43
8042428	09/03/16	220858	64	N	200.00	396044.68	6907764.66	1110.00	57211.05	99		0	57211.05
8042428	09/03/16	220934	64	N	187.50	396037.66	6907753.38	1112.00	57222.12	89		0	57222.12
8042428	09/03/16	221006	64	N	175.00	396031.28	6907743.17	1108.00	57135.91	99		0	57135.91
8042428	09/03/16	221038	64	N	162.50	396020.96	6907735.42	1105.00	57193.59	99		0	57193.59
8042428	09/03/16	221126	64	N	150.00	396017.29	6907728.28	1102.00	57204.85	99		0	57204.85
8042428	09/03/16	221214	64	N	137.50	396009.52	6907718.39	1102.00	57242.12	99		0	57242.12
8042428	09/03/16	221258	64	N	125.00	396001.98	6907701.61	1097.00	57192.39	49		0	57192.39
8042428	09/03/16	221318	64	N	125.00	396001.20	6907700.53	1099.00	57178.16	99		2	
8042428	09/03/16	221354	64	N	112.50	395995.38	6907691.02	1094.00	57174.95	79		0	57174.95
8042428	09/03/16	221422	64	N	100.00	395989.90	6907683.91	1091.00	57203.68	99		0	57203.68
8042428	09/03/16	221502	64	N	87.50	395979.97	6907678.94	1089.00	57124.75	99		0	57124.75
8042428	09/03/16	221526	64	N	75.00	395974.55	6907669.76	1087.00	57138.18	99		0	57138.18
8042428	09/03/16	221610	64	N	62.50	395967.74	6907660.43	1084.00	57099.06	99		0	57099.06
8042428	09/03/16	221642	64	N	50.00	395962.06	6907650.02	1081.00	57091.96	99		0	57091.96
8042428	09/03/16	221730	64	N	37.50	395953.74	6907640.11	1078.00	57066.89	59		0	57066.89
8042428	09/03/16	221754	64	N	37.50	395953.62	6907639.11	1078.00	57058.45	99		1	
8042428	09/03/16	221838	64	N	25.00	395943.25	6907631.32	1075.00	57040.92	99		0	57040.92
8042428	09/03/16	221918	64	N	12.50	395937.66	6907622.12	1072.00	57039.74	99		0	57039.74
8042428	09/03/16	221934	64	N	12.50	395938.13	6907622.95	1072.00	57036.97	99		1	
8042428	09/03/16	230654	66	N	0.00	396661.26	6908407.36	1198.00	57168.55	99		0	57168.55
8042428	09/03/16	230710	66	N	0.00	396661.04	6908407.24	1197.00	57169.07	99		1	
8042428	09/03/16	230726	66	N	0.00	396660.78	6908407.44	1197.00	57165.67	99		1	
8042428	09/03/16	230802	66	N	12.50	396667.07	6908419.98	1197.00	57093.07	79		0	57093.07
8042428	09/03/16	230834	66	N	25.00	396675.81	6908428.77	1199.00	57236.16	79		0	57236.16
8042428	09/03/16	230850	66	N	25.00	396676.44	6908428.80	1199.00	57243.12	89		1	
8042428	09/03/16	230922	66	N	37.50	396684.41	6908437.52	1200.00	57115.4	89		0	57115.40
8042428	09/03/16	230954	66	N	50.00	396693.20	6908444.74	1201.00	57194.53	99		0	57194.53
8042428	09/03/16	231026	66	N	62.50	396702.29	6908455.18	1204.00	57208.51	79		0	57208.51
8042428	09/03/16	231042	66	N	62.50	396702.66	6908455.52	1204.00	57251.58	99		2	
8042428	09/03/16	231114	66	N	75.00	396710.45	6908465.87	1204.00	57271.12	99		0	57271.12
8042428	09/03/16	231146	66	N	87.50	396718.44	6908476.08	1203.00	57300.49	99		0	57300.49
8042428	09/03/16	231218	66	N	100.00	396724.02	6908483.47	1204.00	57370.42	99		0	57370.42
8042428	09/03/16	231250	66	N	112.50	396731.44	6908493.00	1203.00	57302.24	99		0	57302.24
8042428	09/03/16	231326	66	N	125.00	396739.53	6908503.82	1204.00	57202.95	79		0	57202.95
8042428	09/03/16	231358	66	N	137.50	396746.17	6908515.38	1204.00	57482.64	99		0	57482.64
8042428	09/03/16	231430	66	N	150.00	396752.74	6908526.20	1204.00	57313.46	89		0	57313.46
8042428	09/03/16	231458	66	N	162.50	396755.95	6908536.28	1204.00	57363.27	99		0	57363.27
8042428	09/03/16	231530	66	N	175.00	396759.97	6908548.91	1204.00	57263.33	99		0	57263.33
8042428	09/03/16	231610	66	N	187.50	396770.27	6908557.89	1205.00	57287.08	99		0	57287.08
8042428	09/03/16	231654	66	N	200.00	396777.83	6908566.52	1205.00	57293.26	99		0	57293.26
8042428	09/03/16	231726	66	N	212.50	396786.18	6908576.76	1205.00	57080.27	99		0	57080.27
8042428	09/03/16	231758	66	N	225.00	396792.77	6908585.24	1205.00	57289.52	99		0	57289.52
8042428	09/03/16	231826	66	N	237.50	396800.68	6908594.24	1205.00	57201.72	99		0	57201.72
8042428	09/03/16	231858	66	N	250.00	396808.59	6908603.87	1204.00	57126.49	99		0	57126.49
8042428	09/03/16	231934	66	N	262.50	396816.06	6908612.22	1205.00	57112.88	99		0	57112.88
8042428	09/03/16	232006	66	N	275.00	396825.63	6908621.78	1206.00	57069.44	59		0	57069.44
8042428	09/03/16	232038	66	N	287.50	396835.58	6908632.74	1206.00	57071.44	99		0	57071.44
8042428	09/03/16	232110	66	N	300.00	396845.68	6908643.27	1206.00	57174.15	99		0	57174.15
8042428	09/03/16	232218	66	N	312.50	396851.19	6908653.52	1207.00	57169.02	99		0	57169.02
8042428	09/03/16	232258	66	N	325.00	396859.02	6908662.13	1206.00	57111.25	99		0	57111.25
8042428	09/03/16	232322	66	N	337.50	396864.64	6908668.17	1206.00	57024.61	69		0	57024.61
8042428	09/03/16	232338	66	N	337.50	396864.54	6908668.20	1206.00	57044.24	79		2	
8042428	09/03/16	232414	66	N	350.00	396869.59	6908680.47	1205.00	57145.81	99		0	57145.81
8042428	09/03/16	232442	66	N	362.50	396875.21	6908690.73	1205.00	56996.44	59		0	56996.44
8042428	09/03/16	232514	66	N	375.00	396883.51	6908701.12	1205.00	57027.99	99		0	57027.99
8042428	09/03/16	232546	66	N	387.50	396888.81	6908710.15	1205.00	57048.99	99		0	57048.99
8042428	09/03/16	232614	66	N	400.00	396895.84	6908717.21	1205.00	57082.51	79		0	57082.51
8042428	09/03/16	232646	66	N	412.50	396904.57	6908725.66	1206.00	57031.77	89		0	57031.77
8042428	09/03/16	232714	66	N	425.00	396912.92	6908733.41	1206.00	57061.53	69		0	57061.53
8042428	09/03/16	232730	66	N	425.00	396913.06	6908733.55	1205.00	57087.49	89		2	
8042428	09/03/16	232758	66	N	437.50	396921.39	6908743.18	1204.00	57040.13	69		0	57040.13
8042428	09/03/16	232822	66	N	450.00	396929.03	6908750.98	1205.00	57159.27	99		0	57159.27
8042428	09/03/16	232906	66	N	462.50	396938.08	6908762.67	1205.00	57112.53	99		0	57112.53
8042428	09/03/16	232934	66	N	475.00	396946.15	6908771.85	1205.00	57093.75	99		0	57093.75
8042428	09/03/16	233002	66	N	487.50	396954.23	6908780.24	1205.00	57112.69	99		0	57112.69
8042428	09/03/16	233034	66	N	500.00	396962.67	6908790.87	1204.00	57000.22	69		0	57000.22
8042428	09/03/16	233054	66	N	500.00	396962.93	6908790.78	1204.00	57084.55	89		2	
8042428	09/03/16	233134	66	N	512.50	396972.27	6908804.74	1203.00	57061.9	99		0	57061.90
8042428	09/03/16	233206	66	N	525.00	396978.14	6908816.43	1202.00	57100.69	69		0	57100.69
8042428	09/03/16	233230	66	N	537.50	396980.42	6908821.73	1202.00	57098.2	99		0	57098.20
8042428	09/03/16	233302	66	N	550.00	396985.58	6908830.23	1202.00	57038.96	69		0	57038.96
8042428	09/03/16	233322	66	N	550.00	396985.74	6908830.10	1202.00	57080.59	99		2	
8042428	09/03/16	233906	68	N	550.00	397062.13	6908790.78	1214.00	57191.52	99		0	57191.52
8042428	09/03/16	233926	68	N	550.00	397062.35	6908790.69	1214.00	57205.94	99		2	
8042428	09/03/16	234018	68	N	550.00	397062.17	6908790.56	1214.00	57198.41	99		1	
8042428	09/03/16	234306	68	N	537.50	397054.02	6908779.25	1214.00	57136.52	99		0	57136.52
8042428	09/03/16	234438	68	N	525.00	397046.87	6908770.97	1213.00	57288.61	79		0	57288.61
8042428	09/03/16	234510	68	N	512.50	397038.79	6908761.89	1214.00	57207.44	99		0	57207.44
8042428	09/03/16	234538	68	N	500.00	397031.75	6908752.66	1214.00	57217.75	59		0	57217.75
8042428	09/03/16	234554	68	N	487.50	397031.10	6908752.12	1214.00	57214.05	99		0	57214.05
8042428	09/03/16	234634	68	N	475.00	397025.15	6908742.04	1214.00	57099.32	99		0	57099.32
8042428	09/03/16	234718	68	N	462.50	397016.73	6908731.43	1214.00	57300.05	89		0	57300.05
8042428	09/03/16												

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042428	09/03/16	534	68	N	162.50	396844.07	6908497.96	1210.00	57212.8	99		0	57212.80
8042428	09/03/16	602	68	N	150.00	396837.41	6908487.88	1209.00	57307.92	99		0	57307.92
8042428	09/03/16	630	68	N	137.50	396831.38	6908476.51	1207.00	57234.52	99		0	57234.52
8042428	09/03/16	702	68	N	125.00	396821.99	6908465.39	1206.00	57181.47	99		0	57181.47
8042428	09/03/16	730	68	N	112.50	396813.84	6908453.71	1207.00	57156.73	99		0	57156.73
8042428	09/03/16	754	68	N	100.00	396807.73	6908445.04	1206.00	57149.94	99		0	57149.94
8042428	09/03/16	818	68	N	87.50	396801.72	6908437.45	1207.00	57198.61	99		0	57198.61
8042428	09/03/16	846	68	N	75.00	396792.40	6908427.64	1205.00	57271.85	99		0	57271.85
8042428	09/03/16	918	68	N	62.50	396783.63	6908417.95	1207.00	57182.11	99		0	57182.11
8042428	09/03/16	946	68	N	50.00	396776.36	6908408.14	1207.00	57179.4	89		0	57179.40
8042428	09/03/16	1018	68	N	37.50	396767.74	6908395.60	1207.00	57129.21	99		0	57129.21
8042428	09/03/16	1106	68	N	25.00	396764.31	6908390.27	1208.00	57156.21	89		0	57156.21
8042428	09/03/16	1158	68	N	12.50	396756.32	6908380.50	1210.00	57189.91	99		0	57189.91
8042428	09/03/16	1226	68	N	0.00	396750.70	6908370.17	1208.00	57150.19	99		0	57150.19
8042428	09/03/16	1254	68	N	-12.50	396741.26	6908361.68	1205.00	57216.03	79		0	57216.03
8042428	09/03/16	1350	68	N	-25.00	396737.18	6908350.07	1206.00	57233.77	99		1	
8042428	09/03/16	1406	68	N	-25.00	396737.20	6908350.23	1207.00	57228.56	99		1	
8042428	09/03/16	1426	68	N	-25.00	396737.07	6908350.36	1207.00	56929.12	99		0	56929.12
1124844	09/03/16	163406	57	N	462.50	395885.56	6908239.95	1170.00	57414.65	99		0	57414.65
1124844	09/03/16	163454	57	N	475.00	395890.56	6908251.65	1171.00	57378.32	99		0	57378.32
1124844	09/03/16	163530	57	N	487.50	395897.21	6908263.11	1172.00	57327.6	99		0	57327.60
1124844	09/03/16	163610	57	N	500.00	395902.66	6908273.93	1173.00	57385.32	99		0	57385.32
1124844	09/03/16	163650	57	N	512.50	395910.63	6908281.94	1175.00	57319.93	99		0	57319.93
1124844	09/03/16	163750	57	N	525.00	395917.18	6908293.01	1177.00	57301.33	99		0	57301.33
1124844	09/03/16	163830	57	N	537.50	395926.09	6908302.40	1179.00	57359.4	99		0	57359.40
1124844	09/03/16	163914	57	N	550.00	395931.71	6908314.86	1180.00	57384.55	99		0	57384.55
1124844	09/03/16	163934	57	N	550.00	395931.24	6908313.54	1181.00	57384.79	99		1	
1124844	09/03/16	163958	57	N	550.00	395930.90	6908313.76	1182.00	57397.27	99		2	
1124844	09/03/16	164050	57	N	562.50	395938.70	6908322.99	1183.00	57355.25	99		0	57355.25
1124844	09/03/16	164142	57	N	575.00	395946.44	6908333.05	1183.00	57351.32	99		0	57351.32
1124844	09/03/16	164242	57	N	587.50	395954.03	6908343.69	1186.00	57334.58	99		0	57334.58
1124844	09/03/16	164358	57	N	600.00	395960.90	6908357.38	1187.00	57317.91	99		0	57317.91
1124844	09/03/16	164538	57	N	612.50	395960.52	6908357.08	1190.00	57317.96	99		0	57317.96
1124844	09/03/16	164606	57	N	612.50	395960.48	6908357.11	1190.00	57320.98	99		1	
1124844	09/03/16	164746	57	N	612.50	395960.49	6908357.11	1189.00	57313.91	99		1	
1124844	09/03/16	165058	57	N	625.00	395972.25	6908367.04	1189.00	57331.92	99		0	57331.92
1124844	09/03/16	165506	57	N	625.00	395971.89	6908368.21	1188.00	57325.68	99		1	
1124844	09/03/16	165754	57	N	637.50	395977.90	6908376.43	1190.00	57319.54	99		0	57319.54
1124844	09/03/16	165922	57	N	650.00	395985.52	6908392.74	1192.00	57309.96	99		0	57309.96
1124844	09/03/16	170002	57	N	662.50	395992.99	6908399.70	1194.00	57296.06	99		0	57296.06
1124844	09/03/16	170042	57	N	675.00	395998.85	6908408.87	1195.00	57254.74	99		0	57254.74
1124844	09/03/16	170138	57	N	687.50	396008.73	6908418.14	1196.00	57270.32	99		0	57270.32
1124844	09/03/16	170214	57	N	700.00	396017.05	6908427.88	1198.00	57325.54	99		0	57325.54
1124844	09/03/16	170322	57	N	712.50	396023.87	6908440.44	1203.00	57323.24	99		0	57323.24
1124844	09/03/16	170358	57	N	725.00	396028.43	6908448.77	1203.00	57305.65	99		0	57305.65
1124844	09/03/16	170450	57	N	737.50	396034.37	6908462.14	1203.00	57243.73	99		0	57243.73
1124844	09/03/16	170538	57	N	750.00	396041.08	6908474.32	1203.00	57225.65	99		0	57225.65
1124844	09/03/16	170622	57	N	762.50	396049.18	6908486.78	1205.00	57231.16	99		0	57231.16
1124844	09/03/16	170654	57	N	775.00	396056.53	6908494.41	1205.00	57253.99	99		0	57253.99
1124844	09/03/16	170742	57	N	787.50	396064.92	6908507.03	1204.00	57243.42	99		0	57243.42
1124844	09/03/16	170914	57	N	800.00	396072.84	6908518.29	1204.75	57249.31	99		0	57249.31
1124844	09/03/16	170954	57	N	812.50	396080.76	6908529.54	1205.50	57259.44	99		0	57259.44
1124844	09/03/16	171030	57	N	825.00	396088.68	6908540.80	1206.25	57261.33	99		0	57261.33
1124844	09/03/16	171138	57	N	837.50	396096.60	6908552.05	1207.00	57254.97	99		0	57254.97
1124844	09/03/16	171214	57	N	850.00	396104.52	6908563.31	1207.75	57247.14	99		0	57247.14
1124844	09/03/16	171246	57	N	862.50	396112.44	6908574.56	1208.50	57246.48	99		0	57246.48
1124844	09/03/16	171322	57	N	875.00	396120.36	6908585.82	1209.25	57323.1	99		0	57323.10
1124844	09/03/16	171358	57	N	887.50	396128.28	6908597.07	1210.00	57280.3	99		0	57280.30
1124844	09/03/16	171446	57	N	900.00	396136.20	6908608.33	1210.75	57271.76	99		0	57271.76
1124844	09/03/16	171534	57	N	912.50	396144.12	6908619.58	1211.50	57318.07	99		0	57318.07
1124844	09/03/16	171622	57	N	925.00	396152.04	6908630.84	1212.25	57300.11	99		0	57300.11
1124844	09/03/16	171702	57	N	937.50	396159.96	6908642.09	1213.00	57298.18	99		0	57298.18
1124844	09/03/16	171818	57	N	950.00	396167.88	6908653.35	1213.75	57299.76	99		0	57299.76
1124844	09/03/16	171858	57	N	962.50	396175.80	6908664.60	1214.50	57305.88	99		0	57305.88
1124844	09/03/16	171950	57	N	975.00	396183.72	6908675.86	1215.25	57297.1	99		0	57297.10
1124844	09/03/16	172038	57	N	975.00	396191.64	6908687.11	1216.00	57289.53	99		1	
1124844	09/03/16	172134	57	N	987.50	396199.56	6908698.37	1216.75	57279.29	99		0	57279.29
1124844	09/03/16	172226	57	N	1000.00	396207.48	6908709.62	1217.50	57262.73	99		0	57262.73
1124844	09/03/16	172302	57	N	1012.50	396215.40	6908720.88	1218.25	57270.94	99		0	57270.94
1124844	09/03/16	172338	57	N	1025.00	396223.32	6908732.13	1219.00	57265.5	99		0	57265.50
1124844	09/03/16	172410	57	N	1037.50	396231.24	6908743.39	1219.75	57359.99	99		0	57359.99
1124844	09/03/16	172450	57	N	1050.00	396239.16	6908754.64	1220.50	57276.66	99		0	57276.66
1124844	09/03/16	172522	57	N	1062.50	396247.08	6908765.90	1221.25	57305.45	99		0	57305.45
1124844	09/03/16	174858	57	N	1075.00	396255.00	6908777.15	1222.00	-216.66	6		9	
1124844	09/03/16	175026	57	N	1075.00	396253.02	6908778.49	1223.00	57328.83	39		0	57328.83
1124844	09/03/16	175126	57	N	1075.00	396253.26	6908779.11	1224.00	57268.57	98		2	
1124844	09/03/16	175254	57	N	1075.00	396253.11	6908779.44	1224.00	57262.16	98		1	
1124844	09/03/16	175326	57	N	1087.50	396258.37	6908787.40	1224.00	57260.04	98		0	57260.04
1124844	09/03/16	175414	57	N	1100.00	396266.85	6908795.39	1223.00	57327.9	98		0	57327.90
1124844	09/03/16	175454	57	N	1112.50	396274.92	6908804.65	1222.00	57352.86	98		0	57352.86
1124844	09/03/16	175530	57	N	1125.00	396282.42	6908816.94	1220.00	57299.8	98		0	57299.80
1124844	09/03/16	175602	57	N	1137.50	396290.34	6908828.07	1217.00	57242.17	78		0	57242.17
1124844	09/03/16	175726	57	N	1150.00	396297.73	6908837.31	1213.00	57215.01	58		0	57215.01
1124844	09/03/16	175750											

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/03/16	183122	59	N	1487.50	396245.58	6908498.51	1195.00	57275.73	98		0	57275.73
1124844	09/03/16	183202	59	N	1500.00	396235.04	6908488.99	1193.00	57236.31	98		0	57236.31
1124844	09/03/16	183242	59	N	1512.50	396230.24	6908477.75	1193.00	57248.37	98		0	57248.37
1124844	09/03/16	183334	59	N	1525.00	396220.59	6908470.58	1191.00	57243.28	98		0	57243.28
1124844	09/03/16	183410	59	N	1537.50	396213.78	6908458.88	1189.00	57233.37	98		0	57233.37
1124844	09/03/16	183450	59	N	1550.00	396204.40	6908449.26	1189.00	57208.94	98		0	57208.94
1124844	09/03/16	183522	59	N	1562.50	396199.57	6908438.78	1188.00	57231.33	98		0	57231.33
1124844	09/03/16	183558	59	N	1575.00	396194.24	6908425.17	1187.00	57224.8	98		0	57224.80
1124844	09/03/16	183634	59	N	1587.50	396185.77	6908414.04	1186.00	57205.58	98		0	57205.58
1124844	09/03/16	183710	59	N	1600.00	396177.82	6908403.21	1184.00	57215.23	98		0	57215.23
1124844	09/03/16	183742	59	N	1612.50	396172.96	6908391.37	1184.00	57227.14	98		0	57227.14
1124844	09/03/16	183818	59	N	1625.00	396164.18	6908382.91	1183.00	57246.89	98		0	57246.89
1124844	09/03/16	183902	59	N	1637.50	396156.00	6908371.61	1184.00	57280.58	98		0	57280.58
1124844	09/03/16	183934	59	N	1650.00	396151.23	6908359.01	1180.00	57223.48	98		0	57223.48
1124844	09/03/16	184010	59	N	1662.50	396145.20	6908348.26	1179.00	57262.8	98		0	57262.80
1124844	09/03/16	184046	59	N	1675.00	396133.71	6908338.77	1178.00	57260.04	98		0	57260.04
1124844	09/03/16	184126	59	N	1687.50	396127.53	6908330.79	1178.00	57283.79	98		0	57283.79
1124844	09/03/16	184226	59	N	1700.00	396117.52	6908317.60	1175.00	57318.05	98		0	57318.05
1124844	09/03/16	184302	59	N	1712.50	396108.31	6908307.85	1174.00	57343.68	98		0	57343.68
1124844	09/03/16	184334	59	N	1725.00	396102.46	6908297.07	1173.00	57351.48	78		0	57351.48
1124844	09/03/16	184434	59	N	1737.50	396095.85	6908287.19	1169.00	57359.92	98		0	57359.92
1124844	09/03/16	184506	59	N	1750.00	396088.04	6908278.12	1170.00	57323.81	98		0	57323.81
1124844	09/03/16	184542	59	N	1762.50	396083.12	6908265.23	1167.00	57352.63	98		0	57352.63
1124844	09/03/16	184618	59	N	1775.00	396075.30	6908252.04	1163.00	57363.41	98		0	57363.41
1124844	09/03/16	184646	59	N	1787.50	396068.80	6908243.01	1161.00	57275.1	78		0	57275.10
1124844	09/03/16	184718	59	N	1800.00	396061.27	6908232.26	1161.00	57233.43	98		0	57233.43
1124844	09/03/16	184754	59	N	1812.50	396053.25	6908222.33	1159.00	57277.16	98		0	57277.16
1124844	09/03/16	184830	59	N	1825.00	396044.64	6908212.71	1157.00	57300.4	98		0	57300.40
1124844	09/03/16	184910	59	N	1837.50	396039.09	6908199.90	1153.00	57281.69	98		0	57281.69
1124844	09/03/16	184954	59	N	1850.00	396030.64	6908190.51	1151.00	57333.43	98		0	57333.43
1124844	09/03/16	185030	59	N	1862.50	396023.81	6908179.81	1150.00	57333.07	98		0	57333.07
1124844	09/03/16	185110	59	N	1875.00	396017.05	6908169.49	1148.00	57306.17	98		0	57306.17
1124844	09/03/16	185158	59	N	1887.50	396010.03	6908158.62	1146.00	57260.91	98		0	57260.91
1124844	09/03/16	185230	59	N	1900.00	396003.65	6908147.61	1144.00	57350.03	98		0	57350.03
1124844	09/03/16	185338	59	N	1912.50	395998.99	6908136.75	1142.00	57269.8	98		0	57269.80
1124844	09/03/16	185458	59	N	1925.00	395991.18	6908125.80	1139.00	57134.3	98		0	57134.30
1124844	09/03/16	185606	59	N	1937.50	395985.03	6908118.39	1141.00	57210.18	98		0	57210.18
1124844	09/03/16	185646	59	N	1950.00	395979.24	6908111.00	1138.00	57144.73	98		0	57144.73
1124844	09/03/16	185718	59	N	1962.50	395974.17	6908103.63	1137.00	57253.86	98		0	57253.86
1124844	09/03/16	185754	59	N	1975.00	395972.06	6908094.55	1136.00	57281.75	98		0	57281.75
1124844	09/03/16	185858	59	N	1987.50	395963.11	6908088.59	1133.00	57221.69	98		0	57221.69
1124844	09/03/16	190002	59	N	2000.00	395954.39	6908078.24	1130.00	57189.35	98		0	57189.35
1124844	09/03/16	190054	59	N	2012.50	395946.34	6908070.65	1128.00	57192.53	98		0	57192.53
1124844	09/03/16	190158	59	N	2025.00	395934.93	6908058.38	1125.00	57216.33	98		0	57216.33
1124844	09/03/16	190346	59	N	2037.50	395927.17	6908043.63	1123.00	57242.52	98		0	57242.52
1124844	09/03/16	190434	59	N	2050.00	395922.64	6908035.12	1122.00	57225.57	98		0	57225.57
1124844	09/03/16	190506	59	N	2062.50	395915.08	6908027.82	1119.00	57203.48	98		0	57203.48
1124844	09/03/16	190558	59	N	2075.00	395910.79	6908016.28	1120.00	57278.9	98		0	57278.90
1124844	09/03/16	190638	59	N	2087.50	395907.40	6908005.29	1117.00	57265.99	98		0	57265.99
1124844	09/03/16	190714	59	N	2100.00	395902.14	6907996.82	1116.00	57360.31	98		0	57360.31
1124844	09/03/16	190750	59	N	2112.50	395894.02	6907987.20	1111.00	57361.46	98		0	57361.46
1124844	09/03/16	190826	59	N	2125.00	395885.30	6907979.83	1107.00	57246.56	98		0	57246.56
1124844	09/03/16	190910	59	N	2137.50	395879.55	6907968.01	1106.00	57257.52	98		0	57257.52
1124844	09/03/16	190942	59	N	2150.00	395873.91	6907958.44	1106.00	57221.47	98		0	57221.47
1124844	09/03/16	191014	59	N	2162.50	395865.61	6907946.38	1102.00	57275.53	98		0	57275.53
1124844	09/03/16	191054	59	N	2175.00	395857.41	6907935.01	1098.00	57205.22	98		0	57205.22
1124844	09/03/16	191202	59	N	2187.50	395845.69	6907929.16	1098.00	57234.1	98		0	57234.10
1124844	09/03/16	191234	59	N	2200.00	395838.00	6907921.90	1098.00	57201.33	98		0	57201.33
1124844	09/03/16	191310	59	N	2212.50	395833.59	6907909.99	1093.00	57221.14	68		0	57221.14
1124844	09/03/16	191358	59	N	2225.00	395827.75	6907899.47	1095.00	57227.92	48		0	57227.92
1124844	09/03/16	191434	59	N	2237.50	395819.64	6907889.28	1089.00	57294.66	48		0	57294.66
1124844	09/03/16	191510	59	N	2250.00	395812.33	6907879.31	1085.00	57220.33	98		0	57220.33
1124844	09/03/16	191550	59	N	2262.50	395803.74	6907866.95	1085.00	57262.16	68		0	57262.16
1124844	09/03/16	191638	59	N	2275.00	395795.32	6907860.30	1084.00	57236.35	48		0	57236.35
1124844	09/03/16	191726	59	N	2287.50	395788.24	6907850.81	1079.00	57152.05	78		0	57152.05
1124844	09/03/16	191802	59	N	2300.00	395779.89	6907840.52	1076.00	57155.33	98		0	57155.33
1124844	09/03/16	191834	59	N	2312.50	395772.69	6907829.82	1072.00	57269.26	58		0	57269.26
1124844	09/03/16	191922	59	N	2325.00	395766.69	6907818.01	1069.00	57211.77	78		0	57211.77
1124844	09/03/16	192002	59	N	2337.50	395761.58	6907807.56	1063.00	57158.46	98		0	57158.46
1124844	09/03/16	192058	59	N	2350.00	395762.90	6907795.52	1063.00	57178.88	98		0	57178.88
1124844	09/03/16	192138	59	N	2362.50	395758.09	6907783.26	1063.00	57242.65	98		0	57242.65
1124844	09/03/16	192210	59	N	2375.00	395751.20	6907772.77	1061.00	57222.7	98		0	57222.70
1124844	09/03/16	192238	59	N	2387.50	395743.47	6907767.54	1057.00	57137.04	98		0	57137.04
1124844	09/03/16	192318	59	N	2400.00	395734.80	6907758.35	1056.00	57191.9	98		0	57191.90
1124844	09/03/16	192338	59	N	2400.00	395734.66	6907756.90	1056.00	57188.71	98		1	57188.71
1124844	09/03/16	195542	61	N	0.00	395820.94	6907709.20	1068.00	57151.08	77		0	57151.08
1124844	09/03/16	195602	61	N	0.00	395821.05	6907709.19	1067.00	57126.9	97		2	57126.9
1124844	09/03/16	195658	61	N	12.50	395827.83	6907720.72	1070.00	57126.98	67		0	57126.98
1124844	09/03/16	195726	61	N	12.50	395828.48	6907721.54	1070.00	57113.01	97		2	57113.01
1124844	09/03/16	195802	61	N	25.00	395836.91	6907731.04	1073.00	57129.87	97		0	57129.87
1124844	09/03/16	195842	61	N	37.50	395843.22	6907739.80	1076.00	57190.47	98		0	57190.47
1124844	09/03/16	195926	61	N	50.00	395850.27	6907751.96	1078.00	57243.05	97			

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/03/16	202106	61	N	425.00	396048.58	6908056.41	1150.00	57187.18	38		0	57187.18
1124844	09/03/16	202226	61	N	437.50	396058.39	6908064.89	1152.00	57179.87	97		0	57179.87
1124844	09/03/16	202302	61	N	450.00	396067.65	6908070.41	1153.00	57193.37	97		0	57193.37
1124844	09/03/16	202402	61	N	462.50	396077.14	6908079.72	1156.00	57189.66	97		0	57189.66
1124844	09/03/16	202442	61	N	475.00	396086.70	6908091.10	1157.00	57276.69	97		0	57276.69
1124844	09/03/16	202550	61	N	487.50	396093.63	6908100.10	1158.00	57368.15	98		0	57368.15
1124844	09/03/16	202654	61	N	500.00	396099.59	6908109.32	1159.00	57318.17	97		0	57318.17
1124844	09/03/16	202738	61	N	512.50	396104.57	6908121.48	1159.00	57277	97		0	57277.00
1124844	09/03/16	202826	61	N	525.00	396111.40	6908131.39	1161.00	57308	97		0	57308.00
1124844	09/03/16	202922	61	N	537.50	396115.09	6908140.78	1161.00	57335.93	97		0	57335.93
1124844	09/03/16	202954	61	N	550.00	396124.35	6908150.78	1164.00	57356.76	97		0	57356.76
1124844	09/03/16	203034	61	N	562.50	396131.64	6908160.70	1165.00	57364.23	97		0	57364.23
1124844	09/03/16	203114	61	N	575.00	396138.79	6908171.08	1166.00	57319.82	97		0	57319.82
1124844	09/03/16	203150	61	N	587.50	396149.60	6908179.14	1167.00	57361.39	97		0	57361.39
1124844	09/03/16	203222	61	N	600.00	396156.36	6908190.22	1167.00	57294.32	97		0	57294.32
1124844	09/03/16	203254	61	N	612.50	396163.05	6908200.72	1168.00	57212.56	97		0	57212.56
1124844	09/03/16	203338	61	N	625.00	396171.69	6908212.71	1169.00	57305.5	97		0	57305.50
1124844	09/03/16	203410	61	N	637.50	396178.28	6908222.29	1170.00	57361.05	97		0	57361.05
1124844	09/03/16	203454	61	N	650.00	396183.55	6908232.48	1171.00	57350.82	97		0	57350.82
1124844	09/03/16	203706	61	N	662.50	396190.63	6908241.78	1170.00	57316.76	97		0	57316.76
1124844	09/03/16	203810	61	N	675.00	396197.29	6908255.38	1170.00	57199.59	97		0	57199.59
1124844	09/03/16	203842	61	N	687.50	396202.90	6908265.85	1170.00	57217.64	97		0	57217.64
1124844	09/03/16	203910	61	N	700.00	396208.81	6908274.20	1171.00	57255.99	97		0	57255.99
1124844	09/03/16	204010	61	N	712.50	396218.12	6908286.94	1171.00	57225.92	97		0	57225.92
1124844	09/03/16	204206	61	N	725.00	396226.72	6908296.59	1170.00	57218.02	87		0	57218.02
1124844	09/03/16	204254	61	N	737.50	396233.60	6908306.94	1172.00	57193.26	97		0	57193.26
1124844	09/03/16	204346	61	N	750.00	396240.08	6908317.44	1173.00	57205.49	97		0	57205.49
1124844	09/03/16	204418	61	N	762.50	396248.17	6908326.75	1175.00	57187.43	97		0	57187.43
1124844	09/03/16	204450	61	N	775.00	396258.47	6908336.15	1176.00	57208.11	97		0	57208.11
1124844	09/03/16	204518	61	N	787.50	396263.17	6908347.66	1177.00	57191.12	97		0	57191.12
1124844	09/03/16	204550	61	N	800.00	396271.37	6908357.51	1178.00	57187.11	98		0	57187.11
1124844	09/03/16	204630	61	N	812.50	396278.40	6908367.93	1181.00	57188.62	97		0	57188.62
1124844	09/03/16	204710	61	N	825.00	396286.22	6908377.51	1182.00	57211.96	97		0	57211.96
1124844	09/03/16	204746	61	N	837.50	396292.90	6908388.83	1183.00	57229.22	97		0	57229.22
1124844	09/03/16	204818	61	N	850.00	396299.31	6908398.74	1185.00	57201.93	97		0	57201.93
1124844	09/03/16	204902	61	N	862.50	396307.52	6908410.88	1187.00	57212.42	77		0	57212.42
1124844	09/03/16	204938	61	N	875.00	396310.13	6908420.28	1187.00	57222.08	97		0	57222.08
1124844	09/03/16	205018	61	N	887.50	396318.12	6908431.92	1190.00	57215.42	97		0	57215.42
1124844	09/03/16	205046	61	N	900.00	396325.24	6908440.79	1191.00	57225.08	37		0	57225.08
1124844	09/03/16	205118	61	N	912.50	396332.42	6908450.60	1192.00	57257.91	97		0	57257.91
1124844	09/03/16	205150	61	N	925.00	396341.75	6908461.22	1193.00	57259.29	97		0	57259.29
1124844	09/03/16	205222	61	N	937.50	396349.25	6908472.18	1194.00	57269.29	77		0	57269.29
1124844	09/03/16	205302	61	N	950.00	396355.28	6908483.02	1196.00	57269.16	97		0	57269.16
1124844	09/03/16	205346	61	N	962.50	396363.08	6908492.80	1195.00	57291.55	98		0	57291.55
1124844	09/03/16	205422	61	N	975.00	396368.53	6908503.93	1196.00	57299.49	97		0	57299.49
1124844	09/03/16	205502	61	N	987.50	396378.11	6908518.87	1197.00	57252.27	97		0	57252.27
1124844	09/03/16	205538	61	N	1000.00	396381.98	6908528.07	1199.00	57257.23	97		0	57257.23
1124844	09/03/16	205614	61	N	1012.50	396389.95	6908536.14	1200.00	57339.87	77		0	57339.87
1124844	09/03/16	205650	61	N	1025.00	396397.80	6908544.10	1202.00	57259.45	97		0	57259.45
1124844	09/03/16	205718	61	N	1037.50	396406.01	6908551.60	1203.00	57225.52	97		0	57225.52
1124844	09/03/16	205750	61	N	1050.00	396412.22	6908563.08	1203.00	57238.15	97		0	57238.15
1124844	09/03/16	205830	61	N	1062.50	396421.81	6908573.39	1204.00	57252.9	77		0	57252.90
1124844	09/03/16	205902	61	N	1075.00	396429.17	6908584.06	1206.00	57252.43	97		0	57252.43
1124844	09/03/16	205930	61	N	1087.50	396434.39	6908593.59	1207.00	57270.33	97		0	57270.33
1124844	09/03/16	210002	61	N	1100.00	396442.26	6908605.12	1207.00	57264.77	97		0	57264.77
1124844	09/03/16	210034	61	N	1112.50	396447.18	6908617.05	1208.00	57399.43	97		0	57399.43
1124844	09/03/16	210106	61	N	1125.00	396454.27	6908626.75	1208.00	57341.49	97		0	57341.49
1124844	09/03/16	210138	61	N	1137.50	396460.79	6908636.18	1208.00	57398.38	97		0	57398.38
1124844	09/03/16	210214	61	N	1150.00	396464.74	6908647.71	1210.00	57281.36	97		0	57281.36
1124844	09/03/16	210246	61	N	1162.50	396471.91	6908659.89	1211.00	57328.52	97		0	57328.52
1124844	09/03/16	210318	61	N	1175.00	396482.42	6908668.95	1211.00	57248.24	97		0	57248.24
1124844	09/03/16	210346	61	N	1187.50	396490.17	6908677.53	1211.00	57254.98	97		0	57254.98
1124844	09/03/16	210422	61	N	1200.00	396496.38	6908685.39	1211.00	57260.57	97		0	57260.57
1124844	09/03/16	210450	61	N	1212.50	396502.12	6908694.87	1212.00	57323.79	97		0	57323.79
1124844	09/03/16	210510	61	N	1212.50	396502.00	6908694.89	1211.00	57324.14	87		0	57324.14
1124844	09/03/16	211314	63	N	1200.00	396583.51	6908634.84	1208.00	57213.67	97		0	57213.67
1124844	09/03/16	211342	63	N	1200.00	396583.52	6908634.70	1208.00	57217.15	97		0	57217.15
1124844	09/03/16	211434	63	N	1187.50	396573.93	6908616.91	1208.00	57259.62	98		0	57259.62
1124844	09/03/16	211522	63	N	1175.00	396565.51	6908606.30	1208.00	57323.07	98		0	57323.07
1124844	09/03/16	211558	63	N	1162.50	396559.06	6908597.61	1208.00	57410.28	98		0	57410.28
1124844	09/03/16	211630	63	N	1150.00	396551.30	6908586.61	1207.00	57401.99	98		0	57401.99
1124844	09/03/16	211702	63	N	1137.50	396542.62	6908577.59	1206.00	57518.09	98		0	57518.09
1124844	09/03/16	211738	63	N	1125.00	396531.46	6908562.07	1205.00	57322.49	98		0	57322.49
1124844	09/03/16	211806	63	N	1112.50	396525.89	6908552.89	1205.00	57394.69	98		0	57394.69
1124844	09/03/16	211838	63	N	1100.00	396520.54	6908543.37	1204.00	57469.86	98		0	57469.86
1124844	09/03/16	212022	63	N	1087.50	396511.90	6908531.44	1203.00	57271.4	98		0	57271.40
1124844	09/03/16	212058	63	N	1075.00	396505.68	6908519.83	1202.00	57374.77	97		0	57374.77
1124844	09/03/16	212126	63	N	1062.50	396496.76	6908512.05	1200.00	57431.59	98		0	57431.59
1124844	09/03/16	212158	63	N	1050.00	396487.59	6908503.11	1200.00	57280.91	98		0	57280.91
1124844	09/03/16	212238	63	N	1037.50	396481.13	6908490.00	1200.00	57377.16	98		0	57377.16
1124844	09/03/16	212310	63	N	1025.00	396475.75	6908481.04	1199.00	57424.05	98		0	57424.05
1124844	09/03/16	212350	63	N	1012.50	396466.93	6908472.39	1198.00	57306.33	97		0	57306.33
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Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/03/16	214054	63	N	637.50	396253.85	6908162.15	1179.00	57232.55	97		0	57232.55
1124844	09/03/16	214138	63	N	625.00	396245.52	6908152.79	1176.00	57277.25	88		0	57277.25
1124844	09/03/16	214234	63	N	612.50	396234.60	6908145.86	1177.00	57253.57	97		0	57253.57
1124844	09/03/16	214414	63	N	600.00	396228.90	6908129.77	1176.00	57233.25	98		0	57233.25
1124844	09/03/16	214458	63	N	587.50	396221.06	6908120.02	1174.00	57248.74	97		0	57248.74
1124844	09/03/16	214538	63	N	575.00	396213.05	6908106.42	1173.00	57238.22	97		0	57238.22
1124844	09/03/16	214610	63	N	562.50	396204.58	6908096.96	1170.00	57230.59	98		0	57230.59
1124844	09/03/16	214642	63	N	550.00	396196.87	6908086.82	1170.00	57302.12	98		0	57302.12
1124844	09/03/16	214746	63	N	537.50	396189.24	6908077.46	1168.00	57294.47	98		0	57294.47
1124844	09/03/16	214814	63	N	525.00	396186.37	6908065.51	1168.00	57236.89	97		0	57236.89
1124844	09/03/16	214850	63	N	512.50	396183.82	6908051.55	1168.00	57278.74	97		0	57278.74
1124844	09/03/16	214922	63	N	500.00	396176.06	6908043.37	1167.00	57319.26	98		0	57319.26
1124844	09/03/16	215018	63	N	487.50	396167.91	6908035.64	1165.00	57179.09	98		0	57179.09
1124844	09/03/16	215202	63	N	475.00	396162.93	6908024.54	1165.00	57055.99	97		0	57055.99
1124844	09/03/16	215246	63	N	462.50	396152.76	6908013.80	1163.00	57078.96	97		0	57078.96
1124844	09/03/16	215406	63	N	450.00	396147.35	6908005.42	1163.00	57138.68	98		0	57138.68
1124844	09/03/16	215502	63	N	437.50	396141.66	6907993.84	1162.00	57278.33	97		0	57278.33
1124844	09/03/16	215550	63	N	425.00	396131.65	6907987.21	1157.00	57234.83	97		0	57234.83
1124844	09/03/16	215622	63	N	412.50	396125.46	6907979.27	1156.00	57282.96	97		0	57282.96
1124844	09/03/16	215654	63	N	400.00	396116.45	6907969.75	1155.00	57304.39	97		0	57304.39
1124844	09/03/16	215726	63	N	387.50	396114.99	6907955.67	1154.00	57205.87	97		0	57205.87
1124844	09/03/16	215802	63	N	375.00	396111.80	6907943.59	1149.00	57255.12	97		0	57255.12
1124844	09/03/16	215838	63	N	362.50	396103.50	6907933.39	1147.00	57308.31	78		0	57308.31
1124844	09/03/16	215902	63	N	350.00	396096.42	6907923.90	1142.00	57263.66	77		0	57263.66
1124844	09/03/16	215942	63	N	337.50	396088.27	6907916.04	1141.00	57283.66	97		0	57283.66
1124844	09/03/16	220026	63	N	325.00	396080.25	6907903.66	1138.00	57252.04	98		0	57252.04
1124844	09/03/16	220054	63	N	312.50	396072.57	6907898.41	1136.00	57196.25	97		0	57196.25
1124844	09/03/16	220126	63	N	300.00	396062.09	6907891.04	1132.00	57157.71	98		0	57157.71
1124844	09/03/16	220210	63	N	287.50	396055.92	6907879.64	1130.00	57190.7	97		0	57190.7
1124844	09/03/16	220238	63	N	275.00	396048.45	6907870.78	1128.00	57245.44	97		0	57245.44
1124844	09/03/16	220322	63	N	262.50	396046.29	6907855.10	1123.00	57170.1	88		0	57170.1
1124844	09/03/16	220402	63	N	250.00	396033.08	6907847.37	1121.00	57285.16	57		0	57285.16
1124844	09/03/16	220418	63	N	250.00	396032.45	6907848.45	1121.00	57269.45	98		0	57269.45
1124844	09/03/16	220450	63	N	237.50	396026.19	6907841.70	1121.00	57295.59	98		0	57295.59
1124844	09/03/16	220522	63	N	225.00	396021.41	6907831.66	1117.00	57319.65	98		0	57319.65
1124844	09/03/16	220550	63	N	212.50	396019.20	6907819.61	1115.00	57293.97	97		0	57293.97
1124844	09/03/16	220618	63	N	200.00	396012.91	6907809.71	1113.00	57266.87	97		0	57266.87
1124844	09/03/16	220650	63	N	187.50	396004.17	6907801.60	1111.00	57202.32	98		0	57202.32
1124844	09/03/16	220718	63	N	175.00	396001.14	6907790.47	1110.00	57194.48	97		0	57194.48
1124844	09/03/16	220754	63	N	162.50	395990.75	6907785.33	1108.00	57237.55	67		0	57237.55
1124844	09/03/16	220810	63	N	162.50	395982.82	6907785.22	1106.00	57236.37	97		0	57236.37
1124844	09/03/16	220846	63	N	150.00	395982.82	6907772.76	1104.00	57239.86	97		0	57239.86
1124844	09/03/16	220934	63	N	137.50	395975.03	6907762.35	1100.00	57234.67	98		0	57234.67
1124844	09/03/16	221006	63	N	125.00	395965.49	6907750.96	1097.00	57257.63	98		0	57257.63
1124844	09/03/16	221034	63	N	112.50	395960.11	6907743.32	1094.00	57271.84	98		0	57271.84
1124844	09/03/16	221102	63	N	100.00	395953.60	6907734.54	1094.00	57272.26	97		0	57272.26
1124844	09/03/16	221134	63	N	87.50	395945.62	6907724.82	1092.00	57280.46	97		0	57280.46
1124844	09/03/16	221206	63	N	75.00	395938.19	6907714.65	1089.00	57240.95	97		0	57240.95
1124844	09/03/16	221250	63	N	62.50	395928.15	6907707.91	1085.00	57251.08	97		0	57251.08
1124844	09/03/16	221326	63	N	50.00	395923.19	6907694.52	1085.00	57193.81	67		0	57193.81
1124844	09/03/16	221346	63	N	50.00	395921.81	6907694.16	1084.00	57197.05	78		0	57197.05
1124844	09/03/16	221430	63	N	37.50	395915.13	6907681.73	1081.00	57171	98		0	57171.00
1124844	09/03/16	221506	63	N	25.00	395916.04	6907671.76	1079.00	57160.7	98		0	57160.70
1124844	09/03/16	221550	63	N	12.50	395908.47	6907665.77	1075.00	57135.88	98		0	57135.88
1124844	09/03/16	221642	63	N	0.00	395900.03	6907652.81	1073.00	57144.18	97		0	57144.18
1124844	09/03/16	221658	63	N	0.00	395900.01	6907652.83	1074.00	57144.04	97		0	57144.04
1124844	09/03/16	230934	65	N	0.00	396580.80	6908468.63	1198.00	57200.42	97		0	57200.42
1124844	09/03/16	230954	65	N	0.00	396580.87	6908468.64	1198.00	57204.86	97		0	57204.86
1124844	09/03/16	231046	65	N	12.50	396587.22	6908479.12	1198.00	57235.16	97		0	57235.16
1124844	09/03/16	231122	65	N	25.00	396594.18	6908488.99	1199.00	57289.82	97		0	57289.82
1124844	09/03/16	231206	65	N	37.50	396601.39	6908499.93	1200.00	57358.92	77		0	57358.92
1124844	09/03/16	231234	65	N	50.00	396607.34	6908512.03	1199.00	57289.71	97		0	57289.71
1124844	09/03/16	231310	65	N	62.50	396619.01	6908519.73	1201.00	57373.97	97		0	57373.97
1124844	09/03/16	231338	65	N	75.00	396627.71	6908531.58	1202.00	57446.3	97		0	57446.30
1124844	09/03/16	231406	65	N	87.50	396635.80	6908541.63	1203.00	57257.74	97		0	57257.74
1124844	09/03/16	231430	65	N	100.00	396641.15	6908549.99	1204.00	57226.84	97		0	57226.84
1124844	09/03/16	231458	65	N	112.50	396645.96	6908560.71	1204.00	57244.07	77		0	57244.07
1124844	09/03/16	231534	65	N	125.00	396653.52	6908571.46	1205.00	57240.23	97		0	57240.23
1124844	09/03/16	231602	65	N	137.50	396660.45	6908581.71	1205.00	57402.67	97		0	57402.67
1124844	09/03/16	231630	65	N	150.00	396668.92	6908590.81	1205.00	57299.76	97		0	57299.76
1124844	09/03/16	231658	65	N	162.50	396675.89	6908601.61	1204.00	57250.85	97		0	57250.85
1124844	09/03/16	231734	65	N	175.00	396682.46	6908613.30	1205.00	57247.2	97		0	57247.20
1124844	09/03/16	231758	65	N	187.50	396688.84	6908623.88	1205.00	57228.91	97		0	57228.91
1124844	09/03/16	231826	65	N	200.00	396695.84	6908635.21	1205.00	57094.37	97		0	57094.37
1124844	09/03/16	231854	65	N	212.50	396705.38	6908641.29	1204.00	57139.34	87		0	57139.34
1124844	09/03/16	231926	65	N	225.00	396713.46	6908654.75	1203.00	57283.76	97		0	57283.76
1124844	09/03/16	231950	65	N	237.50	396719.67	6908662.46	1202.00	57256.8	97		0	57256.80
1124844	09/03/16	232018	65	N	250.00	396726.91	6908673.05	1202.00	57202.84	97		0	57202.84
1124844	09/03/16	232046	65	N	262.50	396735.23	6908682.63	1201.00	57381.86	97		0	57381.86
1124844	09/03/16	232114	65	N	275.00	396743.99	6908693.10	1201.00	57260	97		0	57260.00
1124844	09/03/16	232142	65	N	287.50	396750.18	6908703.55	1201.00	57233.26	97		0	57233.26
1124844	09/03/16	232210	65	N	300.00	396754.09	6908714.67	1200.00	57187.36	97		0	57187.36
1124844	09/03/16	232238	65	N	312.50	396761							

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/03/16	234458	67	N	437.50	396958.92	6908739.77	1209.00	57140.54	97		0	57140.54
1124844	09/03/16	234526	67	N	425.00	396951.80	6908730.93	1209.00	57119.41	97		0	57119.41
1124844	09/03/16	234558	67	N	412.50	396941.97	6908722.28	1208.00	57125.54	97		0	57125.54
1124844	09/03/16	234634	67	N	400.00	396936.59	6908711.98	1209.00	57112.28	77		0	57112.28
1124844	09/03/16	234710	67	N	387.50	396930.35	6908700.83	1209.00	57098.79	97		0	57098.79
1124844	09/03/16	234746	67	N	375.00	396921.07	6908691.02	1209.00	57118.87	97		0	57118.87
1124844	09/03/16	234822	67	N	362.50	396913.93	6908677.93	1210.00	57091.55	97		0	57091.55
1124844	09/03/16	234850	67	N	350.00	396906.52	6908666.41	1209.00	57097.98	97		0	57097.98
1124844	09/03/16	234930	67	N	337.50	396897.32	6908656.99	1208.00	57084.06	97		0	57084.06
1124844	09/03/16	235006	67	N	325.00	396891.72	6908648.00	1208.00	57105.51	97		0	57105.51
1124844	09/03/16	235042	67	N	312.50	396885.06	6908637.15	1209.00	57119.07	97		0	57119.07
1124844	09/03/16	235110	67	N	300.00	396879.72	6908627.08	1211.00	57168.37	97		0	57168.37
1124844	09/03/16	235154	67	N	287.50	396873.72	6908616.18	1209.00	57254.5	97		0	57254.50
1124844	09/03/16	235626	67	N	275.00	396864.25	6908604.44	1209.00	57165.32	97		0	57165.32
1124844	09/03/16	235658	67	N	262.50	396856.71	6908594.22	1209.00	57243.67	97		0	57243.67
1124844	09/03/16	235730	67	N	250.00	396849.87	6908582.67	1208.00	57161.99	97		0	57161.99
1124844	09/03/16	235758	67	N	237.50	396842.94	6908572.28	1208.00	57128.1	97		0	57128.10
1124844	09/03/16	235822	67	N	225.00	396836.26	6908563.77	1207.00	57089.32	97		0	57089.32
1124844	09/03/16	235850	67	N	212.50	396828.80	6908554.33	1207.00	57010.59	47		0	57010.59
1124844	09/03/16	235906	67	N	212.50	396828.73	6908554.17	1207.00	57005.88	97		0	57005.88
1124844	09/03/16	235934	67	N	200.00	396821.66	6908543.85	1207.00	57178.29	97		0	57178.29
1124844	09/03/16	6	67	N	187.50	396813.52	6908532.19	1207.00	57145.75	97		0	57145.75
1124844	09/03/16	34	67	N	175.00	396806.59	6908523.37	1206.00	57253.78	97		0	57253.78
1124844	09/03/16	106	67	N	162.50	396798.11	6908510.91	1206.00	57245.82	97		0	57245.82
1124844	09/03/16	138	67	N	150.00	396791.51	6908501.25	1206.00	57256.8	97		0	57256.80
1124844	09/03/16	210	67	N	137.50	396784.11	6908490.84	1205.00	57327.33	97		0	57327.33
1124844	09/03/16	242	67	N	125.00	396776.48	6908480.14	1205.00	57404.13	97		0	57404.13
1124844	09/03/16	322	67	N	112.50	396765.91	6908468.78	1205.00	57277.31	97		0	57277.31
1124844	09/03/16	406	67	N	100.00	396760.66	6908459.61	1203.00	57208.89	97		0	57208.89
1124844	09/03/16	442	67	N	87.50	396752.53	6908450.33	1203.00	57351.95	87		0	57351.95
1124844	09/03/16	514	67	N	75.00	396745.30	6908438.29	1202.00	57278.56	97		0	57278.56
1124844	09/03/16	546	67	N	62.50	396737.70	6908429.06	1202.00	57164.83	97		0	57164.83
1124844	09/03/16	614	67	N	50.00	396731.07	6908421.29	1203.00	57164.47	97		0	57164.47
1124844	09/03/16	646	67	N	37.50	396725.92	6908408.18	1203.00	57146.33	97		0	57146.33
1124844	09/03/16	722	67	N	25.00	396719.33	6908397.88	1202.00	57136.89	97		0	57136.89
1124844	09/03/16	754	67	N	12.50	396711.48	6908387.89	1203.00	57174.28	87		0	57174.28
1124844	09/03/16	822	67	N	0.00	396703.35	6908376.71	1202.00	56988.83	97		0	56988.83
8042728	09/02/16	185634	52	N	850.00	395809.91	6908778.13	1263.00	57360.35	99		0	57360.35
8042728	09/02/16	185650	52	N	850.00	395809.87	6908778.51	1263.00	57360.63	99		1	
8042728	09/02/16	185706	52	N	850.00	395809.87	6908778.59	1263.00	57359.34	99		1	
8042728	09/02/16	185806	52	N	837.50	395801.47	6908769.00	1263.00	57369.97	99		0	57369.97
8042728	09/02/16	185922	52	N	825.00	395793.95	6908759.58	1266.00	57342.5	99		0	57342.50
8042728	09/02/16	185954	52	N	812.50	395785.99	6908750.09	1270.00	57325.76	99		0	57325.76
8042728	09/02/16	190026	52	N	800.00	395779.26	6908739.85	1272.00	57354.05	99		0	57354.05
8042728	09/02/16	190058	52	N	787.50	395773.24	6908729.59	1275.00	57394.6	99		0	57394.60
8042728	09/02/16	190130	52	N	775.00	395764.99	6908718.09	1278.00	57296.82	99		0	57296.82
8042728	09/02/16	190158	52	N	762.50	395758.86	6908708.54	1280.00	57375.77	99		0	57375.77
8042728	09/02/16	190222	52	N	750.00	395752.21	6908698.23	1280.00	57383.51	99		0	57383.51
8042728	09/02/16	190250	52	N	737.50	395745.77	6908687.68	1281.00	57377.84	99		0	57377.84
8042728	09/02/16	190318	52	N	725.00	395739.47	6908675.91	1281.00	57274.49	99		0	57274.49
8042728	09/02/16	190346	52	N	712.50	395731.42	6908665.26	1279.00	57380.71	99		0	57380.71
8042728	09/02/16	190414	52	N	700.00	395723.37	6908652.13	1277.00	57286.41	99		0	57286.41
8042728	09/02/16	190434	52	N	687.50	395718.90	6908644.01	1276.00	57301.5	99		0	57301.50
8042728	09/02/16	190458	52	N	675.00	395713.59	6908635.68	1274.00	57317.06	99		0	57317.06
8042728	09/02/16	190530	52	N	662.50	395706.51	6908625.07	1272.00	57304.89	99		0	57304.89
8042728	09/02/16	190554	52	N	650.00	395699.09	6908616.23	1268.00	57294.34	99		0	57294.34
8042728	09/02/16	190618	52	N	637.50	395692.06	6908606.77	1266.00	57279.49	99		0	57279.49
8042728	09/02/16	190646	52	N	625.00	395682.16	6908595.39	1263.00	57241.18	99		0	57241.18
8042728	09/02/16	190714	52	N	612.50	395674.70	6908582.82	1263.00	57242.61	99		0	57242.61
8042728	09/02/16	190746	52	N	600.00	395668.75	6908572.01	1263.00	57475.18	99		0	57475.18
8042728	09/02/16	190810	52	N	587.50	395664.10	6908563.20	1264.00	57502.97	99		0	57502.97
8042728	09/02/16	190838	52	N	575.00	395659.25	6908551.47	1263.00	57368.64	99		0	57368.64
8042728	09/02/16	190906	52	N	562.50	395654.80	6908539.22	1260.00	57407.13	99		0	57407.13
8042728	09/02/16	190934	52	N	550.00	395648.26	6908529.82	1257.00	57446.87	99		0	57446.87
8042728	09/02/16	191002	52	N	537.50	395641.22	6908521.35	1257.00	57424.88	79		0	57424.88
8042728	09/02/16	191030	52	N	525.00	395633.30	6908512.12	1252.00	57374.99	69		0	57374.99
8042728	09/02/16	191050	52	N	525.00	395633.52	6908513.57	1254.00	57385.24	79		2	
8042728	09/02/16	191106	52	N	525.00	395633.75	6908512.65	1252.00	57451.89	99		2	
8042728	09/02/16	191134	52	N	512.50	395626.31	6908503.73	1254.00	57382.62	99		0	57382.62
8042728	09/02/16	191206	52	N	500.00	395623.33	6908491.85	1246.00	57369.92	99		0	57369.92
8042728	09/02/16	191242	52	N	487.50	395613.34	6908484.80	1243.00	57392	99		0	57392.00
8042728	09/02/16	191318	52	N	475.00	395603.44	6908475.97	1244.00	57367.61	99		0	57367.61
8042728	09/02/16	191350	52	N	462.50	395599.57	6908465.50	1238.00	57363.12	99		0	57363.12
8042728	09/02/16	191426	52	N	450.00	395594.99	6908455.66	1235.00	57281.32	69		0	57281.32
8042728	09/02/16	191458	52	N	437.50	395588.09	6908443.67	1236.00	57414.39	49		0	57414.39
8042728	09/02/16	191514	52	N	437.50	395588.45	6908444.63	1236.00	57384.06	99		2	
8042728	09/02/16	191546	52	N	425.00	395581.43	6908432.64	1233.00	57290.46	99		0	57290.46
8042728	09/02/16	191638	52	N	412.50	395573.54	6908422.57	1232.00	57262.2	99		0	57262.20
8042728	09/02/16	191706	52	N	400.00	395568.09	6908414.55	1234.00	57310.27	99		0	57310.27
8042728	09/02/16	191754	52	N	387.50	395559.99	6908407.62	1233.00	57340.23	99		0	57340.23
8042728	09/02/16	191834	52	N	375.00	395549.66	6908397.66	1228.00	57252.75	99		0	57252.75
8042728	09/02/16	191902	52	N	362.50	395540.13	6908389.57	1224.00	57328.76	99		0	57328.76
8042728	09/02/16	191930	52	N	362.50	395543.60	6908389.26	1227.00	57366.09	99		2	
8042													

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	09/02/16	193630	52	N	12.50	395361.91	6908106.41	1172.00	57213.71	99		0	57213.71
8042728	09/02/16	193734	52	N	0.00	395355.80	6908099.93	1170.00	57208.45	99		0	57208.45
8042728	09/02/16	193818	52	N	-12.50	395352.33	6908086.99	1162.00	57274.5	69		0	57274.50
8042728	09/02/16	193906	52	N	-25.00	395343.12	6908075.83	1156.00	57234.01	99		0	57234.01
8042728	09/02/16	193946	52	N	-37.50	395336.34	6908069.29	1158.00	57304.73	99		0	57304.73
8042728	09/02/16	194022	52	N	-50.00	395330.13	6908057.77	1154.00	57224.63	99		0	57224.63
8042728	09/02/16	194102	52	N	-62.50	395321.66	6908051.49	1150.00	57189.09	79		0	57189.09
8042728	09/02/16	194130	52	N	-75.00	395317.02	6908041.74	1145.00	57179.43	99		0	57179.43
8042728	09/02/16	194146	52	N	-75.00	395316.20	6908039.59	1142.00	57172.68	99		1	
8042728	09/02/16	194202	52	N	-75.00	395316.32	6908036.17	1150.00	57172.81	99		1	
8042728	09/02/16	195350	54	N	-12.50	395450.36	6907967.59	1154.00	57398.63	99		0	57398.63
8042728	09/02/16	195406	54	N	-12.50	395450.28	6907967.22	1154.00	57397.55	99		1	
8042728	09/02/16	195438	54	N	0.00	395450.22	6907967.54	1154.00	57396.27	99		0	57396.27
8042728	09/02/16	195522	54	N	12.50	395458.45	6907979.44	1151.00	57228.36	99		0	57228.36
8042728	09/02/16	195614	54	N	25.00	395463.85	6907992.28	1156.00	57280.09	99		0	57280.09
8042728	09/02/16	195646	54	N	37.50	395466.89	6908000.68	1159.00	57269	99		0	57269.00
8042728	09/02/16	195726	54	N	50.00	395473.54	6908012.68	1159.00	57414.93	99		0	57414.93
8042728	09/02/16	195802	54	N	62.50	395482.21	6908024.92	1163.00	57379.98	99		0	57379.98
8042728	09/02/16	195850	54	N	75.00	395486.93	6908033.67	1163.00	57260.83	99		0	57260.83
8042728	09/02/16	195926	54	N	87.50	395492.51	6908042.15	1163.00	57339.13	99		0	57339.13
8042728	09/02/16	195958	54	N	100.00	395497.81	6908052.88	1166.00	57290.88	99		0	57290.88
8042728	09/02/16	200106	54	N	112.50	395506.77	6908065.12	1171.00	57305.65	99		0	57305.65
8042728	09/02/16	200146	54	N	125.00	395515.62	6908072.58	1170.00	57345.63	99		0	57345.63
8042728	09/02/16	200222	54	N	137.50	395524.17	6908084.42	1169.00	57301.23	99		0	57301.23
8042728	09/02/16	200254	54	N	150.00	395530.22	6908089.76	1173.00	57259.25	99		0	57259.25
8042728	09/02/16	200330	54	N	162.50	395539.37	6908098.95	1171.00	57359.61	99		0	57359.61
8042728	09/02/16	200410	54	N	175.00	395547.63	6908108.54	1175.00	57407.16	99		0	57407.16
8042728	09/02/16	200450	54	N	187.50	395554.01	6908121.71	1170.00	57379.5	99		0	57379.50
8042728	09/02/16	200542	54	N	200.00	395559.22	6908131.38	1173.00	57145.41	99		0	57145.41
8042728	09/02/16	200626	54	N	212.50	395567.41	6908140.98	1175.00	57347.36	99		0	57347.36
8042728	09/02/16	200702	54	N	225.00	395569.91	6908151.71	1177.00	57275.75	99		0	57275.75
8042728	09/02/16	200742	54	N	237.50	395580.89	6908157.40	1181.00	57332.41	99		0	57332.41
8042728	09/02/16	200818	54	N	250.00	395586.54	6908167.49	1179.00	57282.07	99		0	57282.07
8042728	09/02/16	200858	54	N	262.50	395595.47	6908178.67	1177.00	57366.48	99		0	57366.48
8042728	09/02/16	200930	54	N	275.00	395605.38	6908187.03	1181.00	57315.41	99		0	57315.41
8042728	09/02/16	201002	54	N	287.50	395611.18	6908197.03	1184.00	57177.08	99		0	57177.08
8042728	09/02/16	201050	54	N	300.00	395615.54	6908204.74	1185.00	57244.07	99		0	57244.07
8042728	09/02/16	201130	54	N	312.50	395622.80	6908218.20	1186.00	57439.7	89		0	57439.70
8042728	09/02/16	201202	54	N	325.00	395630.45	6908226.76	1189.00	57356.67	99		0	57356.67
8042728	09/02/16	201254	54	N	337.50	395633.56	6908240.53	1189.00	57364.74	99		0	57364.74
8042728	09/02/16	201346	54	N	350.00	395642.24	6908251.74	1193.00	57370.89	99		0	57370.89
8042728	09/02/16	201422	54	N	362.50	395647.81	6908260.05	1193.00	57370.9	99		0	57370.90
8042728	09/02/16	201502	54	N	375.00	395653.49	6908270.34	1195.00	57294.29	69		0	57294.29
8042728	09/02/16	201538	54	N	387.50	395658.41	6908277.24	1196.00	57345.1	99		0	57345.10
8042728	09/02/16	201642	54	N	400.00	395666.61	6908290.53	1199.00	57307.47	99		0	57307.47
8042728	09/02/16	201718	54	N	412.50	395674.83	6908298.80	1201.00	57248.4	99		0	57248.40
8042728	09/02/16	201754	54	N	425.00	395687.41	6908308.82	1204.00	57313.25	99		0	57313.25
8042728	09/02/16	201838	54	N	437.50	395691.41	6908315.75	1204.00	57257.7	99		0	57257.70
8042728	09/02/16	201918	54	N	450.00	395700.12	6908326.23	1205.00	57269.01	99		0	57269.01
8042728	09/02/16	201954	54	N	462.50	395706.64	6908335.01	1206.00	57429.78	99		0	57429.78
8042728	09/02/16	202038	54	N	475.00	395710.09	6908344.91	1208.00	57459.09	99		0	57459.09
8042728	09/02/16	202122	54	N	487.50	395718.94	6908352.94	1212.00	57489.45	99		0	57489.45
8042728	09/02/16	202610	54	N	500.00	395726.14	6908366.01	1213.00	57415.82	99		0	57415.82
8042728	09/02/16	202642	54	N	512.50	395730.58	6908376.22	1215.00	57317.49	99		0	57317.49
8042728	09/02/16	202722	54	N	525.00	395740.16	6908385.35	1217.00	57513.44	99		0	57513.44
8042728	09/02/16	202850	54	N	537.50	395745.55	6908397.96	1221.00	57504.67	99		0	57504.67
8042728	09/02/16	202934	54	N	550.00	395756.17	6908406.80	1226.00	57543.62	99		0	57543.62
8042728	09/02/16	203018	54	N	562.50	395760.43	6908416.68	1225.00	57500.39	99		0	57500.39
8042728	09/02/16	203058	54	N	575.00	395766.57	6908425.08	1226.00	57496.23	99		0	57496.23
8042728	09/02/16	203134	54	N	587.50	395769.90	6908435.05	1231.00	57422.06	99		0	57422.06
8042728	09/02/16	203218	54	N	600.00	395777.75	6908443.55	1231.00	57451.03	99		0	57451.03
8042728	09/02/16	203306	54	N	612.50	395783.36	6908451.12	1231.00	57436.66	99		0	57436.66
8042728	09/02/16	203346	54	N	625.00	395791.66	6908462.58	1238.00	57461.95	99		0	57461.95
8042728	09/02/16	203434	54	N	637.50	395795.89	6908474.84	1235.00	57485.95	99		0	57485.95
8042728	09/02/16	203518	54	N	650.00	395803.33	6908485.41	1237.00	57332.15	99		0	57332.15
8042728	09/02/16	203554	54	N	662.50	395808.36	6908494.93	1238.00	57353.76	99		0	57353.76
8042728	09/02/16	203630	54	N	675.00	395819.11	6908505.31	1238.00	57323.71	99		0	57323.71
8042728	09/02/16	203714	54	N	687.50	395829.42	6908508.55	1240.00	57353.96	99		0	57353.96
8042728	09/02/16	203802	54	N	700.00	395835.53	6908520.18	1238.00	57297.65	99		0	57297.65
8042728	09/02/16	203846	54	N	712.50	395842.97	6908531.96	1239.00	57227.25	99		0	57227.25
8042728	09/02/16	203926	54	N	725.00	395848.55	6908542.65	1239.00	57258.16	99		0	57258.16
8042728	09/02/16	204010	54	N	737.50	395854.46	6908552.77	1242.00	57294.58	99		0	57294.58
8042728	09/02/16	204046	54	N	750.00	395862.77	6908563.71	1241.00	57252.73	99		0	57252.73
8042728	09/02/16	204118	54	N	762.50	395870.24	6908569.98	1240.00	57317.71	99		0	57317.71
8042728	09/02/16	204210	54	N	775.00	395876.47	6908580.90	1240.00	57235.36	99		0	57235.36
8042728	09/02/16	204246	54	N	787.50	395885.37	6908590.99	1243.00	57230.59	99		0	57230.59
8042728	09/02/16	204330	54	N	800.00	395891.14	6908599.71	1243.00	57297.56	99		0	57297.56
8042728	09/02/16	204418	54	N	812.50	395892.74	6908611.08	1246.00	57299.78	99		0	57299.78
8042728	09/02/16	204522	54	N	825.00	395892.43	6908626.97	1249.00	57342.08	99		0	57342.08
8042728	09/02/16	204726	54	N	837.50	395903.82	6908634.76	1247.00	57227.02	99		0	57227.02
8042728	09/02/16	204826	54	N	850.00	395911.72	6908638.85	1243.00	57284.79	99		0	57284.79
8042728	09/02/16	204906	54	N	862.50	395919.84	6908645.86	1242.00	57254.99	99		0	57254.99
8042728	09/02/16	205006	54	N	875.00	395928.69	6908654.80						

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	09/02/16	215258	56	N	950.00	396111.05	6908667.11	1219.00	57206.08	99		0	57206.08
8042728	09/02/16	215330	56	N	937.50	396103.16	6908654.82	1218.00	57253.97	79		0	57253.97
8042728	09/02/16	215406	56	N	925.00	396096.23	6908644.78	1217.00	57173.53	89		0	57173.53
8042728	09/02/16	215438	56	N	912.50	396090.00	6908635.51	1216.00	57249.22	99		0	57249.22
8042728	09/02/16	215506	56	N	900.00	396084.78	6908626.65	1219.00	57194.22	99		0	57194.22
8042728	09/02/16	215554	56	N	887.50	396076.63	6908613.99	1216.00	57174.52	89		0	57174.52
8042728	09/02/16	215630	56	N	875.00	396069.11	6908600.97	1212.00	57221.37	99		0	57221.37
8042728	09/02/16	215714	56	N	862.50	396063.26	6908590.79	1215.00	57185.22	79		0	57185.22
8042728	09/02/16	215742	56	N	850.00	396056.21	6908581.74	1209.00	57204.83	99		0	57204.83
8042728	09/02/16	215810	56	N	837.50	396048.91	6908572.10	1216.00	57142.61	69		0	57142.61
8042728	09/02/16	215850	56	N	825.00	396041.83	6908560.84	1207.00	57210.63	99		0	57210.63
8042728	09/02/16	215930	56	N	812.50	396035.28	6908550.57	1209.00	57297.63	99		0	57297.63
8042728	09/02/16	220026	56	N	800.00	396032.42	6908543.11	1212.00	57213.26	99		0	57213.26
8042728	09/02/16	220110	56	N	787.50	396024.62	6908532.76	1214.00	57190.52	99		0	57190.52
8042728	09/02/16	220326	56	N	775.00	396020.78	6908521.26	1213.00	57123.23	99		0	57123.23
8042728	09/02/16	220414	56	N	775.00	396021.87	6908522.22	1209.00	57124.65	99		1	
8042728	09/02/16	220454	56	N	762.50	396018.22	6908510.30	1208.00	57151.91	99		0	57151.91
8042728	09/02/16	220534	56	N	750.00	396008.88	6908498.07	1208.00	57205.5	79		0	57205.50
8042728	09/02/16	220606	56	N	737.50	396003.08	6908491.98	1207.00	57195.5	99		0	57195.50
8042728	09/02/16	220646	56	N	725.00	395992.71	6908482.80	1205.00	57172.59	99		0	57172.59
8042728	09/02/16	220714	56	N	712.50	395984.62	6908472.70	1203.00	57202.07	99		0	57202.07
8042728	09/02/16	220754	56	N	700.00	395976.33	6908463.17	1199.00	57276.05	99		0	57276.05
8042728	09/02/16	220822	56	N	687.50	395971.09	6908455.54	1203.00	57252.22	79		0	57252.22
8042728	09/02/16	220858	56	N	675.00	395961.13	6908442.48	1201.00	57381.99	69		0	57381.99
8042728	09/02/16	220926	56	N	662.50	395952.35	6908434.63	1201.00	57107.32	79		0	57107.32
8042728	09/02/16	221006	56	N	650.00	395945.74	6908426.73	1200.00	57295.83	69		0	57295.83
8042728	09/02/16	221042	56	N	637.50	395937.94	6908418.78	1198.00	57232.99	79		0	57232.99
8042728	09/02/16	221114	56	N	625.00	395931.46	6908406.81	1198.00	57250.65	99		0	57250.65
8042728	09/02/16	221158	56	N	612.50	395922.50	6908396.61	1196.00	57354.41	99		0	57354.41
8042728	09/02/16	221230	56	N	600.00	395915.59	6908386.05	1195.00	57303.03	99		0	57303.03
8042728	09/02/16	221258	56	N	587.50	395907.69	6908378.70	1193.00	57201.86	89		0	57201.86
8042728	09/02/16	221514	56	N	575.00	395902.83	6908363.22	1194.00	57352.68	89		0	57352.68
8042728	09/02/16	221554	56	N	562.50	395895.76	6908357.96	1189.00	57236.34	99		0	57236.34
8042728	09/02/16	221618	56	N	550.00	395893.16	6908347.49	1190.00	57292.39	99		0	57292.39
8042728	09/02/16	221646	56	N	537.50	395889.33	6908336.09	1187.00	57259.12	89		0	57259.12
8042728	09/02/16	221714	56	N	525.00	395878.41	6908323.41	1184.00	57302.19	99		0	57302.19
8042728	09/02/16	221750	56	N	512.50	395872.20	6908315.30	1182.00	57331.35	99		0	57331.35
8042728	09/02/16	221818	56	N	500.00	395865.36	6908306.02	1181.00	57176	59		0	57176.00
8042728	09/02/16	221842	56	N	487.50	395861.17	6908298.78	1178.00	57334.16	99		0	57334.16
8042728	09/02/16	221914	56	N	475.00	395852.74	6908281.31	1178.00	57314.87	99		0	57314.87
8042728	09/02/16	221942	56	N	462.50	395848.17	6908272.14	1174.00	57274.34	99		0	57274.34
8042728	09/02/16	222022	56	N	450.00	395841.27	6908261.74	1177.00	57326.62	99		0	57326.62
8042728	09/02/16	222102	56	N	437.50	395835.50	6908249.67	1173.00	57329.54	99		0	57329.54
8042728	09/02/16	222126	56	N	425.00	395831.02	6908238.45	1170.00	57215.75	99		0	57215.75
8042728	09/02/16	222214	56	N	412.50	395823.70	6908230.05	1170.00	57209.45	99		0	57209.45
8042728	09/02/16	222330	56	N	400.00	395817.91	6908223.83	1170.00	57205.04	79		0	57205.04
8042728	09/02/16	222402	56	N	387.50	395809.79	6908212.93	1169.00	57283.67	99		0	57283.67
8042728	09/02/16	222434	56	N	375.00	395800.13	6908203.70	1167.00	57193.33	99		0	57193.33
8042728	09/02/16	222502	56	N	362.50	395794.41	6908193.65	1165.00	57172.75	99		0	57172.75
8042728	09/02/16	222530	56	N	350.00	395786.10	6908183.15	1164.00	57174.32	99		0	57174.32
8042728	09/02/16	222602	56	N	337.50	395778.62	6908173.89	1161.00	57141.9	99		0	57141.90
8042728	09/02/16	222634	56	N	325.00	395771.06	6908165.64	1162.00	57160.43	99		0	57160.43
8042728	09/02/16	222706	56	N	312.50	395763.95	6908157.70	1163.00	57173.95	99		0	57173.95
8042728	09/02/16	222738	56	N	300.00	395754.88	6908146.82	1158.00	57198.08	99		0	57198.08
8042728	09/02/16	222802	56	N	287.50	395749.24	6908136.17	1160.00	57209.17	99		0	57209.17
8042728	09/02/16	222834	56	N	275.00	395739.56	6908126.65	1154.00	57191.87	99		0	57191.87
8042728	09/02/16	222914	56	N	262.50	395731.38	6908120.22	1152.00	57224.66	99		0	57224.66
8042728	09/02/16	222950	56	N	250.00	395726.04	6908108.92	1155.00	57156.24	99		0	57156.24
8042728	09/02/16	223018	56	N	237.50	395717.53	6908095.79	1149.00	57171.89	99		0	57171.89
8042728	09/02/16	223042	56	N	225.00	395716.26	6908089.15	1149.00	57122.38	79		0	57122.38
8042728	09/02/16	223114	56	N	212.50	395709.88	6908077.88	1148.00	57087.91	99		0	57087.91
8042728	09/02/16	223142	56	N	200.00	395701.86	6908065.73	1145.00	57172.22	99		0	57172.22
8042728	09/02/16	223210	56	N	187.50	395696.82	6908056.10	1142.00	57230.25	99		0	57230.25
8042728	09/02/16	223254	56	N	175.00	395688.25	6908047.53	1142.00	57272.59	99		0	57272.59
8042728	09/02/16	223322	56	N	162.50	395679.23	6908033.53	1144.00	57186.55	99		0	57186.55
8042728	09/02/16	223350	56	N	150.00	395676.10	6908024.54	1140.00	57240.48	99		0	57240.48
8042728	09/02/16	223418	56	N	137.50	395672.22	6908014.80	1139.00	57225.98	99		0	57225.98
8042728	09/02/16	223450	56	N	125.00	395664.58	6908006.81	1136.00	57239.82	89		0	57239.82
8042728	09/02/16	223522	56	N	112.50	395652.79	6907999.49	1133.00	57186.83	99		0	57186.83
8042728	09/02/16	223554	56	N	100.00	395645.93	6907990.71	1132.00	57125.45	99		0	57125.45
8042728	09/02/16	223622	56	N	87.50	395635.55	6907980.87	1136.00	57235.62	99		0	57235.62
8042728	09/02/16	223650	56	N	75.00	395627.87	6907967.23	1130.00	57193.42	99		0	57193.42
8042728	09/02/16	223722	56	N	62.50	395624.06	6907959.85	1128.00	57210.59	99		0	57210.59
8042728	09/02/16	223746	56	N	50.00	395619.22	6907948.83	1128.00	57215.59	99		0	57215.59
8042728	09/02/16	223818	56	N	37.50	395612.37	6907938.39	1123.00	57254.28	99		0	57254.28
8042728	09/02/16	223846	56	N	25.00	395605.64	6907928.18	1122.00	57240.41	99		0	57240.41
8042728	09/02/16	223922	56	N	12.50	395601.03	6907919.11	1119.00	57132.07	89		0	57132.07
8042728	09/02/16	223950	56	N	0.00	395595.12	6907906.91	1117.00	57133.64	99		0	57133.64
8042728	09/02/16	224018	56	N	-12.50	395589.38	6907907.01	1122.00	57115.41	79		0	57115.41
8042728	09/02/16	224050	56	N	-25.00	395586.66	6907884.89	1115.00	57132.67	79		0	57132.67
8042728	09/02/16	224118	56	N	-37.50	395580.24	6907876.17	1111.00	57099.68	79		0	57099.68
8042728	09/02/16	224202	56	N	-50.00	395571.37	6907870.08	1111.00	57196.7	99		0	57196.70
8042728	09/02/16	224222	56	N	-50.00								

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	09/02/16	232350	58	N	337.50	395839.57	6908086.23	1130.00	57274.9	99		0	57274.90
8042728	09/02/16	232438	58	N	350.00	395844.93	6908097.32	1137.00	57250	99		0	57250.00
8042728	09/02/16	232534	58	N	362.50	395852.93	6908110.32	1136.00	57273.38	99		0	57273.38
8042728	09/02/16	232618	58	N	375.00	395860.07	6908119.94	1140.00	57309.49	99		0	57309.49
8042728	09/02/16	232654	58	N	387.50	395865.56	6908125.40	1141.00	57278.7	99		0	57278.70
8042728	09/02/16	232746	58	N	400.00	395872.95	6908136.86	1144.00	57299.12	99		0	57299.12
8042728	09/02/16	232830	58	N	412.50	395879.34	6908147.39	1145.00	57266.01	99		0	57266.01
8042728	09/02/16	232910	58	N	425.00	395884.16	6908147.31	1145.00	57235.21	99		0	57235.21
8042728	09/02/16	232942	58	N	437.50	395888.22	6908157.80	1147.00	57226.81	99		0	57226.81
8042728	09/02/16	233010	58	N	450.00	395895.81	6908169.57	1147.00	57071.31	99		0	57071.31
8042728	09/02/16	233046	58	N	462.50	395899.63	6908181.16	1151.00	57131.71	99		0	57131.71
8042728	09/02/16	233126	58	N	475.00	395907.12	6908187.29	1151.00	57131.57	89		1	
8042728	09/02/16	233326	58	N	475.00	395917.02	6908196.39	1152.00	57259.95	99		0	57259.95
8042728	09/02/16	233230	58	N	487.50	395916.41	6908195.74	1155.00	57205.59	49		0	57205.59
8042728	09/02/16	233250	58	N	487.50	395916.81	6908196.06	1153.00	57253.53	99		2	
8042728	09/02/16	233422	58	N	487.50	395926.78	6908196.55	1152.00	57249.63	99		1	
8042728	09/02/16	233506	58	N	500.00	395936.84	6908203.93	1154.00	57447.86	99		0	57447.86
8042728	09/02/16	233558	58	N	512.50	395940.58	6908214.64	1158.00	57346.13	99		0	57346.13
8042728	09/02/16	233654	58	N	512.50	395940.56	6908214.74	1158.00	57340.89	99		1	
8042728	09/02/16	233734	58	N	512.50	395940.37	6908214.86	1159.00	57349.52	89		1	
1124844	09/02/16	185742	51	N	850.00	395769.53	6908777.42	1268.00	57358.54	99		0	57358.54
1124844	09/02/16	185758	51	N	850.00	395769.46	6908777.68	1268.00	57356.57	99		1	
1124844	09/02/16	185914	51	N	837.50	395760.63	6908767.42	1268.00	57358.41	99		0	57358.41
1124844	09/02/16	185946	51	N	825.00	395753.33	6908757.04	1269.00	57350.88	99		0	57350.88
1124844	09/02/16	190022	51	N	812.50	395747.23	6908746.06	1272.00	57377.47	99		0	57377.47
1124844	09/02/16	190054	51	N	800.00	395738.63	6908736.17	1273.00	57367.27	99		0	57367.27
1124844	09/02/16	190122	51	N	787.50	395732.07	6908727.06	1274.00	57358.11	99		0	57358.11
1124844	09/02/16	190154	51	N	775.00	395725.44	6908715.53	1275.00	57345	99		0	57345.00
1124844	09/02/16	190226	51	N	762.50	395716.04	6908707.46	1275.00	57347.96	99		0	57347.96
1124844	09/02/16	190322	51	N	750.00	395716.03	6908693.65	1278.00	57354.34	99		0	57354.34
1124844	09/02/16	190354	51	N	737.50	395707.86	6908684.37	1277.00	57338.4	99		0	57338.40
1124844	09/02/16	190430	51	N	725.00	395700.73	6908671.96	1276.00	57374.94	99		0	57374.94
1124844	09/02/16	190502	51	N	712.50	395694.46	6908661.92	1276.00	57367.64	99		0	57367.64
1124844	09/02/16	190542	51	N	700.00	395685.93	6908653.19	1272.00	57367.19	99		0	57367.19
1124844	09/02/16	190622	51	N	687.50	395675.83	6908645.40	1268.00	57356.95	99		0	57356.95
1124844	09/02/16	190654	51	N	675.00	395667.61	6908635.93	1261.00	57323.85	99		0	57323.85
1124844	09/02/16	190722	51	N	662.50	395661.83	6908623.89	1260.00	57344.05	99		0	57344.05
1124844	09/02/16	190754	51	N	650.00	395656.51	6908614.08	1260.00	57322.6	99		0	57322.60
1124844	09/02/16	190826	51	N	637.50	395649.21	6908600.79	1259.00	57294.91	99		0	57294.91
1124844	09/02/16	190858	51	N	625.00	395643.17	6908590.42	1259.00	57283.33	99		0	57283.33
1124844	09/02/16	190930	51	N	612.50	395635.62	6908579.99	1259.00	57483.59	99		0	57483.59
1124844	09/02/16	191010	51	N	600.00	395629.32	6908570.61	1258.00	57491.29	99		0	57491.29
1124844	09/02/16	191102	51	N	587.50	395620.55	6908562.10	1257.00	57367.55	99		0	57367.55
1124844	09/02/16	191134	51	N	575.00	395614.25	6908552.72	1252.00	57422.44	99		0	57422.44
1124844	09/02/16	191214	51	N	562.50	395605.48	6908543.61	1249.00	57415.49	99		0	57415.49
1124844	09/02/16	191242	51	N	550.00	395596.81	6908533.59	1245.00	57446.87	99		0	57446.87
1124844	09/02/16	191314	51	N	537.50	395591.14	6908523.01	1245.00	57480.67	99		0	57480.67
1124844	09/02/16	191346	51	N	525.00	395584.59	6908510.69	1241.00	57517.76	99		0	57517.76
1124844	09/02/16	191426	51	N	512.50	395576.72	6908501.98	1240.00	57434.14	99		0	57434.14
1124844	09/02/16	191458	51	N	500.00	395570.02	6908493.23	1239.00	57331.1	99		0	57331.10
1124844	09/02/16	191534	51	N	487.50	395560.56	6908483.58	1234.00	57028.56	99		0	57028.56
1124844	09/02/16	191758	51	N	475.00	395559.09	6908470.05	1233.00	57354.92	99		0	57354.92
1124844	09/02/16	191830	51	N	462.50	395552.54	6908461.02	1233.00	57359.35	99		0	57359.35
1124844	09/02/16	191854	51	N	450.00	395546.85	6908450.49	1233.00	57337.97	99		0	57337.97
1124844	09/02/16	191922	51	N	437.50	395538.66	6908441.51	1231.00	57304	99		0	57304.00
1124844	09/02/16	191950	51	N	425.00	395529.18	6908429.07	1229.00	57347.12	99		0	57347.12
1124844	09/02/16	192018	51	N	412.50	395524.51	6908420.03	1227.00	57325.75	99		0	57325.75
1124844	09/02/16	192046	51	N	400.00	395515.93	6908409.24	1224.00	57306.18	99		0	57306.18
1124844	09/02/16	192114	51	N	387.50	395507.47	6908398.84	1223.00	57424.83	99		0	57424.83
1124844	09/02/16	192146	51	N	375.00	395495.26	6908392.39	1222.00	57442.79	99		0	57442.79
1124844	09/02/16	192546	51	N	362.50	395490.27	6908382.70	1223.00	57360.55	99		0	57360.55
1124844	09/02/16	192618	51	N	350.00	395485.78	6908370.93	1219.00	57443.42	99		0	57443.42
1124844	09/02/16	192650	51	N	337.50	395477.79	6908360.25	1216.00	57468.13	99		0	57468.13
1124844	09/02/16	192718	51	N	325.00	395470.43	6908349.34	1214.00	57453.48	99		0	57453.48
1124844	09/02/16	192746	51	N	312.50	395465.17	6908339.46	1214.00	57439.56	99		0	57439.56
1124844	09/02/16	192818	51	N	300.00	395457.10	6908327.75	1209.00	57497.93	99		0	57497.93
1124844	09/02/16	192850	51	N	287.50	395449.54	6908314.78	1206.00	57472.93	99		0	57472.93
1124844	09/02/16	192930	51	N	275.00	395439.30	6908303.08	1204.00	57494.66	99		0	57494.66
1124844	09/02/16	193002	51	N	262.50	395432.67	6908294.83	1202.00	57334.19	99		0	57334.19
1124844	09/02/16	193030	51	N	250.00	395426.72	6908286.38	1201.00	57336.73	99		0	57336.73
1124844	09/02/16	193122	51	N	237.50	395421.74	6908277.98	1199.00	57303.67	99		0	57303.67
1124844	09/02/16	193150	51	N	225.00	395415.61	6908267.31	1195.00	57292.49	99		0	57292.49
1124844	09/02/16	193222	51	N	212.50	395407.18	6908258.19	1191.00	57268.11	99		0	57268.11
1124844	09/02/16	193250	51	N	200.00	395399.25	6908248.84	1188.00	57268.96	99		0	57268.96
1124844	09/02/16	193318	51	N	187.50	395390.55	6908238.94	1185.00	57272.05	99		0	57272.05
1124844	09/02/16	193346	51	N	175.00	395383.12	6908224.61	1181.00	57255.09	99		0	57255.09
1124844	09/02/16	193414	51	N	162.50	395377.06	6908218.20	1183.00	57246.29	99		0	57246.29
1124844	09/02/16	193442	51	N	150.00	395367.94	6908203.77	1179.00	57297.93	99		0	57297.93
1124844	09/02/16	193514	51	N	137.50	395364.56	6908195.76	1178.00	57262.62	99		0	57262.62
1124844	09/02/16	193550	51	N	125.00	395358.22	6908183.70	1176.00	57297.94	99		0	57297.94
1124844	09/02/16	193630	51	N	112.50	395348.86	6908175.60	1174.00	57292.28	99		0	57292.28
1124844	09/02/16	193710	51	N	100.00	395346.80	6908163.21	1171.00	57268.97	99		0	57268.97
1124844	09/02/16	193746	51	N	87.50	395335.97	6908153.76	1169.00					

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/02/16	200702	53	N	237.50	395540.36	6908194.01	1184.00	57303.73	99		0	57303.73
1124844	09/02/16	200750	53	N	250.00	395552.21	6908203.26	1190.00	57354.32	99		0	57354.32
1124844	09/02/16	200838	53	N	262.50	395558.82	6908214.02	1196.00	57286.12	99		0	57286.12
1124844	09/02/16	200918	53	N	275.00	395564.34	6908225.20	1197.00	57246.35	99		0	57246.35
1124844	09/02/16	200950	53	N	287.50	395574.54	6908232.71	1199.00	57330.14	99		0	57330.14
1124844	09/02/16	201030	53	N	300.00	395580.73	6908245.06	1198.00	57388.01	99		0	57388.01
1124844	09/02/16	201102	53	N	312.50	395586.07	6908253.81	1199.00	57417.38	99		0	57417.38
1124844	09/02/16	201142	53	N	325.00	395592.70	6908264.91	1202.00	57390.00	99		0	57390.00
1124844	09/02/16	201234	53	N	337.50	395603.94	6908270.92	1202.00	57406.67	99		0	57406.67
1124844	09/02/16	201310	53	N	350.00	395609.33	6908282.43	1203.00	57358.5	99		0	57358.50
1124844	09/02/16	201350	53	N	362.50	395616.61	6908293.97	1208.00	57416.5	99		0	57416.50
1124844	09/02/16	201434	53	N	375.00	395621.60	6908304.54	1208.00	57391.53	99		0	57391.53
1124844	09/02/16	201518	53	N	387.50	395631.75	6908315.61	1208.00	57401.88	99		0	57401.88
1124844	09/02/16	201558	53	N	400.00	395639.18	6908321.31	1211.00	57272.5	99		0	57272.50
1124844	09/02/16	201650	53	N	412.50	395645.82	6908332.31	1214.00	57233.59	99		0	57233.59
1124844	09/02/16	201738	53	N	425.00	395649.48	6908344.61	1215.00	57257.85	99		0	57257.85
1124844	09/02/16	201818	53	N	437.50	395656.14	6908356.18	1219.00	57268.02	99		0	57268.02
1124844	09/02/16	201858	53	N	450.00	395664.85	6908365.14	1219.00	57312.43	99		0	57312.43
1124844	09/02/16	201934	53	N	462.50	395673.41	6908375.80	1220.00	57399.18	99		0	57399.18
1124844	09/02/16	202034	53	N	475.00	395683.44	6908385.68	1223.00	57346.89	99		0	57346.89
1124844	09/02/16	202642	53	N	487.50	395690.51	6908392.96	1225.00	57436.35	99		0	57436.35
1124844	09/02/16	202730	53	N	500.00	395693.00	6908404.44	1227.00	57484.18	99		0	57484.18
1124844	09/02/16	202822	53	N	512.50	395700.40	6908418.08	1230.00	57444.05	99		0	57444.05
1124844	09/02/16	202906	53	N	525.00	395708.71	6908428.03	1232.00	57422.81	99		0	57422.81
1124844	09/02/16	202954	53	N	537.50	395717.03	6908436.69	1235.00	57452.88	99		0	57452.88
1124844	09/02/16	203034	53	N	550.00	395725.96	6908444.83	1236.00	57464.81	99		0	57464.81
1124844	09/02/16	203110	53	N	562.50	395734.15	6908451.99	1237.00	57415.86	99		0	57415.86
1124844	09/02/16	203202	53	N	575.00	395745.60	6908462.73	1240.00	57418.65	99		0	57418.65
1124844	09/02/16	203238	53	N	587.50	395754.25	6908472.26	1243.00	57413.07	99		0	57413.07
1124844	09/02/16	203414	53	N	600.00	395757.92	6908482.14	1245.00	57411.92	99		0	57411.92
1124844	09/02/16	203454	53	N	612.50	395764.87	6908494.60	1247.00	57432.76	99		0	57432.76
1124844	09/02/16	203526	53	N	625.00	395771.71	6908503.78	1249.00	57388.82	99		0	57388.82
1124844	09/02/16	203610	53	N	637.50	395778.25	6908514.87	1249.00	57380.43	99		0	57380.43
1124844	09/02/16	203654	53	N	650.00	395785.54	6908527.42	1249.00	57345.41	99		0	57345.41
1124844	09/02/16	203734	53	N	662.50	395791.83	6908538.09	1250.00	57330.39	99		0	57330.39
1124844	09/02/16	203822	53	N	675.00	395799.22	6908550.17	1250.00	57276.28	99		0	57276.28
1124844	09/02/16	203902	53	N	687.50	395806.73	6908559.94	1250.00	57293.39	99		0	57293.39
1124844	09/02/16	203942	53	N	700.00	395814.43	6908569.28	1251.00	57299.1	99		0	57299.10
1124844	09/02/16	204022	53	N	712.50	395824.90	6908581.06	1252.00	57304.26	99		0	57304.26
1124844	09/02/16	204114	53	N	725.00	395841.61	6908596.27	1253.00	57309.71	99		0	57309.71
1124844	09/02/16	204202	53	N	737.50	395847.69	6908607.08	1255.00	57320.28	99		0	57320.28
1124844	09/02/16	204238	53	N	750.00	395855.00	6908615.48	1256.00	57319.31	99		0	57319.31
1124844	09/02/16	204546	53	N	762.50	395864.11	6908627.10	1255.00	57274.75	99		0	57274.75
1124844	09/02/16	204714	53	N	775.00	395866.58	6908640.74	1257.00	57306.31	99		0	57306.31
1124844	09/02/16	204810	53	N	787.50	395870.34	6908653.61	1256.00	57318.83	99		0	57318.83
1124844	09/02/16	204854	53	N	800.00	395876.36	6908665.89	1256.00	57317.84	99		0	57317.84
1124844	09/02/16	204934	53	N	812.50	395885.30	6908676.27	1252.00	57304.83	99		0	57304.83
1124844	09/02/16	205010	53	N	825.00	395890.40	6908686.41	1252.00	57303.76	99		0	57303.76
1124844	09/02/16	205110	53	N	837.50	395895.30	6908697.66	1251.00	57311.2	99		0	57311.20
1124844	09/02/16	205138	53	N	837.50	395895.26	6908697.60	1251.00	57304.31	99		1	
1124844	09/02/16	213010	55	N	850.00	395975.82	6908631.77	1233.00	57297.91	99		0	57297.91
1124844	09/02/16	213030	55	N	850.00	395975.87	6908631.48	1232.00	57296.28	99		1	
1124844	09/02/16	213138	55	N	837.50	395969.14	6908621.27	1233.00	57313.04	99		0	57313.04
1124844	09/02/16	213242	55	N	825.00	395961.53	6908609.93	1229.00	57277.87	99		0	57277.87
1124844	09/02/16	213318	55	N	812.50	395955.51	6908599.39	1228.00	57338.41	99		0	57338.41
1124844	09/02/16	213358	55	N	800.00	395946.59	6908591.39	1227.00	57264.4	99		0	57264.40
1124844	09/02/16	213430	55	N	787.50	395937.91	6908580.33	1226.00	57286.43	99		0	57286.43
1124844	09/02/16	213514	55	N	775.00	395931.91	6908566.78	1229.00	57277.52	99		0	57277.52
1124844	09/02/16	213550	55	N	762.50	395925.09	6908555.74	1226.00	57290.74	99		0	57290.74
1124844	09/02/16	213618	55	N	750.00	395917.91	6908549.57	1227.00	57259.15	99		0	57259.15
1124844	09/02/16	213702	55	N	737.50	395909.76	6908540.83	1227.00	57268.31	99		0	57268.31
1124844	09/02/16	213734	55	N	725.00	395904.93	6908528.89	1223.00	57258.37	99		0	57258.37
1124844	09/02/16	213814	55	N	712.50	395897.90	6908517.16	1222.00	57261.64	99		0	57261.64
1124844	09/02/16	213858	55	N	700.00	395889.07	6908507.79	1226.00	57298.65	99		0	57298.65
1124844	09/02/16	213942	55	N	687.50	395879.52	6908493.31	1225.00	57391.23	99		0	57391.23
1124844	09/02/16	214014	55	N	675.00	395873.80	6908485.59	1228.00	57377.84	99		0	57377.84
1124844	09/02/16	214146	55	N	662.50	395866.12	6908471.78	1221.00	57296.32	99		0	57296.32
1124844	09/02/16	214250	55	N	650.00	395859.50	6908462.58	1220.00	57385.21	99		0	57385.21
1124844	09/02/16	214342	55	N	637.50	395854.40	6908455.52	1216.00	57366.39	99		0	57366.39
1124844	09/02/16	214418	55	N	625.00	395845.93	6908447.82	1220.00	57382.18	99		0	57382.18
1124844	09/02/16	214450	55	N	612.50	395838.25	6908437.85	1214.00	57339.88	99		0	57339.88
1124844	09/02/16	214530	55	N	600.00	395831.92	6908426.36	1211.00	57349.73	99		0	57349.73
1124844	09/02/16	214606	55	N	587.50	395824.33	6908415.77	1211.00	57387.62	99		0	57387.62
1124844	09/02/16	214642	55	N	575.00	395818.21	6908405.54	1208.00	57446.53	99		0	57446.53
1124844	09/02/16	214718	55	N	562.50	395806.39	6908396.68	1202.00	57434.22	99		0	57434.22
1124844	09/02/16	214754	55	N	550.00	395801.76	6908387.60	1207.00	57468.04	99		0	57468.04
1124844	09/02/16	214834	55	N	537.50	395792.93	6908377.57	1205.00	57481.59	99		0	57481.59
1124844	09/02/16	214918	55	N	525.00	395786.94	6908365.30	1202.00	57498.33	99		0	57498.33
1124844	09/02/16	215002	55	N	512.50	395779.53	6908353.83	1199.00	57413.51	99		0	57413.51
1124844	09/02/16	215034	55	N	500.00	395771.24	6908346.84	1197.00	57351.12	99		0	57351.12
1124844	09/02/16	215202	55	N	487.50	395764.78	6908336.74	1198.00	57439.08	99		0	57439.08
1124844	09/02/16	215234	55	N	475.00	395758.52	6908325.61	1196.00	57470.89	99		0	57470.89
1124844	09/02/16	215310	55	N	462.								

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/02/16	221606	55	N	100.00	395541.38	6908012.19	1149.00	57391.67	99		0	57391.67
1124844	09/02/16	221714	55	N	87.50	395532.68	6907999.98	1146.00	57332.68	99		0	57332.68
1124844	09/02/16	221750	55	N	75.00	395523.73	6907989.29	1145.00	57344.9	99		0	57344.90
1124844	09/02/16	221858	55	N	62.50	395518.13	6907979.52	1144.00	57342.71	99		0	57342.71
1124844	09/02/16	221934	55	N	50.00	395510.74	6907970.73	1142.00	57309.31	99		0	57309.31
1124844	09/02/16	222014	55	N	37.50	395502.62	6907960.34	1142.00	57282.76	99		0	57282.76
1124844	09/02/16	222050	55	N	25.00	395495.67	6907949.63	1138.00	57375.91	99		0	57375.91
1124844	09/02/16	222130	55	N	12.50	395489.65	6907941.31	1137.00	57303.12	99		0	57303.12
1124844	09/02/16	222218	55	N	0.00	395484.50	6907930.48	1134.00	57306.23	99		0	57306.23
1124844	09/02/16	222242	55	N	0.00	395486.08	6907932.05	1135.00	57308.06	99		1	
1124844	09/02/16	225942	57	N	0.00	395612.72	6907847.73	1095.00	57181.72	99		0	57181.72
1124844	09/02/16	230038	57	N	0.00	395611.74	6907846.76	1094.00	57180.66	99		1	
1124844	09/02/16	230138	57	N	12.50	395620.64	6907860.20	1096.00	57270.64	99		0	57270.64
1124844	09/02/16	230218	57	N	25.00	395631.28	6907869.05	1097.00	57266.45	99		0	57266.45
1124844	09/02/16	230322	57	N	37.50	395630.56	6907881.47	1104.00	57206.32	99		0	57206.32
1124844	09/02/16	230546	57	N	50.00	395638.46	6907893.34	1104.00	57185.67	99		0	57185.67
1124844	09/02/16	230726	57	N	62.50	395647.61	6907899.27	1107.00	57149.03	99		0	57149.03
1124844	09/02/16	230910	57	N	75.00	395657.04	6907911.62	1107.00	57253.53	99		0	57253.53
1124844	09/02/16	230950	57	N	87.50	395662.14	6907920.73	1108.00	57230.18	99		0	57230.18
1124844	09/02/16	231038	57	N	100.00	395664.45	6907930.55	1110.00	57258.27	99		0	57258.27
1124844	09/02/16	231122	57	N	112.50	395671.58	6907941.29	1112.00	57243.42	99		0	57243.42
1124844	09/02/16	231214	57	N	125.00	395679.78	6907947.01	1115.00	57202.28	99		0	57202.28
1124844	09/02/16	231254	57	N	137.50	395689.29	6907951.56	1118.00	57286.46	99		0	57286.46
1124844	09/02/16	231330	57	N	150.00	395695.26	6907964.12	1120.00	57273.03	99		0	57273.03
1124844	09/02/16	231410	57	N	162.50	395700.15	6907975.97	1118.00	57192.31	99		0	57192.31
1124844	09/02/16	231454	57	N	175.00	395707.32	6907987.15	1122.00	57235.65	99		0	57235.65
1124844	09/02/16	231546	57	N	187.50	395711.35	6908000.10	1122.00	57206.01	99		0	57206.01
1124844	09/02/16	231634	57	N	200.00	395713.49	6908010.34	1126.00	57229.67	99		0	57229.67
1124844	09/02/16	231730	57	N	212.50	395722.45	6908019.20	1129.00	57271.22	99		0	57271.22
1124844	09/02/16	231850	57	N	225.00	395728.78	6908031.64	1132.00	57286.11	99		0	57286.11
1124844	09/02/16	231954	57	N	237.50	395734.92	6908039.75	1133.00	57290.23	99		0	57290.23
1124844	09/02/16	232110	57	N	250.00	395742.94	6908051.32	1134.00	57269.79	99		0	57269.79
1124844	09/02/16	232218	57	N	262.50	395750.29	6908061.41	1135.00	57260.75	99		0	57260.75
1124844	09/02/16	232310	57	N	275.00	395757.20	6908072.31	1138.00	57269.47	99		0	57269.47
1124844	09/02/16	232406	57	N	287.50	395768.03	6908082.26	1139.00	57286.42	99		0	57286.42
1124844	09/02/16	232450	57	N	300.00	395776.04	6908090.67	1140.00	57296.96	99		0	57296.96
1124844	09/02/16	232550	57	N	312.50	395783.69	6908100.79	1143.00	57256.85	99		0	57256.85
1124844	09/02/16	232634	57	N	325.00	395792.63	6908110.52	1143.00	57229.82	99		0	57229.82
1124844	09/02/16	232718	57	N	337.50	395800.94	6908121.11	1146.00	57194.2	99		0	57194.20
1124844	09/02/16	232806	57	N	350.00	395809.44	6908130.22	1149.00	57228.32	99		0	57228.32
1124844	09/02/16	232846	57	N	362.50	395818.22	6908139.91	1148.00	57235.84	99		0	57235.84
1124844	09/02/16	232926	57	N	375.00	395826.56	6908150.00	1150.00	57255.3	99		0	57255.30
1124844	09/02/16	233010	57	N	387.50	395831.20	6908161.10	1153.00	57247.05	99		0	57247.05
1124844	09/02/16	233050	57	N	400.00	395836.61	6908171.55	1155.00	57317.28	99		0	57317.28
1124844	09/02/16	233134	57	N	412.50	395842.72	6908185.15	1157.00	57311	99		0	57311.00
1124844	09/02/16	233414	57	N	425.00	395850.66	6908197.09	1160.00	57225.11	99		0	57225.11
1124844	09/02/16	233458	57	N	437.50	395859.06	6908209.11	1163.00	57261.83	99		0	57261.83
1124844	09/02/16	233534	57	N	450.00	395866.53	6908219.35	1164.00	57298.21	99		0	57298.21
1124844	09/02/16	233622	57	N	462.50	395875.58	6908231.01	1165.00	57352.19	99		0	57352.19
1124844	09/02/16	233658	57	N	475.00	395884.41	6908238.09	1166.00	57402.38	99		0	57402.38
1124844	09/02/16	233802	57	N	487.50	395891.42	6908250.19	1169.00	57376.89	99		0	57376.89
1124844	09/02/16	233826	57	N	487.50	395891.31	6908249.52	1167.00	57365.77	99		2	
8042728	09/04/16	211930	71	N	0.00	396864.79	6908262.02	1219.00	57117.47	79		1	
8042728	09/04/16	211946	71	N	0.00	396864.66	6908261.94	1219.00	57128.11	99		0	57128.11
8042728	09/04/16	212002	71	N	0.00	396864.65	6908261.66	1219.00	57126.79	99		1	
8042728	09/04/16	212122	71	N	12.50	396871.34	6908271.37	1218.00	57153.77	99		0	57153.77
8042728	09/04/16	212218	71	N	25.00	396878.36	6908283.34	1218.00	57158.67	99		0	57158.67
8042728	09/04/16	212254	71	N	37.50	396888.33	6908293.07	1217.00	57093.95	99		0	57093.95
8042728	09/04/16	212342	71	N	50.00	396895.36	6908302.45	1217.00	57265.08	99		0	57265.08
8042728	09/04/16	212414	71	N	62.50	396901.79	6908312.20	1217.00	57296.19	99		0	57296.19
8042728	09/04/16	212442	71	N	75.00	396906.85	6908320.82	1217.00	57232.28	69		2	
8042728	09/04/16	212458	71	N	75.00	396906.74	6908320.76	1217.00	57221.61	69		2	
8042728	09/04/16	212518	71	N	75.00	396906.72	6908320.75	1218.00	57164.01	69		2	
8042728	09/04/16	212542	71	N	75.00	396906.45	6908320.44	1218.00	57252.22	99		0	57252.22
8042728	09/04/16	212614	71	N	87.50	396912.19	6908330.88	1218.00	57290.72	99		0	57290.72
8042728	09/04/16	212642	71	N	100.00	396918.31	6908340.18	1217.00	57228.97	99		0	57228.97
8042728	09/04/16	212722	71	N	112.50	396928.01	6908354.25	1217.00	57104.55	99		0	57104.55
8042728	09/04/16	212750	71	N	125.00	396934.78	6908364.80	1218.00	57085.62	99		0	57085.62
8042728	09/04/16	212822	71	N	137.50	396941.49	6908373.24	1217.00	57051.24	99		0	57051.24
8042728	09/04/16	212850	71	N	150.00	396949.85	6908383.81	1215.00	57098.99	99		0	57098.99
8042728	09/04/16	212922	71	N	162.50	396955.91	6908392.61	1215.00	57088.9	99		0	57088.90
8042728	09/04/16	212954	71	N	175.00	396965.68	6908405.56	1216.00	57116.22	99		0	57116.22
8042728	09/04/16	213026	71	N	187.50	396973.30	6908417.26	1217.00	57074.14	99		0	57074.14
8042728	09/04/16	213058	71	N	200.00	396980.83	6908426.40	1217.00	57106.27	99		0	57106.27
8042728	09/04/16	213134	71	N	212.50	396986.66	6908435.22	1217.00	57051.81	99		0	57051.81
8042728	09/04/16	213206	71	N	225.00	396992.22	6908443.83	1218.00	57093.05	99		0	57093.05
8042728	09/04/16	213242	71	N	237.50	397000.14	6908454.07	1218.00	57074.29	89		0	57074.29
8042728	09/04/16	213310	71	N	250.00	397007.25	6908463.46	1219.00	57159	99		0	57159.00
8042728	09/04/16	213346	71	N	262.50	397014.81	6908474.18	1219.00	57075.27	99		0	57075.27
8042728	09/04/16	213418	71	N	275.00	397020.44	6908481.66	1219.00	57088.03	99		0	57088.03
8042728	09/04/16	213454	71	N	287.50	397026.76	6908491.95	1220.00	57135.32	99		0	57135.32
8042728	09/04/16	213522	71	N	300.00	397034.25	6908502.31	1221.00	57277.24	79		0	57277.24
8042728	09/04/16	213550	71	N	312.50	397041.57	6908512.63	1222.00	57208.47	99		0	57208.47

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	09/04/16	215746	73	N	525.00	397290.89	6908594.15	1263.00	57012.21	99		0	57012.21
8042728	09/04/16	215834	73	N	512.50	397283.75	6908585.34	1259.00	57051.39	48		0	57051.39
8042728	09/04/16	215906	73	N	500.00	397274.98	6908575.98	1255.00	57026.15	99		0	57026.15
8042728	09/04/16	215934	73	N	487.50	397267.58	6908566.41	1251.00	57030.3	99		0	57030.30
8042728	09/04/16	220002	73	N	475.00	397260.61	6908557.24	1248.00	56987.28	49		2	
8042728	09/04/16	220018	73	N	475.00	397260.83	6908557.75	1248.00	57000.58	99		0	57000.58
8042728	09/04/16	220046	73	N	462.50	397254.12	6908548.63	1244.00	57003.43	99		0	57003.43
8042728	09/04/16	220118	73	N	450.00	397246.59	6908538.23	1242.00	57005.54	99		0	57005.54
8042728	09/04/16	220154	73	N	437.50	397240.18	6908529.10	1239.00	56992.13	99		0	56992.13
8042728	09/04/16	220222	73	N	425.00	397233.45	6908519.30	1237.00	56996.44	99		0	56996.44
8042728	09/04/16	220250	73	N	412.50	397225.29	6908507.21	1235.00	57092.87	99		0	57092.87
8042728	09/04/16	220314	73	N	400.00	397219.39	6908497.65	1234.00	57077.82	99		0	57077.82
8042728	09/04/16	220338	73	N	387.50	397211.62	6908487.40	1232.00	57083.43	99		0	57083.43
8042728	09/04/16	220406	73	N	375.00	397202.07	6908473.79	1230.00	57072.5	99		0	57072.50
8042728	09/04/16	220430	73	N	362.50	397198.56	6908465.58	1230.00	57226	99		0	57226.00
8042728	09/04/16	220502	73	N	350.00	397192.19	6908455.03	1228.00	57119.89	99		0	57119.89
8042728	09/04/16	220530	73	N	-12.50	397186.65	6908446.46	1227.00	57058.89	99		0	57058.89
8042728	09/04/16	220602	73	N	-25.00	397179.05	6908434.43	1226.00	57250.32	99		0	57250.32
8042728	09/04/16	220638	73	N	-37.50	397170.06	6908421.01	1224.00	57328.91	99		0	57328.91
8042728	09/04/16	220702	73	N	-50.00	397163.91	6908413.46	1223.00	57226.55	99		0	57226.55
8042728	09/04/16	220726	73	N	-62.50	397157.50	6908404.70	1222.00	57296.04	99		0	57296.04
8042728	09/04/16	220758	73	N	-75.00	397150.52	6908394.47	1221.00	57291.25	99		0	57291.25
8042728	09/04/16	220842	73	N	-75.00	397142.01	6908380.00	1221.00	57279.3	99		2	
8042728	09/04/16	220918	73	N	-75.00	397134.45	6908369.15	1221.00	57286.46	99		1	
8042728	09/04/16	221010	73	N	237.50	397127.65	6908357.46	1219.00	57338.42	99			57338.42
8042728	09/04/16	221046	73	N	-12.50	397121.26	6908348.51	1219.00	57270.79	99		0	57270.79
8042728	09/04/16	221118	73	N	-12.50	397114.27	6908338.16	1218.00	57222.59	99		2	
8042728	09/04/16	221150	73	N	200.00	397106.66	6908328.08	1217.00	57147.86	79		0	57147.86
8042728	09/04/16	221210	73	N	200.00	397106.54	6908327.81	1217.00	57168.71	99		2	
8042728	09/04/16	221242	73	N	187.50	397100.55	6908317.68	1216.00	57104.35	99		0	57104.35
8042728	09/04/16	221314	73	N	175.00	397096.10	6908308.97	1216.00	57075.69	99		0	57075.69
8042728	09/04/16	221354	73	N	162.50	397088.57	6908296.70	1215.00	57089.9	99		0	57089.90
8042728	09/04/16	221426	73	N	150.00	397081.53	6908286.28	1214.00	57064.56	99		0	57064.56
8042728	09/04/16	221502	73	N	137.50	397075.22	6908277.00	1214.00	57186.49	99		0	57186.49
8042728	09/04/16	221534	73	N	125.00	397069.62	6908268.17	1213.00	57214.81	99		0	57214.81
8042728	09/04/16	221606	73	N	112.50	397064.51	6908259.33	1213.00	57231.63	99		0	57231.63
8042728	09/04/16	221642	73	N	100.00	397057.68	6908248.14	1213.00	57184.6	99		0	57184.60
8042728	09/04/16	221722	73	N	87.50	397051.33	6908235.94	1212.00	57146.49	99		0	57146.49
8042728	09/04/16	221754	73	N	75.00	397044.72	6908225.09	1212.00	57216.42	99		0	57216.42
8042728	09/04/16	221826	73	N	62.50	397037.90	6908214.08	1212.00	57166.11	99		0	57166.11
8042728	09/04/16	221858	73	N	50.00	397031.56	6908203.88	1212.00	57180.06	99		0	57180.06
8042728	09/04/16	221926	73	N	37.50	397025.30	6908194.82	1212.00	57084.13	99		0	57084.13
8042728	09/04/16	222014	73	N	25.00	397016.48	6908182.46	1213.00	57170.66	99		0	57170.66
8042728	09/04/16	222038	73	N	12.50	397010.25	6908173.76	1213.00	57161.2	99		0	57161.20
8042728	09/04/16	222106	73	N	0.00	397004.67	6908165.02	1214.00	57177.37	99		0	57177.37
8042728	09/04/16	222138	73	N	12.50	396996.29	6908154.84	1214.00	57153.21	99		0	57153.21
8042728	09/04/16	222206	73	N	25.00	396988.02	6908141.92	1214.00	57083.78	99		0	57083.78
8042728	09/04/16	222226	73	N	25.00	396988.73	6908142.01	1213.00	57080.14	99		1	
8042728	09/04/16	222242	73	N	25.00	396988.89	6908142.08	1213.00	57085.07	99		1	
8042728	09/04/16	222738	75	N	0.00	397067.67	6908118.34	1206.00	57157.45	99		0	57157.45
8042728	09/04/16	222754	75	N	0.00	397067.46	6908117.93	1206.00	57151.44	99		1	
8042728	09/04/16	222826	75	N	12.50	397076.33	6908128.48	1206.00	57140.71	99		0	57140.71
8042728	09/04/16	222858	75	N	25.00	397084.03	6908138.03	1205.00	57245.22	99		0	57245.22
8042728	09/04/16	222926	75	N	37.50	397090.61	6908145.48	1205.00	57399.49	99		0	57399.49
8042728	09/04/16	222958	75	N	50.00	397097.75	6908155.25	1205.00	57354.79	99		0	57354.79
8042728	09/04/16	223030	75	N	62.50	397104.92	6908166.14	1205.00	57236.76	99		0	57236.76
8042728	09/04/16	223110	75	N	75.00	397112.50	6908176.91	1204.00	57253.36	99		0	57253.36
8042728	09/04/16	223138	75	N	87.50	397120.22	6908184.51	1204.00	57066.35	99		0	57066.35
8042728	09/04/16	223214	75	N	100.00	397127.21	6908196.60	1204.00	57122.19	99		0	57122.19
8042728	09/04/16	223242	75	N	112.50	397132.39	6908204.27	1203.00	57221.26	99		0	57221.26
8042728	09/04/16	223334	75	N	125.00	397142.04	6908217.26	1206.00	57256.59	99		0	57256.59
8042728	09/04/16	223402	75	N	137.50	397146.84	6908226.94	1208.00	57323.17	99		0	57323.17
8042728	09/04/16	223430	75	N	150.00	397153.79	6908236.68	1208.00	57214.66	99		0	57214.66
8042728	09/04/16	223506	75	N	162.50	397160.78	6908245.25	1208.00	57131.86	99		0	57131.86
8042728	09/04/16	223546	75	N	175.00	397169.56	6908256.22	1209.00	57063.53	99		0	57063.53
8042728	09/04/16	223642	75	N	187.50	397175.03	6908265.08	1209.00	57069.97	99		0	57069.97
8042728	09/04/16	223714	75	N	200.00	397182.75	6908275.85	1210.00	57256.45	99		0	57256.45
8042728	09/04/16	223814	75	N	212.50	397188.52	6908285.01	1212.00	57207.76	99		0	57207.76
8042728	09/04/16	223910	75	N	225.00	397194.47	6908294.94	1212.00	57120.51	99		0	57120.51
8042728	09/04/16	223942	75	N	237.50	397201.75	6908305.60	1213.00	57134.68	99		0	57134.68
8042728	09/04/16	224014	75	N	250.00	397208.05	6908317.25	1214.00	57154.13	99		0	57154.13
8042728	09/04/16	224042	75	N	262.50	397215.30	6908324.89	1214.00	57172.99	99		0	57172.99
8042728	09/04/16	224126	75	N	275.00	397223.83	6908334.79	1214.00	57176.43	89		0	57176.43
8042728	09/04/16	224206	75	N	287.50	397230.95	6908345.93	1215.00	57141.6	99		0	57141.60
8042728	09/04/16	224238	75	N	300.00	397238.98	6908353.29	1216.00	57245.51	99		0	57245.51
8042728	09/04/16	224314	75	N	312.50	397244.30	6908362.17	1217.00	57272.72	99		0	57272.72
8042728	09/04/16	224354	75	N	325.00	397253.87	6908374.27	1217.00	57138.84	99		0	57138.84
8042728	09/04/16	224422	75	N	337.50	397261.90	6908380.27	1217.00	57221.28	99		0	57221.28
8042728	09/04/16	224454	75	N	350.00	397268.68	6908389.59	1218.00	57207.44	99		0	57207.44
8042728	09/04/16	224534	75	N	362.50	397275.53	6908400.72	1219.00	57195.28	99		0	57195.28
8042728	09/04/16	224610	75	N	375.00	397281.64	6908410.43	1220.00	57249.08	99		0	57249.08
8042728	09/04/16	224642	75	N	387.50	397289.29	6908420.03	1220.00	57202.27	99		0	57202.27
8042728	09/04/16	224718	75	N	400.00	397297.05	6908430.30	1223.00	57167.39	99		0	57167.39

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/04/16	212746	70	N	125.00	396898.36	6908398.00	1218.00	57111.92	99		0	57111.92
1124844	09/04/16	212818	70	N	137.50	396905.53	6908408.45	1216.00	57199.07	99		0	57199.07
1124844	09/04/16	212846	70	N	150.00	396913.26	6908417.78	1215.00	57168.74	99		0	57168.74
1124844	09/04/16	212918	70	N	162.50	396921.65	6908426.86	1214.00	57125.58	99		0	57125.58
1124844	09/04/16	212950	70	N	175.00	396930.17	6908437.81	1214.00	57124.74	99		0	57124.74
1124844	09/04/16	213022	70	N	187.50	396937.05	6908449.04	1215.00	57077.31	99		0	57077.31
1124844	09/04/16	213058	70	N	200.00	396944.98	6908457.49	1215.00	57100.82	99		0	57100.82
1124844	09/04/16	213134	70	N	212.50	396952.20	6908467.93	1218.00	57153.46	99		0	57153.46
1124844	09/04/16	213210	70	N	225.00	396960.40	6908477.85	1217.00	57208.11	99		0	57208.11
1124844	09/04/16	213238	70	N	237.50	396968.42	6908487.97	1218.00	57150.5	99		0	57150.50
1124844	09/04/16	213314	70	N	250.00	396972.60	6908499.96	1218.00	57190.72	99		0	57190.72
1124844	09/04/16	213346	70	N	262.50	396979.39	6908510.43	1216.00	57253.72	99		0	57253.72
1124844	09/04/16	213426	70	N	275.00	396984.90	6908521.88	1217.00	57290.63	99		0	57290.63
1124844	09/04/16	213458	70	N	287.50	396991.55	6908532.14	1218.00	57262.41	99		0	57262.41
1124844	09/04/16	213534	70	N	300.00	397001.98	6908543.04	1219.00	57254.57	99		0	57254.57
1124844	09/04/16	213606	70	N	312.50	397010.05	6908553.52	1220.00	57087.49	99		0	57087.49
1124844	09/04/16	213638	70	N	325.00	397017.20	6908561.39	1221.00	57095.49	99		0	57095.49
1124844	09/04/16	213710	70	N	337.50	397023.44	6908572.04	1222.00	57109.34	99		0	57109.34
1124844	09/04/16	213746	70	N	350.00	397032.05	6908581.72	1223.00	57136.08	99		0	57136.08
1124844	09/04/16	213818	70	N	362.50	397042.23	6908589.61	1223.00	57138.19	99		0	57138.19
1124844	09/04/16	213854	70	N	375.00	397051.18	6908600.50	1224.00	57153.15	99		0	57153.15
1124844	09/04/16	213930	70	N	387.50	397054.92	6908611.07	1223.00	57166.56	99		0	57166.56
1124844	09/04/16	214002	70	N	400.00	397062.39	6908621.28	1226.00	57085.9	99		0	57085.90
1124844	09/04/16	214030	70	N	412.50	397068.35	6908629.27	1226.00	57088.4	99		0	57088.40
1124844	09/04/16	214102	70	N	425.00	397077.88	6908640.28	1227.00	57070.67	99		0	57070.67
1124844	09/04/16	214134	70	N	437.50	397082.16	6908651.91	1229.00	57098.91	99		0	57098.91
1124844	09/04/16	214202	70	N	450.00	397089.09	6908662.27	1230.00	57036.71	99		0	57036.71
1124844	09/04/16	214234	70	N	462.50	397095.10	6908672.91	1230.00	57038.45	99		0	57038.45
1124844	09/04/16	214306	70	N	475.00	397103.27	6908684.15	1230.00	57081.46	99		0	57081.46
1124844	09/04/16	214334	70	N	487.50	397110.31	6908694.25	1230.00	57105.92	99		0	57105.92
1124844	09/04/16	214406	70	N	500.00	397117.64	6908705.54	1231.00	57096.74	99		0	57096.74
1124844	09/04/16	214438	70	N	512.50	397124.96	6908715.45	1231.00	57107.34	99		0	57107.34
1124844	09/04/16	214506	70	N	525.00	397131.16	6908725.87	1232.00	57113.88	99		0	57113.88
1124844	09/04/16	214546	70	N	537.50	397140.03	6908733.92	1234.00	57116.2	99		0	57116.20
1124844	09/04/16	214622	70	N	550.00	397147.84	6908741.58	1237.00	57131.33	99		0	57131.33
1124844	09/04/16	214638	70	N	550.00	397147.83	6908741.50	1238.00	57133.1	99		1	
1124844	09/04/16	215314	72	N	550.00	397222.25	6908676.20	1243.00	57073.82	99		0	57073.82
1124844	09/04/16	215434	72	N	550.00	397222.17	6908676.22	1243.00	57076.24	99		1	
1124844	09/04/16	215534	72	N	537.50	397214.48	6908666.54	1245.00	57057.14	99		0	57057.14
1124844	09/04/16	215606	72	N	525.00	397207.30	6908655.61	1246.00	57084.08	99		0	57084.08
1124844	09/04/16	215638	72	N	512.50	397203.18	6908644.75	1249.00	57097.34	99		0	57097.34
1124844	09/04/16	215710	72	N	500.00	397197.99	6908633.44	1251.00	57065.31	99		0	57065.31
1124844	09/04/16	215742	72	N	487.50	397188.86	6908623.91	1250.00	57069.66	99		0	57069.66
1124844	09/04/16	215814	72	N	475.00	397182.28	6908614.39	1250.00	57058.24	99		0	57058.24
1124844	09/04/16	215854	72	N	462.50	397174.04	6908602.34	1246.00	57037.75	99		0	57037.75
1124844	09/04/16	215930	72	N	450.00	397168.38	6908592.00	1245.00	57246.12	99		0	57246.12
1124844	09/04/16	215958	72	N	437.50	397161.29	6908582.23	1243.00	57089.53	99		0	57089.53
1124844	09/04/16	220034	72	N	425.00	397152.46	6908573.81	1241.00	57095.6	99		0	57095.60
1124844	09/04/16	220106	72	N	412.50	397144.50	6908563.91	1239.00	57103.82	99		0	57103.82
1124844	09/04/16	220134	72	N	400.00	397136.45	6908556.21	1236.00	57117.89	99		0	57117.89
1124844	09/04/16	220202	72	N	387.50	397127.31	6908545.94	1233.00	57156.77	99		0	57156.77
1124844	09/04/16	220242	72	N	375.00	397119.46	6908534.16	1230.00	57177.99	99		0	57177.99
1124844	09/04/16	220310	72	N	362.50	397113.56	6908525.70	1228.00	57100.7	99		0	57100.70
1124844	09/04/16	220342	72	N	350.00	397105.84	6908516.26	1227.00	57236.31	99		0	57236.31
1124844	09/04/16	220414	72	N	337.50	397099.00	6908503.87	1226.00	57164.25	99		0	57164.25
1124844	09/04/16	220446	72	N	325.00	397091.90	6908492.70	1226.00	57211.88	99		0	57211.88
1124844	09/04/16	220514	72	N	312.50	397086.35	6908483.48	1225.00	57127.44	99		0	57127.44
1124844	09/04/16	220546	72	N	300.00	397082.20	6908472.33	1225.00	57152.05	99		0	57152.05
1124844	09/04/16	220622	72	N	287.50	397079.52	6908460.33	1224.00	57084.9	99		0	57084.90
1124844	09/04/16	220654	72	N	275.00	397067.14	6908455.51	1223.00	57126.64	99		0	57126.64
1124844	09/04/16	220722	72	N	262.50	397056.77	6908447.49	1222.00	57132	99		0	57132.00
1124844	09/04/16	220802	72	N	250.00	397048.56	6908438.06	1220.00	57210.35	99		0	57210.35
1124844	09/04/16	220854	72	N	237.50	397041.73	6908426.23	1220.00	57086.2	99		0	57086.20
1124844	09/04/16	220926	72	N	225.00	397031.45	6908418.05	1220.00	57221.04	99		0	57221.04
1124844	09/04/16	221058	72	N	212.50	397024.66	6908394.60	1220.00	57148.51	99		0	57148.51
1124844	09/04/16	221134	72	N	200.00	397015.91	6908385.46	1219.00	57239.67	99		0	57239.67
1124844	09/04/16	221206	72	N	187.50	397009.37	6908375.33	1218.00	57100.9	99		0	57100.90
1124844	09/04/16	221238	72	N	175.00	397001.81	6908365.17	1217.00	57042.52	99		0	57042.52
1124844	09/04/16	221314	72	N	162.50	396999.61	6908353.85	1218.00	57160.18	99		0	57160.18
1124844	09/04/16	221358	72	N	150.00	396992.76	6908343.37	1218.00	57139.51	99		0	57139.51
1124844	09/04/16	221430	72	N	137.50	396985.62	6908332.01	1218.00	57285.31	99		0	57285.31
1124844	09/04/16	221506	72	N	125.00	396976.27	6908325.07	1217.00	57515.77	99		0	57515.77
1124844	09/04/16	221534	72	N	112.50	396969.74	6908315.19	1217.00	57463.3	99		0	57463.30
1124844	09/04/16	221606	72	N	100.00	396960.61	6908305.06	1217.00	57382.55	99		0	57382.55
1124844	09/04/16	221638	72	N	87.50	396952.77	6908295.22	1217.00	57394.38	99		0	57394.38
1124844	09/04/16	221714	72	N	75.00	396944.60	6908283.87	1216.00	57158.35	99		0	57158.35
1124844	09/04/16	221746	72	N	62.50	396936.76	6908273.36	1216.00	57116.96	99		0	57116.96
1124844	09/04/16	221814	72	N	50.00	396931.27	6908264.52	1217.00	57150.99	99		0	57150.99
1124844	09/04/16	221846	72	N	37.50	396928.87	6908253.39	1217.00	57130.2	99		0	57130.20
1124844	09/04/16	221918	72	N	25.00	396921.68	6908241.36	1218.00	57144.52	99		0	57144.52
1124844	09/04/16	221954	72	N	12.50	396912.70	6908227.91	1217.00	57174.48	99		0	57174.48
1124844	09/04/16	222022	72	N	12.50	396912.80	6908227.62	1218.00	57169.1	99		1	
1124844	09/04/16	222914	74	N	0.00	397029.19	6908147.						

Appendix 6 - Merged Magnetic Data Final

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/04/16	225430	74	N	350.00	397228.48	6908430.92	1226.00	57165.05	99		0	57165.05
1124844	09/04/16	225506	74	N	362.50	397235.36	6908441.53	1226.00	57282.05	99		0	57282.05
1124844	09/04/16	225534	74	N	375.00	397241.89	6908450.61	1228.00	57224.54	99		0	57224.54
1124844	09/04/16	225606	74	N	387.50	397249.65	6908461.08	1229.00	57116.78	99		0	57116.78
1124844	09/04/16	225638	74	N	400.00	397254.99	6908473.28	1231.00	57089.45	99		0	57089.45
1124844	09/04/16	225706	74	N	412.50	397262.04	6908483.11	1232.00	57031.45	99		0	57031.45
1124844	09/04/16	225738	74	N	425.00	397269.68	6908494.80	1233.00	57031.08	99		0	57031.08
1124844	09/04/16	225810	74	N	437.50	397275.50	6908502.70	1235.00	57023.87	99		0	57023.87
1124844	09/04/16	225850	74	N	450.00	397286.86	6908510.94	1237.00	57023	99		0	57023.00
1124844	09/04/16	225922	74	N	462.50	397295.52	6908522.64	1238.00	57051.38	99		0	57051.38
1124844	09/04/16	225954	74	N	475.00	397298.18	6908533.67	1240.00	57003.17	99		0	57003.17
1124844	09/04/16	230030	74	N	487.50	397304.83	6908543.62	1245.00	57037.25	99		0	57037.25
1124844	09/04/16	230106	74	N	500.00	397313.04	6908554.18	1246.00	57036.28	99		0	57036.28
1124844	09/04/16	230142	74	N	512.50	397320.81	6908563.06	1249.00	57058.43	99		0	57058.43
1124844	09/04/16	230214	74	N	525.00	397327.54	6908572.99	1251.00	57081.25	99		0	57081.25
1124844	09/04/16	230242	74	N	537.50	397338.18	6908581.40	1251.00	57058.74	99		0	57058.74
1124844	09/04/16	230314	74	N	550.00	397346.82	6908591.05	1250.00	57062.49	99		0	57062.49
1124844	09/04/16	230342	74	N	550.00	397346.17	6908591.46	1250.00	57062	99		1	

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	22/08/2016	171642	1	N	0	394664.52	6908413.57	1161	53459.38	99	Bad Point, unreasonable value	9	
1124844	22/08/2016	171822	1	N	0	394664.39	6908413.04	1160	57391.14	99		0	57391.14
1124844	22/08/2016	172034	1	N	12.5	394669.6	6908420.52	1167	57371.63	99		0	57371.63
1124844	22/08/2016	172146	1	N	25	394678.67	6908430.31	1169	57282.04	99		0	57282.04
1124844	22/08/2016	172302	1	N	37.5	394684.62	6908440.78	1174	57420.75	99		0	57420.75
1124844	22/08/2016	172358	1	N	50	394689.74	6908449.51	1177	57416.26	99		0	57416.26
1124844	22/08/2016	172550	1	N	62.5	394695.73	6908460.19	1183	57365.89	99		0	57365.89
1124844	22/08/2016	172702	1	N	75	394704.29	6908471.07	1186	57362.66	99		0	57362.66
1124844	22/08/2016	172750	1	N	87.5	394710.47	6908480.06	1191	57386.04	99		0	57386.04
1124844	22/08/2016	172846	1	N	100	394716.88	6908488.01	1197	57417.94	99		0	57417.94
1124844	22/08/2016	172950	1	N	112.5	394723.92	6908497.91	1200	57418.07	99		0	57418.07
1124844	22/08/2016	173058	1	N	125	394728.93	6908506.54	1206	57347.21	99		0	57347.21
1124844	22/08/2016	173206	1	N	137.5	394735.03	6908518.03	1211	57409.69	99		0	57409.69
1124844	22/08/2016	173314	1	N	150	394742.77	6908527.37	1211	57395.48	99		0	57395.48
1124844	22/08/2016	173406	1	N	162.5	394745.63	6908537.73	1216	57373.17	99		0	57373.17
1124844	22/08/2016	173502	1	N	175	394752.67	6908546.57	1221	57353	99		0	57353.00
1124844	22/08/2016	173622	1	N	187.5	394760.96	6908556.94	1222	57450.37	99		0	57450.37
1124844	22/08/2016	173718	1	N	200	394766.44	6908567.6	1226	57387.37	99		0	57387.37
1124844	22/08/2016	173826	1	N	212.5	394773.21	6908576.4	1229	57379.08	99		0	57379.08
1124844	22/08/2016	173922	1	N	225	394781.77	6908585.35	1231	57386.18	99		0	57386.18
1124844	22/08/2016	174126	1	N	237.5	394789.32	6908595.04	1232	57332.53	99		0	57332.53
1124844	22/08/2016	174210	1	N	250	394795.92	6908605.28	1233	57357.32	99		0	57357.32
1124844	22/08/2016	174258	1	N	262.5	394804.43	6908614.75	1234	57350.79	99		0	57350.79
1124844	22/08/2016	174346	1	N	275	394811.08	6908624.09	1234	57349.53	99		0	57349.53
1124844	22/08/2016	174430	1	N	287.5	394816.53	6908637.35	1236	57372.95	99		0	57372.95
1124844	22/08/2016	174506	1	N	300	394822.84	6908647.72	1236	57340.22	99		0	57340.22
1124844	22/08/2016	174542	1	N	312.5	394830.03	6908657.26	1235	57375.25	99		0	57375.25
1124844	22/08/2016	174650	1	N	325	394838.82	6908666.77	1235	57339.79	99		0	57339.79
1124844	22/08/2016	174738	1	N	337.5	394847.41	6908676.37	1235	57282.94	99		0	57282.94
1124844	22/08/2016	174930	1	N	350	394855.43	6908682.04	1232	57268.86	99		0	57268.86
1124844	22/08/2016	175106	1	N	362.5	394861.43	6908693.2	1233	57307.69	99		0	57307.69
1124844	22/08/2016	175150	1	N	375	394868.12	6908704.97	1233	57320.7	99		0	57320.70
1124844	22/08/2016	175246	1	N	387.5	394874.72	6908715.34	1233	57325.89	99		0	57325.89
1124844	22/08/2016	175326	1	N	400	394881.54	6908726.49	1232	57317.2	99		0	57317.20
1124844	22/08/2016	175406	1	N	412.5	394888.11	6908736.97	1229	57349.55	99		0	57349.55
1124844	22/08/2016	175550	1	N	425	394894.91	6908746.46	1228	57299.61	99		0	57299.61
1124844	22/08/2016	175630	1	N	437.5	394901.74	6908755.28	1224	57291.71	99		0	57291.71
1124844	22/08/2016	175710	1	N	450	394908.59	6908765.94	1221	57358.65	99		0	57358.65
1124844	22/08/2016	175750	1	N	462.5	394916.18	6908775.67	1219	57304.75	99		0	57304.75
1124844	22/08/2016	175842	1	N	475	394924.85	6908785.15	1218	57307.55	99		0	57307.55
1124844	22/08/2016	175918	1	N	487.5	394932.01	6908795.99	1217	57276.21	99		0	57276.21
1124844	22/08/2016	175954	1	N	500	394938.03	6908805.24	1216	57285.06	99		0	57285.06
1124844	22/08/2016	180046	1	N	512.5	394946.35	6908814.75	1215	57316.76	99		0	57316.76
1124844	22/08/2016	180126	1	N	525	394953.76	6908825.4	1215	57319.64	99		0	57319.64
1124844	22/08/2016	180206	1	N	537.5	394961.97	6908836.8	1214	57301.6	99		0	57301.60
1124844	22/08/2016	180242	1	N	550	394968.15	6908845.31	1215	57343.07	99		0	57343.07
1124844	22/08/2016	180322	1	N	562.5	394974.52	6908857.09	1214	57349.42	99		0	57349.42
1124844	22/08/2016	180438	1	N	575	394982.27	6908867.1	1215	57344.63	99		0	57344.63
1124844	22/08/2016	180522	1	N	587.5	394987.88	6908877.97	1215	57360.48	99		0	57360.48
1124844	22/08/2016	180558	1	N	600	394994.55	6908888.29	1216	57373.53	99		0	57373.53
1124844	22/08/2016	180646	1	N	612.5	395000.77	6908899.85	1216	57377.86	99		0	57377.86
1124844	22/08/2016	180722	1	N	625	395007.55	6908909.69	1216	57382.58	99		0	57382.58
1124844	22/08/2016	180758	1	N	637.5	395016.03	6908919.44	1216	57400.62	99		0	57400.62
1124844	22/08/2016	180858	1	N	650	395025.39	6908927.62	1217	57430.62	99		0	57430.62
1124844	22/08/2016	180954	1	N	662.5	395032.29	6908936.53	1217	57463.6	99		0	57463.60
1124844	22/08/2016	181038	1	N	675	395040.84	6908946.57	1216	57455.64	99		0	57455.64
1124844	22/08/2016	181126	1	N	687.5	395047.38	6908957.41	1215	57401.5	99		0	57401.50
1124844	22/08/2016	181242	1	N	700	395054.07	6908967.42	1213	57466.23	99		0	57466.23
1124844	22/08/2016	181318	1	N	712.5	395060.91	6908977.89	1211	57454.24	99		0	57454.24
1124844	22/08/2016	181354	1	N	725	395067.31	6908988.61	1211	57490.89	99		0	57490.89
1124844	22/08/2016	181438	1	N	737.5	395073.48	6908999.75	1209	57483.16	99		0	57483.16
1124844	22/08/2016	181522	1	N	750	395079.19	6909010.2	1210	57492.21	99		0	57492.21
1124844	22/08/2016	181606	1	N	762.5	395084.99	6909021.12	1210	57539.97	99		0	57539.97
1124844	22/08/2016	181650	1	N	775	395092.59	6909033.44	1211	57552.29	99		0	57552.29
1124844	22/08/2016	181730	1	N	787.5	395101.05	6909043.36	1211	57624.69	99		0	57624.69
1124844	22/08/2016	181810	1	N	800	395108.3	6909051.46	1211	57637.89	99		0	57637.89
1124844	22/08/2016	181858	1	N	812.5	395115.88	6909062.54	1211	57555.74	99		0	57555.74
1124844	22/08/2016	181946	1	N	825	395122.57	6909072.73	1211	57661.12	99		0	57661.12
1124844	22/08/2016	182034	1	N	837.5	395128.37	6909083.56	1209	57699.47	99		0	57699.47
1124844	22/08/2016	182114	1	N	850	395136.15	6909094.41	1208	57678.11	99		0	57678.11
1124844	22/08/2016	182158	1	N	862.5	395144.45	6909103.38	1206	57591.99	99		0	57591.99
1124844	22/08/2016	182242	1	N	875	395153.41	6909113.13	1204	57659.25	99		0	57659.25
1124844	22/08/2016	182342	1	N	887.5	395160.25	6909121.16	1203	57718.71	99		0	57718.71
1124844	22/08/2016	182422	1	N	900	395167.13	6909130.85	1201	57658.28	99		0	57658.28
1124844	22/08/2016	182502	1	N	912.5	395175.6	6909140.97	1198	57701.36	99		0	57701.36
1124844	22/08/2016	182558	1	N	925	395183.05	6909150.9	1196	57583.06	99		0	57583.06
1124844	22/08/2016	182638	1	N	937.5	395190.02	6909160.75	1192	57557.52	99		0	57557.52
1124844	22/08/2016	182722	1	N	950	395193.79	6909172.06	1189	57429.54	99		0	57429.54
1124844	22/08/2016	183010	1	N	962.5	395198.02	6909182.79	1186	57502.76	99		0	57502.76
1124844	22/08/2016	183046	1	N	975	395204.1	6909192.48	1183	57559.9	99		0	57559.90
1124844	22/08/2016	183138	1	N	987.5	395212.46	6909201.68	1179	57588.51	99		0	57588.51
1124844	22/08/2016	183402	1	N	1000	395219.72	6909211.6	1177	57629.3	99		0	57629.30
1124844	22/08/2016	183446	1	N	1012.5	395229.59	6909219.85	1175	57861.44	99		0	57861.44
1124844	22/08/2016	183542	1	N	1025	395233.82	6909229.32	1171	57740.19	99		0	57740.19
1124844	22/08/2016	183622	1	N	1037.5	395240.69	6909239.88	1167	5				

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	22/08/2016	174018	3	N	212.50	394936.70	6908474.27	1184.00	57302.71	99		0	57302.71
8042728	22/08/2016	174126	3	N	225.00	394946.22	6908485.35	1188.00	57286.04	99		0	57286.04
8042728	22/08/2016	174306	3	N	237.50	394954.00	6908491.34	1185.00	57277.84	99		0	57277.84
8042728	22/08/2016	174422	3	N	250.00	394961.03	6908500.45	1189.00	57282.01	99		0	57282.01
8042728	22/08/2016	174514	3	N	262.50	394968.52	6908509.86	1189.00	57194.26	99		0	57194.26
8042728	22/08/2016	174606	3	N	275.00	394974.78	6908520.19	1190.00	57271.44	99		0	57271.44
8042728	22/08/2016	174714	3	N	287.50	394983.28	6908530.91	1193.00	57361.84	99		0	57361.84
8042728	22/08/2016	174902	3	N	300.00	394990.66	6908540.14	1193.00	57282.08	79		0	57282.08
8042728	22/08/2016	175030	3	N	312.50	394998.68	6908549.06	1193.00	57251.76	99		0	57251.76
8042728	22/08/2016	175142	3	N	325.00	395007.42	6908559.09	1193.00	57169.73	99		0	57169.73
8042728	22/08/2016	175326	3	N	337.50	395018.69	6908570.18	1195.00	57198.08	79		0	57198.08
8042728	22/08/2016	175434	3	N	350.00	395026.61	6908580.21	1198.00	57258.89	69		0	57258.89
8042728	22/08/2016	175558	3	N	362.50	395033.10	6908591.33	1198.00	57295.24	99		0	57295.24
8042728	22/08/2016	175702	3	N	375.00	395042.05	6908602.25	1199.00	57177.67	89		0	57177.67
8042728	22/08/2016	175810	3	N	387.50	395047.89	6908609.79	1200.00	57218.12	99		0	57218.12
8042728	22/08/2016	175858	3	N	400.00	395056.77	6908619.31	1202.00	57225.54	99		0	57225.54
8042728	22/08/2016	180018	3	N	412.50	395065.03	6908630.47	1204.00	57228.91	99		0	57228.91
8042728	22/08/2016	180058	3	N	425.00	395070.50	6908638.14	1205.00	57270.84	99		0	57270.84
8042728	22/08/2016	180206	3	N	437.50	395079.39	6908649.28	1207.00	57235.01	99		0	57235.01
8042728	22/08/2016	180258	3	N	450.00	395085.77	6908658.47	1205.00	57253.31	99		0	57253.31
8042728	22/08/2016	180418	3	N	462.50	395092.66	6908671.47	1208.00	57316.82	99		0	57316.82
8042728	22/08/2016	180502	3	N	475.00	395096.15	6908682.12	1209.00	57279.12	99		0	57279.12
8042728	22/08/2016	180550	3	N	487.50	395100.51	6908693.29	1211.00	57227.9	69		0	57227.90
8042728	22/08/2016	180658	3	N	500.00	395105.08	6908701.61	1211.00	57251.63	79		0	57251.63
8042728	22/08/2016	180742	3	N	512.50	395112.06	6908712.76	1214.00	57264.8	89		0	57264.80
8042728	22/08/2016	180834	3	N	525.00	395120.11	6908721.80	1216.00	57315.46	99		0	57315.46
8042728	22/08/2016	181350	3	N	537.50	395128.73	6908733.87	1218.00	57345.43	99		0	57345.43
8042728	22/08/2016	181458	3	N	550.00	395137.19	6908745.20	1222.00	57366.65	99		0	57366.65
8042728	22/08/2016	181614	3	N	562.50	395143.26	6908752.18	1223.00	57223.25	99		0	57223.25
8042728	22/08/2016	181654	3	N	575.00	395151.79	6908761.25	1224.00	57234.98	99		0	57234.98
8042728	22/08/2016	181806	3	N	587.50	395159.76	6908770.65	1227.00	57260.52	99		0	57260.52
8042728	22/08/2016	181858	3	N	600.00	395166.09	6908780.84	1226.00	57263.15	99		0	57263.15
8042728	22/08/2016	181954	3	N	612.50	395168.84	6908791.73	1229.00	57258.65	99		0	57258.65
8042728	22/08/2016	182110	3	N	625.00	395175.25	6908802.35	1233.00	57283.86	99		0	57283.86
8042728	22/08/2016	182202	3	N	637.50	395182.41	6908810.75	1236.00	57287.28	99		0	57287.28
8042728	22/08/2016	182250	3	N	650.00	395189.76	6908822.45	1239.00	57270.5	69		0	57270.50
8042728	22/08/2016	182338	3	N	662.50	395196.63	6908830.65	1240.00	57279.41	99		0	57279.41
8042728	22/08/2016	182458	3	N	675.00	395205.18	6908841.62	1241.00	57294.18	99		0	57294.18
8042728	22/08/2016	182602	3	N	687.50	395213.31	6908851.81	1241.00	57353.82	99		0	57353.82
8042728	22/08/2016	182806	3	N	700.00	395220.48	6908862.06	1242.00	57330.17	99		0	57330.17
8042728	22/08/2016	182902	3	N	712.50	395227.49	6908872.72	1243.00	57396.4	99		0	57396.40
8042728	22/08/2016	182942	3	N	725.00	395233.91	6908882.31	1244.00	57326.08	99		0	57326.08
8042728	22/08/2016	183030	3	N	737.50	395241.04	6908892.58	1244.00	57319.32	99		0	57319.32
8042728	22/08/2016	183106	3	N	750.00	395248.21	6908902.60	1244.00	57301	99		0	57301.00
8042728	22/08/2016	183346	3	N	762.50	395255.42	6908911.33	1243.00	57270.27	49		0	57270.27
8042728	22/08/2016	183446	3	N	775.00	395266.16	6908925.27	1241.00	57313.63	79		0	57313.63
8042728	22/08/2016	183522	3	N	787.50	395275.77	6908937.46	1239.00	57339.26	99		0	57339.26
8042728	22/08/2016	183554	3	N	800.00	395280.53	6908943.77	1236.00	57363.31	99		0	57363.31
8042728	22/08/2016	183622	3	N	812.50	395286.93	6908951.68	1232.00	57375.16	99		0	57375.16
8042728	22/08/2016	183658	3	N	825.00	395294.47	6908960.96	1229.00	57366.16	99		0	57366.16
8042728	22/08/2016	183734	3	N	837.50	395301.01	6908969.13	1227.00	57371.5	89		0	57371.50
8042728	22/08/2016	183906	3	N	850.00	395309.17	6908977.85	1224.00	57425.28	99		0	57425.28
8042728	22/08/2016	184034	3	N	862.50	395319.38	6908992.53	1221.00	57403.91	99		0	57403.91
8042728	22/08/2016	184146	3	N	875.00	395325.01	6909000.02	1220.00	57393.36	99		0	57393.36
8042728	22/08/2016	184310	3	N	887.50	395328.51	6909008.90	1218.00	57379.85	99		0	57379.85
8042728	22/08/2016	184354	3	N	900.00	395338.63	6909020.91	1216.00	57412.46	99		0	57412.46
8042728	22/08/2016	184442	3	N	912.50	395344.08	6909031.45	1214.00	57463.07	99		0	57463.07
8042728	22/08/2016	184522	3	N	925.00	395349.99	6909043.11	1212.00	57425.54	99		0	57425.54
8042728	22/08/2016	184554	3	N	937.50	395356.44	6909051.36	1208.00	57448.96	99		0	57448.96
8042728	22/08/2016	184638	3	N	950.00	395363.01	6909062.30	1206.00	57507.8	99		0	57507.80
8042728	22/08/2016	184714	3	N	962.50	395369.90	6909070.64	1203.00	57514.38	99		0	57514.38
8042728	22/08/2016	184754	3	N	975.00	395379.12	6909080.70	1200.00	57585.99	99		0	57585.99
8042728	22/08/2016	184850	3	N	987.50	395387.09	6909090.64	1196.00	57729.4	99		0	57729.40
8042728	22/08/2016	184926	3	N	1000.00	395394.42	6909101.80	1194.00	57460.64	99		0	57460.64
8042728	22/08/2016	185006	3	N	1012.50	395399.68	6909111.81	1192.00	57417.74	99		0	57417.74
8042728	22/08/2016	185050	3	N	1025.00	395405.26	6909120.34	1189.00	57459.45	99		0	57459.45
8042728	22/08/2016	185126	3	N	1037.50	395410.44	6909132.17	1186.00	57577.45	99		0	57577.45
8042728	22/08/2016	185210	3	N	1050.00	395416.50	6909143.29	1183.00	57542.2	89		0	57542.20
8042728	22/08/2016	185254	3	N	1062.50	395426.62	6909156.62	1178.00	57603.31	99		0	57603.31
8042728	22/08/2016	185338	3	N	1075.00	395432.79	6909164.88	1176.00	57686.77	99		0	57686.77
8042728	22/08/2016	185410	3	N	1087.50	395438.74	6909171.39	1174.00	57819.05	99		0	57819.05
8042728	22/08/2016	185454	3	N	1100.00	395447.11	6909180.76	1171.00	57632.47	99		0	57632.47
8042728	22/08/2016	185538	3	N	1112.50	395454.40	6909190.40	1170.00	57610.77	99		0	57610.77
8042728	22/08/2016	185626	3	N	1125.00	395460.53	6909201.17	1165.00	57403.15	99		0	57403.15
8042728	22/08/2016	185710	3	N	1137.50	395468.24	6909212.12	1162.00	57344.79	99		0	57344.79
8042728	22/08/2016	185754	3	N	1150.00	395476.48	6909222.94	1160.00	57373.38	99		0	57373.38
8042728	22/08/2016	185846	3	N	1162.50	395479.22	6909230.47	1157.00	57361.02	99		0	57361.02
8042728	22/08/2016	185926	3	N	1175.00	395484.68	6909242.83	1154.00	57403.52	99		0	57403.52
8042728	22/08/2016	190014	3	N	1187.50	395495.73	6909255.34	1151.00	57387.71	99		0	57387.71
8042728	22/08/2016	190102	3	N	1200.00	395502.35	6909264.48	1149.00	57396.07	99		0	57396.07
8042728	22/08/2016	190134	3	N	1212.50	395508.25	6909270.14	1148.00	57431.79	99		0	57431.79
8042728	22/08/2016	190214	3	N	1225.00	395513.29	6909281.05						

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	22/08/2016	215542	5	N	462.5	395235.68	6908545.32	1196	57329.54	99		0	57329.54
1124844	22/08/2016	215454	5	N	475	395244.11	6908551.61	1197	57344.71	99		0	57344.71
1124844	22/08/2016	215350	5	N	487.5	395251.17	6908562.91	1201	57373.25	89		0	57373.25
1124844	22/08/2016	215310	5	N	500	395255.05	6908572.03	1204	57368.86	99		0	57368.86
1124844	22/08/2016	215158	5	N	512.5	395262.9	6908583.11	1206	57446.74	99		0	57446.74
1124844	22/08/2016	215106	5	N	525	395271.28	6908591.92	1209	57359.85	99		0	57359.85
1124844	22/08/2016	215014	5	N	537.5	395281.26	6908597.72	1210	57415.08	99		0	57415.08
1124844	22/08/2016	214930	5	N	550	395290.67	6908606.19	1212	57399.67	99		0	57399.67
1124844	22/08/2016	214834	5	N	562.5	395296.36	6908618.82	1212	57370.37	99		0	57370.37
1124844	22/08/2016	214746	5	N	575	395303.26	6908627.27	1214	57356.35	99		0	57356.35
1124844	22/08/2016	214706	5	N	587.5	395308.22	6908636.96	1217	57330.24	99		0	57330.24
1124844	22/08/2016	214618	5	N	600	395314.67	6908649	1217	57312.06	99		0	57312.06
1124844	22/08/2016	214538	5	N	612.5	395321.08	6908658.31	1220	57314.91	99		0	57314.91
1124844	22/08/2016	214442	5	N	625	395326.6	6908669.68	1223	57310.91	99		0	57310.91
1124844	22/08/2016	214342	5	N	637.5	395333.47	6908680.36	1224	57323.4	99		0	57323.4
1124844	22/08/2016	214238	5	N	650	395340.4	6908689.29	1226	57313.28	99		0	57313.28
1124844	22/08/2016	214154	5	N	662.5	395347.3	6908697.3	1227	57307.98	99		0	57307.98
1124844	22/08/2016	214054	5	N	675	395350.02	6908710.32	1230	57341.21	99		0	57341.21
1124844	22/08/2016	213722	5	N	687.5	395358.41	6908718.13	1231	57321.88	99		0	57321.88
1124844	22/08/2016	213630	5	N	700	395365.1	6908729.14	1232	57312.33	99		0	57312.33
1124844	22/08/2016	213546	5	N	712.5	395371.05	6908738.81	1233	57322.6	99		0	57322.6
1124844	22/08/2016	213458	5	N	725	395377.56	6908749	1235	57319.35	99		0	57319.35
1124844	22/08/2016	213418	5	N	737.5	395385.51	6908760.04	1236	57319.42	99		0	57319.42
1124844	22/08/2016	213338	5	N	750	395393.59	6908768.91	1238	57330.42	99		0	57330.42
1124844	22/08/2016	213254	5	N	762.5	395404.2	6908776.41	1239	57347.6	99		0	57347.6
1124844	22/08/2016	213206	5	N	775	395410.79	6908784.35	1241	57375.4	99		0	57375.4
1124844	22/08/2016	213122	5	N	787.5	395418.31	6908796.14	1243	57346.18	99		0	57346.18
1124844	22/08/2016	212906	5	N	800	395424.84	6908805.8	1244	57358.48	99		0	57358.48
1124844	22/08/2016	212826	5	N	812.5	395432.06	6908817.05	1245	57369.98	99		0	57369.98
1124844	22/08/2016	212746	5	N	825	395438.45	6908825.46	1246	57341.89	99		0	57341.89
1124844	22/08/2016	212642	5	N	837.5	395447.04	6908835.54	1250	57373.26	99		0	57373.26
1124844	22/08/2016	212602	5	N	850	395452.29	6908846.82	1252	57351.46	99		0	57351.46
1124844	22/08/2016	212502	5	N	862.5	395459.12	6908856.54	1254	57408.06	99		0	57408.06
1124844	22/08/2016	212354	5	N	875	395465.92	6908867.51	1256	57392.79	99		0	57392.79
1124844	22/08/2016	212306	5	N	887.5	395472.43	6908877.41	1256	57403.59	99		0	57403.59
1124844	22/08/2016	212230	5	N	900	395479.91	6908888.45	1257	57415.49	99		0	57415.49
1124844	22/08/2016	212150	5	N	912.5	395487.66	6908898.41	1257	57454.27	99		0	57454.27
1124844	22/08/2016	212034	5	N	925	395495.3	6908907.73	1257	57542.96	99		0	57542.96
1124844	22/08/2016	211950	5	N	937.5	395500.52	6908918.91	1255	57595.96	99		0	57595.96
1124844	22/08/2016	211858	5	N	950	395507.2	6908929.79	1253	57620.44	99		0	57620.44
1124844	22/08/2016	211658	5	N	962.5	395513.39	6908940.71	1252	57424.81	99		0	57424.81
1124844	22/08/2016	211550	5	N	975	395520.17	6908951.18	1248	57443.6	99		0	57443.6
1124844	22/08/2016	211454	5	N	987.5	395529.11	6908958.72	1244	57454.9	99		0	57454.9
1124844	22/08/2016	211358	5	N	1000	395537.51	6908967.95	1239	57461.84	99		0	57461.84
1124844	22/08/2016	211142	5	N	1012.5	395542.91	6908976.83	1235	57446.04	99		0	57446.04
1124844	22/08/2016	210910	5	N	1025	395549.5	6908986.71	1231	57472.21	99		0	57472.21
1124844	22/08/2016	210810	5	N	1037.5	395557.68	6908993.78	1224	57495.84	99		0	57495.84
1124844	22/08/2016	210706	5	N	1050	395562.04	6909003.01	1217	57468.75	99		0	57468.75
1124844	22/08/2016	210602	5	N	1062.5	395568.72	6909012.34	1212	57492.64	99		0	57492.64
1124844	22/08/2016	210450	5	N	1075	395574.29	6909023.93	1208	57493.37	99		0	57493.37
1124844	22/08/2016	210358	5	N	1087.5	395582.44	6909034.77	1205	57494.92	99		0	57494.92
1124844	22/08/2016	210302	5	N	1100	395588.49	6909043.48	1204	57445.74	79		0	57445.74
1124844	22/08/2016	210142	5	N	1112.5	395593.08	6909055.62	1202	57439.84	99		0	57439.84
1124844	22/08/2016	210034	5	N	1125	395598.98	6909067.16	1200	57454.27	99		0	57454.27
1124844	22/08/2016	205926	5	N	1137.5	395610.11	6909074.32	1198	57461.46	99		0	57461.46
1124844	22/08/2016	205842	5	N	1150	395616.5	6909084.14	1197	57431.53	99		0	57431.53
1124844	22/08/2016	205742	5	N	1162.5	395622.84	6909093.91	1195	57470.51	99		0	57470.51
1124844	22/08/2016	205650	5	N	1175	395629.56	6909102.9	1192	57415.28	99		0	57415.28
1124844	22/08/2016	205550	5	N	1187.5	395639.22	6909112.01	1190	57411.82	99		0	57411.82
1124844	22/08/2016	205354	5	N	1200	395643.95	6909121.19	1186	57409.62	99		0	57409.62
1124844	22/08/2016	205254	5	N	1212.5	395651.71	6909130.36	1185	57439.47	99		0	57439.47
1124844	22/08/2016	205158	5	N	1225	395658.51	6909140.38	1183	57420.98	99		0	57420.98
1124844	22/08/2016	205022	5	N	1237.5	395667.38	6909147.15	1181	57399.63	99		0	57399.63
1124844	22/08/2016	204906	5	N	1250	395675.07	6909159.1	1178	57419.27	99		0	57419.27
1124844	22/08/2016	204810	5	N	1262.5	395679.6	6909170.11	1176	57379.6	99		0	57379.6
1124844	22/08/2016	204722	5	N	1275	395685.24	6909180.75	1174	57398.41	99		0	57398.41
1124844	22/08/2016	204630	5	N	1287.5	395690.47	6909191.56	1171	57388.66	99		0	57388.66
1124844	22/08/2016	204530	5	N	1300	395696.63	6909202.58	1168	57389.99	99		0	57389.99
1124844	22/08/2016	204434	5	N	1312.5	395701.04	6909213.51	1165	57377.86	99		0	57377.86
1124844	22/08/2016	204342	5	N	1325	395708.6	6909222.29	1163	57386.64	99		0	57386.64
1124844	22/08/2016	204238	5	N	1337.5	395716.19	6909232.54	1162	57429.62	99		0	57429.62
1124844	22/08/2016	204150	5	N	1350	395723.02	6909243.05	1160	57458.57	99		0	57458.57
1124844	22/08/2016	204042	5	N	1362.5	395730.23	6909251.68	1158	57441.9	99		0	57441.9
1124844	22/08/2016	203946	5	N	1375	395737.9	6909261.39	1156	57388.18	99		0	57388.18
1124844	22/08/2016	203854	5	N	1387.5	395746.25	6909270.78	1154	57400.78	99		0	57400.78
1124844	22/08/2016	203806	5	N	1400	395753.6	6909281.06	1151	57424.25	99		0	57424.25
1124844	22/08/2016	203434	5	N	1412.5	395758.17	6909290.46	1148	57447.94	99		0	57447.94
1124844	22/08/2016	203326	5	N	1425	395765.27	6909301.59	1146	57414.41	99		0	57414.41
1124844	22/08/2016	203222	5	N	1437.5	395774.43	6909311.53	1143	57464.55	99		0	57464.55
1124844	22/08/2016	202954	5	N	1450	395780.32	6909320.74	1140	57502.75	99		0	57502.75
1124844	22/08/2016	203022	5	N	1450	395780.32	6909320.85	1139	57501.03	99		1	
8042728	22/08/2016	222226	7	N	0.00	395154.90	6908067.63	1130.00	57371.52	39		1	
8042728	22/08/2016	222250	7	N	0.00	395154.10	6908066.57	1129.00	57369.84	19		1	
8042728	22/08/2016	222318	7	N	0.00	395153.93	6908064.93	1130.00	57295.45	99		2	
8042728	22/08/2016	222338	7	N	0.00	395153.99	6908064.25	1130.0					

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	22/08/2016	214134	7	N	637.50	395505.75	6908568.50	1237.00	57527.43	79		0	57527.43
8042728	22/08/2016	214050	7	N	650.00	395513.71	6908583.23	1239.00	57404.07	99		0	57404.07
8042728	22/08/2016	213742	7	N	662.50	395520.07	6908590.73	1240.00	57440.51	99		0	57440.51
8042728	22/08/2016	213650	7	N	675.00	395529.38	6908606.14	1242.00	57382.17	99		0	57382.17
8042728	22/08/2016	213602	7	N	687.50	395536.52	6908615.54	1244.00	57437.35	89		0	57437.35
8042728	22/08/2016	213510	7	N	700.00	395543.57	6908625.76	1245.00	57421.75	99		0	57421.75
8042728	22/08/2016	213426	7	N	712.50	395549.40	6908633.64	1247.00	57333.86	99		0	57333.86
8042728	22/08/2016	213338	7	N	725.00	395556.22	6908642.57	1248.00	57492.94	39	Bad Point, strange increase	9	
8042728	22/08/2016	213242	7	N	737.50	395564.47	6908654.14	1250.00	57401.82	99		0	57401.82
8042728	22/08/2016	213150	7	N	750.00	395570.81	6908663.54	1252.00	57397.16	99		0	57397.16
8042728	22/08/2016	213106	7	N	762.50	395576.60	6908673.54	1252.00	57445.55	59		0	57445.55
8042728	22/08/2016	213026	7	N	775.00	395583.92	6908683.80	1254.00	57440.3	89		0	57440.30
8042728	22/08/2016	212930	7	N	787.50	395588.80	6908692.55	1256.00	57442.22	79		0	57442.22
8042728	22/08/2016	212822	7	N	800.00	395597.45	6908703.98	1258.00	57383.9	99		0	57383.90
8042728	22/08/2016	212742	7	N	812.50	395603.75	6908713.71	1259.00	57492.16	39		0	57492.16
8042728	22/08/2016	212658	7	N	825.00	395608.52	6908720.48	1260.00	57469.46	69		0	57469.46
8042728	22/08/2016	212618	7	N	837.50	395617.98	6908732.88	1261.00	57438.73	99		0	57438.73
8042728	22/08/2016	212530	7	N	850.00	395624.55	6908743.29	1263.00	57536.21	59	Bad Point, Strange increase	9	
8042728	22/08/2016	212446	7	N	862.50	395634.48	6908757.67	1264.00	57470.04	99		0	57470.04
8042728	22/08/2016	212402	7	N	875.00	395640.71	6908767.32	1265.00	57454.04	99		0	57454.04
8042728	22/08/2016	212314	7	N	887.50	395647.71	6908778.62	1266.00	57474.05	79		0	57474.05
8042728	22/08/2016	212230	7	N	900.00	395654.76	6908788.99	1267.00	57461.03	99		0	57461.03
8042728	22/08/2016	212138	7	N	912.50	395659.19	6908796.75	1267.00	57545.43	9	Bad point	9	
8042728	22/08/2016	212054	7	N	925.00	395664.73	6908804.87	1267.00	57438.86	99		0	57438.86
8042728	22/08/2016	212010	7	N	937.50	395670.56	6908817.51	1269.00	57539	79		0	57539.00
8042728	22/08/2016	211918	7	N	950.00	395678.50	6908830.75	1270.00	57518.64	69		0	57518.64
8042728	22/08/2016	211826	7	N	962.50	395685.57	6908841.54	1270.00	57416.75	99		0	57416.75
8042728	22/08/2016	211742	7	N	975.00	395692.00	6908851.65	1271.00	57511.54	69		0	57511.54
8042728	22/08/2016	211654	7	N	987.50	395699.48	6908861.55	1270.00	57489.55	59		0	57489.55
8042728	22/08/2016	211606	7	N	1000.00	395706.25	6908871.27	1269.00	57446.83	79		0	57446.83
8042728	22/08/2016	211522	7	N	1012.50	395714.64	6908883.37	1268.00	57465.45	99		0	57465.45
8042728	22/08/2016	211430	7	N	1025.00	395720.24	6908891.91	1268.00	57426.89	99		0	57426.89
8042728	22/08/2016	211330	7	N	1037.50	395728.83	6908901.16	1266.00	57433.14	99		0	57433.14
8042728	22/08/2016	211218	7	N	1050.00	395738.78	6908916.43	1264.00	57409.03	99		0	57409.03
8042728	22/08/2016	211126	7	N	1062.50	395746.74	6908928.89	1260.00	57421.64	99		0	57421.64
8042728	22/08/2016	211026	7	N	1075.00	395751.60	6908937.97	1256.00	57482.28	99		0	57482.28
8042728	22/08/2016	210834	7	N	1087.50	395756.76	6908952.66	1251.00	57413.9	99		0	57413.90
8042728	22/08/2016	210730	7	N	1100.00	395764.13	6908962.23	1247.00	57435.65	79		0	57435.65
8042728	22/08/2016	210622	7	N	1112.50	395769.14	6908969.52	1242.00	57375.18	99		0	57375.18
8042728	22/08/2016	205950	7	N	1125.00	395780.86	6908980.31	1234.00	57409.8	99		0	57409.80
8042728	22/08/2016	205854	7	N	1137.50	395787.57	6908987.87	1229.00	57315.23	89		0	57315.23
8042728	22/08/2016	205742	7	N	1150.00	395795.90	6908998.52	1226.00	57321.16	59		0	57321.16
8042728	22/08/2016	205634	7	N	1162.50	395801.39	6909008.51	1224.00	57362.71	99		0	57362.71
8042728	22/08/2016	205542	7	N	1175.00	395808.70	6909020.22	1221.00	57428.06	99		0	57428.06
8042728	22/08/2016	205450	7	N	1187.50	395813.84	6909028.97	1219.00	57413.07	99		0	57413.07
8042728	22/08/2016	205354	7	N	1200.00	395819.12	6909039.08	1217.00	57402.59	89		0	57402.59
8042728	22/08/2016	205306	7	N	1212.50	395825.93	6909049.32	1215.00	57387.81	99		0	57387.81
8042728	22/08/2016	205110	7	N	1225.00	395831.80	6909057.35	1214.00	57367.73	99		0	57367.73
8042728	22/08/2016	204954	7	N	1237.50	395840.68	6909069.15	1211.00	57454.8	99		0	57454.80
8042728	22/08/2016	204750	7	N	1250.00	395850.24	6909084.22	1207.00	57364.59	99		0	57364.59
8042728	22/08/2016	204558	7	N	1262.50	395857.39	6909094.35	1203.00	57388.17	99		0	57388.17
8042728	22/08/2016	204510	7	N	1275.00	395864.73	6909103.83	1200.00	57381.54	99		0	57381.54
8042728	22/08/2016	204426	7	N	1287.50	395871.50	6909112.46	1197.00	57373.95	99		0	57373.95
8042728	22/08/2016	204310	7	N	1300.00	395878.91	6909121.08	1193.00	57343.41	99		0	57343.41
8042728	22/08/2016	204218	7	N	1312.50	395886.80	6909132.18	1190.00	57379.74	99		0	57379.74
8042728	22/08/2016	204122	7	N	1325.00	395893.12	6909140.58	1187.00	57367.58	99		0	57367.58
8042728	22/08/2016	204010	7	N	1337.50	395901.57	6909150.56	1183.00	57370.08	99		0	57370.08
8042728	22/08/2016	203918	7	N	1350.00	395907.61	6909157.60	1181.00	57434.9	99		0	57434.90
8042728	22/08/2016	203718	7	N	1362.50	395916.67	6909169.98	1176.00	57389.09	99		0	57389.09
8042728	22/08/2016	203610	7	N	1375.00	395923.97	6909179.17	1173.00	57428.57	99		0	57428.57
8042728	22/08/2016	203514	7	N	1387.50	395929.21	6909187.39	1171.00	57453.36	99		0	57453.36
8042728	22/08/2016	203358	7	N	1400.00	395938.05	6909198.10	1168.00	57391.75	89		0	57391.75
8042728	22/08/2016	203218	7	N	1412.50	395944.00	6909205.97	1164.00	57391.23	99		0	57391.23
8042728	22/08/2016	203254	7	N	1412.50	395944.40	6909206.69	1165.00	57387.25	99		1	
1124844	22/08/2016	232314	9	N	0	395315.83	6907955.75	1134	57296.38	99		0	57296.38
1124844	22/08/2016	232338	9	N	0	395316.4	6907956.14	1134	57294.85	99		1	
1124844	22/08/2016	232534	9	N	12.5	395324.68	6907959.2	1135	57238.95	99		0	57238.95
1124844	22/08/2016	232622	9	N	25	395329.83	6907969.45	1137	57271.13	99		0	57271.13
1124844	22/08/2016	232730	9	N	37.5	395337.41	6907978.4	1143	57232.25	99		0	57232.25
1124844	22/08/2016	232814	9	N	50	395346.7	6907984.93	1144	57206.08	99		0	57206.08
1124844	22/08/2016	232858	9	N	62.5	395355.68	6907995.73	1148	57274.06	99		0	57274.06
1124844	22/08/2016	232958	9	N	75	395359.62	6908005.87	1155	57258.1	99		0	57258.10
1124844	22/08/2016	233038	9	N	87.5	395363.03	6908014.48	1156	57293.76	99		0	57293.76
1124844	22/08/2016	233126	9	N	100	395371.22	6908024.65	1159	57268.7	99		0	57268.70
1124844	22/08/2016	233214	9	N	112.5	395377.98	6908034.26	1162	57257.04	99		0	57257.04
1124844	22/08/2016	233258	9	N	125	395381.47	6908045.56	1163	57281.72	99		0	57281.72
1124844	22/08/2016	233346	9	N	137.5	395385.85	6908056.41	1167	57313.95	99		0	57313.95
1124844	22/08/2016	233446	9	N	150	395393.36	6908067.47	1168	57303.53	99		0	57303.53
1124844	22/08/2016	233542	9	N	162.50	395402.77	6908073.85	1171.00	57280.7	99		0	57280.70
1124844	22/08/2016	233626	9	N	175.00	395410.82	6908081.94	1173.00	57259.44	99		0	57259.44
1124844	22/08/2016	233722	9	N	187.50	395422.06	6908091.46	1176.00	57303.95	99		0	57303.95
1124844	22/08/2016	233826	9	N	200.00	395427.23	6908100.38	1179.00	57268.57	99		0	57268.57
1124844	22/08/2016	233914											

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	23/08/2016	170810	9	N	837.50	395773.81	6908608.39	1266.00	57450.73	99		0	57450.73
1124844	23/08/2016	170854	9	N	850.00	395777.63	6908617.86	1268.00	57367.35	99		0	57367.35
1124844	23/08/2016	170942	9	N	862.50	395782.73	6908629.05	1270.00	57366.71	99		0	57366.71
1124844	23/08/2016	171030	9	N	875.00	395791.04	6908638.12	1270.00	57331.98	99		0	57331.98
1124844	23/08/2016	171154	9	N	887.50	395796.03	6908645.86	1269.00	57379.31	99		0	57379.31
1124844	23/08/2016	171234	9	N	900.00	395806.20	6908658.57	1270.00	57341.73	99		0	57341.73
1124844	23/08/2016	171346	9	N	912.50	395813.73	6908666.32	1269.00	57307.77	99		0	57307.77
1124844	23/08/2016	171430	9	N	925.00	395820.09	6908678.52	1269.00	57374.86	69		2	
1124844	23/08/2016	171502	9	N	925.00	395820.53	6908678.43	1269.00	57362.84	99	better point	0	57362.84
1124844	23/08/2016	171722	9	N	937.50	395827.59	6908689.50	1267.00	57372.85	89		0	57372.85
1124844	23/08/2016	171758	9	N	950.00	395834.66	6908697.65	1264.00	57365.93	89		0	57365.93
1124844	23/08/2016	171834	9	N	962.50	395841.18	6908708.11	1261.00	57328.59	79		0	57328.59
1124844	23/08/2016	171938	9	N	975.00	395846.04	6908720.14	1258.00	57342.85	99		0	57342.85
1124844	23/08/2016	172014	9	N	987.50	395853.26	6908729.39	1255.00	57387.89	69		0	57387.89
1124844	23/08/2016	172046	9	N	1000.00	395862.69	6908737.88	1255.00	57423.04	69		0	57423.04
1124844	23/08/2016	172118	9	N	1012.50	395871.39	6908746.10	1253.00	57379.07	99		0	57379.07
1124844	23/08/2016	172150	9	N	1025.00	395879.64	6908755.83	1252.00	57411.39	59		0	57411.39
1124844	23/08/2016	172226	9	N	1037.50	395885.65	6908765.84	1253.00	57365.65	99		0	57365.65
1124844	23/08/2016	172302	9	N	1050.00	395892.45	6908776.54	1252.00	57422.42	99		0	57422.42
1124844	23/08/2016	172334	9	N	1062.50	395900.08	6908788.08	1250.00	57428.22	39		2	
1124844	23/08/2016	172402	9	N	1062.50	395899.91	6908787.91	1251.00	57411.71	49	Better point	0	57411.71
1124844	23/08/2016	172634	9	N	1075.00	395906.14	6908797.86	1250.00	57423.58	99		0	57423.58
1124844	23/08/2016	172710	9	N	1087.50	395913.82	6908808.41	1248.00	57447.94	99		0	57447.94
1124844	23/08/2016	172746	9	N	1100.00	395921.20	6908819.33	1247.00	57418.37	99		0	57418.37
1124844	23/08/2016	172822	9	N	1112.50	395928.52	6908830.14	1245.00	57388.87	99		0	57388.87
1124844	23/08/2016	172906	9	N	1125.00	395936.22	6908840.62	1243.00	57411.02	99		0	57411.02
1124844	23/08/2016	172942	9	N	1137.50	395943.15	6908849.87	1243.00	57345.63	99		0	57345.63
1124844	23/08/2016	173022	9	N	1150.00	395949.94	6908859.74	1241.00	57329.6	99		0	57329.6
1124844	23/08/2016	173058	9	N	1162.50	395956.85	6908869.46	1239.00	57359.69	99		0	57359.69
1124844	23/08/2016	173138	9	N	1175.00	395964.25	6908880.37	1238.00	57428.62	79		0	57428.62
1124844	23/08/2016	173218	9	N	1187.50	395972.16	6908890.52	1236.00	57390.48	99		0	57390.48
1124844	23/08/2016	173258	9	N	1200.00	395979.36	6908900.72	1234.00	57368.88	99		0	57368.88
1124844	23/08/2016	173334	9	N	1212.50	395987.30	6908910.85	1231.00	57345.98	99		0	57345.98
1124844	23/08/2016	173418	9	N	1225.00	395993.19	6908918.56	1229.00	57273.78	69		0	57273.78
1124844	23/08/2016	173502	9	N	1237.50	396000.23	6908929.20	1225.00	57316.83	69		0	57316.83
1124844	23/08/2016	173546	9	N	1250.00	396006.68	6908938.60	1219.00	57295.32	69		0	57295.32
1124844	23/08/2016	173630	9	N	1262.50	396014.03	6908948.46	1215.00	57289.97	99		0	57289.97
1124844	23/08/2016	173706	9	N	1275.00	396020.47	6908957.83	1213.00	57319.17	99		0	57319.17
1124844	23/08/2016	173750	9	N	1287.50	396027.73	6908967.66	1208.00	57355.27	99		0	57355.27
1124844	23/08/2016	173830	9	N	1300.00	396032.69	6908977.92	1205.00	57375.12	99		0	57375.12
1124844	23/08/2016	173910	9	N	1312.50	396040.33	6908987.44	1203.00	57333.88	99		0	57333.88
1124844	23/08/2016	173946	9	N	1325.00	396046.83	6908997.72	1200.00	57401.75	99		0	57401.75
1124844	23/08/2016	174030	9	N	1337.50	396052.49	6909008.45	1197.00	57377.23	99		0	57377.23
1124844	23/08/2016	174114	9	N	1350.00	396059.57	6909019.22	1194.00	57357.81	99		0	57357.81
1124844	23/08/2016	174150	9	N	1362.50	396066.26	6909027.83	1192.00	57328.43	99		0	57328.43
1124844	23/08/2016	174230	9	N	1375.00	396074.73	6909038.07	1188.00	57382.53	99		0	57382.53
1124844	23/08/2016	174314	9	N	1387.50	396081.76	6909047.75	1186.00	57593.5	49		2	
1124844	23/08/2016	174338	9	N	1387.50	396081.91	6909047.68	1186.00	57606.12	89	Better point	0	57606.12
1124844	23/08/2016	174522	9	N	1400.00	396089.49	6909056.89	1184.00	57442.51	99		0	57442.51
1124844	23/08/2016	174606	9	N	1412.50	396097.75	6909067.23	1181.00	57392.79	99		0	57392.79
1124844	23/08/2016	174646	9	N	1425.00	396103.38	6909076.51	1177.00	57421.05	99		0	57421.05
1124844	23/08/2016	174726	9	N	1437.50	396110.38	6909085.97	1175.00	57539.19	79	Best Point	0	57539.19
1124844	23/08/2016	174926	9	N	1437.50	396110.68	6909085.79	1175.00	57713.93	39		2	
1124844	23/08/2016	174950	9	N	1437.50	396110.69	6909085.79	1175.00	57670.51	69		1	
1124844	23/08/2016	175014	9	N	1437.50	396110.69	6909085.78	1175.00	57676.13	69		1	
8042728	22/08/2016	232746	11	N	0.00	395478.72	6907843.00	1109.00	57255.03	99		0	57255.03
8042728	22/08/2016	232806	11	N	0.00	395478.71	6907841.72	1108.00	57255.75	99		1	
8042728	22/08/2016	232906	11	N	12.50	395484.53	6907852.89	1110.00	57289.23	99		0	57289.23
8042728	22/08/2016	232946	11	N	25.00	395490.66	6907863.06	1114.00	57371.53	99		0	57371.53
8042728	22/08/2016	233034	11	N	37.50	395498.61	6907871.60	1115.00	57407.59	99		0	57407.59
8042728	22/08/2016	233126	11	N	50.00	395506.62	6907881.70	1121.00	57453.14	99		0	57453.14
8042728	22/08/2016	233210	11	N	62.50	395512.35	6907893.11	1125.00	57331.6	99		0	57331.60
8042728	22/08/2016	233306	11	N	75.00	395520.95	6907903.82	1123.00	57370.93	99		0	57370.93
8042728	22/08/2016	233350	11	N	87.50	395526.14	6907914.21	1127.00	57366.46	99		0	57366.46
8042728	22/08/2016	233434	11	N	100.00	395532.41	6907922.63	1129.00	57389.28	99		0	57389.28
8042728	22/08/2016	233530	11	N	112.50	395539.64	6907933.31	1132.00	57326.3	99		0	57326.30
8042728	22/08/2016	233646	11	N	125.00	395546.92	6907945.59	1133.00	57339.16	99		0	57339.16
8042728	22/08/2016	233730	11	N	137.50	395553.57	6907956.01	1136.00	57395.73	99		0	57395.73
8042728	22/08/2016	233818	11	N	150.00	395561.08	6907961.13	1134.00	57454.83	99		0	57454.83
8042728	22/08/2016	233942	11	N	162.50	395567.64	6907972.16	1136.00	57482.59	99		0	57482.59
8042728	22/08/2016	234046	11	N	175.00	395578.34	6907983.14	1140.00	57408.07	99		0	57408.07
8042728	22/08/2016	234130	11	N	187.50	395583.84	6907989.34	1141.00	57369.52	99		0	57369.52
8042728	22/08/2016	234238	11	N	200.00	395592.55	6907998.22	1144.00	57459.38	99		0	57459.38
8042728	22/08/2016	234558	11	N	212.50	395603.20	6908011.24	1143.00	57297.34	99		0	57297.34
8042728	22/08/2016	234726	11	N	225.00	395612.67	6908022.64	1143.00	57424.82	99		0	57424.82
8042728	22/08/2016	234810	11	N	237.50	395613.69	6908029.71	1145.00	57381.17	99		0	57381.17
8042728	22/08/2016	234914	11	N	250.00	395620.71	6908038.79	1148.00	57377.35	99		0	57377.35
8042728	22/08/2016	234958	11	N	262.50	395627.34	6908047.64	1149.00	57384.63	99		0	57384.63
8042728	22/08/2016	235106	11	N	275.00	395634.40	6908058.32	1153.00	57436.1	99		0	57436.10
8042728	22/08/2016	235150	11	N	287.50	395640.86	6908070.32	1154.00	57421.38	99		0	57421.38
8042728	22/08/2016	235250	11	N	300.00	395646.33	6908080.70	1154.00	57449.05	99		0	57449.05
8042728	22/08/2016	235334	11	N	312.50	395652.29	6908088.98	1					

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042757	23/08/2016	171018	11	N	975.00	396028.18	6908612.89	1221.00	57327.42	99		0	57327.42
8042758	23/08/2016	171126	11	N	987.50	396037.24	6908625.74	1222.00	57350.41	99		0	57350.41
8042759	23/08/2016	171214	11	N	1000.00	396042.22	6908633.30	1223.00	57379.24	99		0	57379.24
8042760	23/08/2016	171254	11	N	1012.50	396049.73	6908641.61	1223.00	57361.04	99		0	57361.04
8042761	23/08/2016	171358	11	N	1025.00	396058.63	6908650.82	1223.00	57456.29	99		0	57456.29
8042762	23/08/2016	171450	11	N	1037.50	396067.08	6908660.08	1223.00	57329.3	99		0	57329.30
8042763	23/08/2016	171650	11	N	1050.00	396073.41	6908669.05	1222.00	57363.84	99		0	57363.84
8042764	23/08/2016	171802	11	N	1062.50	396078.87	6908682.11	1223.00	57383.25	69		0	57383.25
8042765	23/08/2016	171942	11	N	1075.00	396084.91	6908691.19	1225.00	57389.11	99		0	57389.11
8042766	23/08/2016	172046	11	N	1087.50	396095.72	6908703.67	1226.00	57315.35	99		0	57315.35
8042767	23/08/2016	172154	11	N	1100.00	396099.86	6908713.86	1227.00	57324.51	99		0	57324.51
8042768	23/08/2016	172310	11	N	1112.50	396111.89	6908729.65	1227.00	57368.6	79		0	57368.60
8042769	23/08/2016	172354	11	N	1125.00	396118.18	6908740.75	1227.00	57392.85	99		0	57392.85
8042770	23/08/2016	172650	11	N	1137.50	396120.45	6908748.26	1227.00	57403.55	99		0	57403.55
8042771	23/08/2016	172802	11	N	1150.00	396126.00	6908756.74	1227.00	57389.65	99		0	57389.65
8042772	23/08/2016	172906	11	N	1162.50	396133.88	6908766.81	1227.00	57371.28	99		0	57371.28
8042773	23/08/2016	172946	11	N	1175.00	396139.08	6908775.13	1228.00	57416.29	69		0	57416.29
8042774	23/08/2016	173042	11	N	1187.50	396143.51	6908782.47	1227.00	57334.75	59		0	57334.75
8042775	23/08/2016	173142	11	N	1200.00	396150.87	6908792.17	1228.00	57363.48	99		0	57363.48
8042776	23/08/2016	173238	11	N	1212.50	396157.25	6908801.93	1228.00	57355.4	99		0	57355.40
8042777	23/08/2016	173334	11	N	1225.00	396165.95	6908814.52	1228.00	57381.33	79		0	57381.33
8042778	23/08/2016	173418	11	N	1237.50	396172.59	6908824.94	1230.00	57375.1	99		0	57375.10
8042779	23/08/2016	173614	11	N	1250.00	396181.39	6908836.42	1229.00	57370.08	79		0	57370.08
8042780	23/08/2016	173710	11	N	1262.50	396185.79	6908843.06	1228.00	57473.77	79		0	57473.77
8042781	23/08/2016	173802	11	N	1275.00	396194.48	6908853.84	1224.00	57459.44	69		0	57459.44
8042782	23/08/2016	173914	11	N	1287.50	396202.78	6908865.27	1220.00	57287.18	99		0	57287.18
8042783	23/08/2016	173950	11	N	1300.00	396208.93	6908873.93	1218.00	57309.83	99		0	57309.83
8042784	23/08/2016	174034	11	N	1312.50	396216.33	6908882.48	1215.00	57297.83	69		0	57297.83
8042785	23/08/2016	174126	11	N	1325.00	396223.34	6908892.20	1210.00	57273.57	29		0	57273.57
8042786	23/08/2016	174226	11	N	1337.50	396231.91	6908900.81	1205.00	57147.25	99		0	57147.25
8042787	23/08/2016	174326	11	N	1350.00	396237.46	6908907.88	1201.00	57231.23	69		0	57231.23
8042788	23/08/2016	174422	11	N	1362.50	396245.17	6908918.55	1197.00	57305.92	99		0	57305.92
8042789	23/08/2016	174614	11	N	1375.00	396255.11	6908930.33	1193.00	57154.69	99		0	57154.69
8042790	23/08/2016	174658	11	N	1387.50	396261.99	6908938.13	1191.00	57219.94	99		0	57219.94
8042791	23/08/2016	174734	11	N	1400.00	396270.18	6908946.92	1189.00	57296.12	39		1	
8042792	23/08/2016	174754	11	N	1400.00	396270.10	6908947.10	1189.00	57286.98	39		1	
8042793	23/08/2016	174810	11	N	1400.00	396270.06	6908947.06	1190.00	57286.62	69		0	57286.62
8042794	23/08/2016	174854	11	N	1412.50	396276.54	6908956.25	1188.00	57283.89	99		0	57283.89
8042795	23/08/2016	174942	11	N	1425.00	396283.28	6908965.77	1186.00	57222.96	99		0	57222.96
8042796	23/08/2016	175010	11	N	1437.50	396290.18	6908974.65	1183.00	57291.45	99		0	57291.45
8042797	23/08/2016	175046	11	N	1450.00	396297.53	6908984.82	1181.00	57251.14	99		0	57251.14
8042798	23/08/2016	175122	11	N	1462.50	396303.81	6908993.78	1178.00	57233.56	99		0	57233.56
8042799	23/08/2016	175158	11	N	1475.00	396312.95	6909003.96	1176.00	57229.19	99		0	57229.19
8042800	23/08/2016	175254	11	N	1487.50	396319.67	6909016.24	1174.00	57260.28	99		0	57260.28
8042801	23/08/2016	175358	11	N	1500.00	396325.31	6909025.34	1172.00	57337.29	49		0	57337.29
8042802	23/08/2016	175442	11	N	1512.50	396332.13	6909035.19	1170.00	57348.82	99		0	57348.82
8042803	23/08/2016	175542	11	N	1525.00	396338.78	6909045.13	1169.00	57335.98	99		0	57335.98
8042804	23/08/2016	175618	11	N	1537.50	396346.25	6909056.74	1166.00	57287.11	79		0	57287.11
8042805	23/08/2016	175702	11	N	1550.00	396352.32	6909066.39	1165.00	57318.91	99		0	57318.91
8042806	23/08/2016	175738	11	N	1562.50	396361.47	6909078.68	1162.00	57210.59	99		0	57210.59
8042807	23/08/2016	175842	11	N	1575.00	396367.56	6909085.20	1160.00	57260.78	99		0	57260.78
8042808	23/08/2016	175938	11	N	1587.50	396374.36	6909095.91	1158.00	57204.97	99		0	57204.97
8042809	23/08/2016	180014	11	N	1600.00	396380.52	6909105.70	1156.00	57273.45	99		0	57273.45
8042810	23/08/2016	180050	11	N	1612.50	396388.61	6909117.15	1155.00	57255.71	99		0	57255.71
8042811	23/08/2016	180130	11	N	1625.00	396395.57	6909125.89	1152.00	57208.6	99		0	57208.60
8042812	23/08/2016	180202	11	N	1637.50	396402.67	6909136.21	1150.00	57242.43	79		0	57242.43
8042813	23/08/2016	180238	11	N	1650.00	396409.96	6909146.98	1148.00	57267.01	99		0	57267.01
8042814	23/08/2016	180310	11	N	1662.50	396417.53	6909156.21	1147.00	57176.33	69		0	57176.33
8042815	23/08/2016	180346	11	N	1675.00	396425.84	6909166.38	1144.00	57241.07	99		0	57241.07
8042816	23/08/2016	180422	11	N	1687.50	396435.36	6909178.05	1143.00	57183.75	79		0	57183.75
8042817	23/08/2016	180454	11	N	1700.00	396440.71	6909185.92	1142.00	57167.83	99		0	57167.83
8042818	23/08/2016	180526	11	N	1712.50	396447.09	6909194.19	1140.00	57242.25	49		0	57242.25
8042819	23/08/2016	180558	11	N	1725.00	396454.47	6909206.54	1138.00	57247.87	69		0	57247.87
8042820	23/08/2016	180626	11	N	1737.50	396461.84	6909216.21	1135.00	57220.78	99		0	57220.78
8042821	23/08/2016	180702	11	N	1750.00	396470.28	6909227.41	1133.00	57191.96	99		0	57191.96
8042822	23/08/2016	180734	11	N	1762.50	396477.60	6909236.85	1130.00	57274.48	69		0	57274.48
8042823	23/08/2016	180810	11	N	1775.00	396484.00	6909245.25	1128.00	57198.69	59		0	57198.69
8042824	23/08/2016	180846	11	N	1787.50	396491.00	6909256.06	1127.00	57151.55	59		2	
8042825	23/08/2016	180910	11	N	1787.50	396491.03	6909256.52	1127.00	57225.05	59	Better point	0	57225.05
8042826	23/08/2016	180942	11	N	1800.00	396497.79	6909266.45	1125.00	57240.76	89		0	57240.76
8042827	23/08/2016	181018	11	N	1812.50	396505.03	6909275.92	1123.00	57246.67	99		0	57246.67
8042828	23/08/2016	181054	11	N	1825.00	396512.41	6909286.22	1120.00	57188.13	79		0	57188.13
8042829	23/08/2016	181222	11	N	1837.50	396518.85	6909294.51	1119.00	57223.08	99		0	57223.08
8042830	23/08/2016	181302	11	N	1850.00	396528.02	6909305.96	1115.00	57207.72	99		0	57207.72
8042831	23/08/2016	181334	11	N	1862.50	396535.63	6909316.13	1113.00	57217.3	89		0	57217.30
8042832	23/08/2016	181406	11	N	1875.00	396542.69	6909326.01	1108.00	57244.72	99		0	57244.72
8042833	23/08/2016	181442	11	N	1887.50	396549.82	6909334.12	1108.00	57333.7	49		0	57333.70
8042834	23/08/2016	181534	11	N	1900.00	396554.91	6909343.26	1108.00	57361.54	39		0	57361.54
8042835	23/08/2016	181610	11	N	1912.50	396559.00	6909355.68	1105.00	57300.68	49		0	57300.68
8042836	23/08/2016	181626	11	N	1912.50	396558.99	6909355.58	1105.00	57316.28	49		2	
1124844	23/08/2016	220110	13	N	0.00	395650.49	6907724.93	1064.00	57089.29	99	Better point</		

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	23/08/2016	211214	13	N	675.00	396018.34	6908261.01	1170.00	57280.05	99		0	57280.05
1124844	23/08/2016	211110	13	N	687.50	396026.43	6908273.39	1171.00	57355.15	99		0	57355.15
1124844	23/08/2016	211002	13	N	700.00	396031.50	6908281.83	1172.00	57311.04	99		0	57311.04
1124844	23/08/2016	210722	13	N	712.50	396042.45	6908291.45	1175.00	57346.7	99		0	57346.70
1124844	23/08/2016	210642	13	N	725.00	396050.15	6908303.53	1177.00	57254.1	99		0	57254.10
1124844	23/08/2016	210606	13	N	737.50	396058.64	6908313.33	1178.00	57272.06	99		0	57272.06
1124844	23/08/2016	210522	13	N	750.00	396064.82	6908323.94	1180.00	57238.93	99		0	57238.93
1124844	23/08/2016	210402	13	N	762.50	396071.96	6908335.80	1182.00	57293.5	69		2	
1124844	23/08/2016	210422	13	N	762.50	396071.67	6908335.91	1181.00	57207.91	99	Better Point	0	57207.91
1124844	23/08/2016	210318	13	N	775.00	396081.41	6908343.56	1182.00	57238.62	99		0	57238.62
1124844	23/08/2016	210242	13	N	787.50	396088.52	6908354.45	1186.00	57254.97	99		0	57254.97
1124844	23/08/2016	210202	13	N	800.00	396093.73	6908364.70	1186.00	57263.14	99		0	57263.14
1124844	23/08/2016	210054	13	N	812.50	396102.92	6908375.54	1187.00	57324.96	39		2	
1124844	23/08/2016	210110	13	N	812.50	396102.31	6908375.97	1189.00	57267.09	99	Better Point	0	57267.09
1124844	23/08/2016	210018	13	N	825.00	396107.21	6908387.79	1187.00	57234.81	99		0	57234.81
1124844	23/08/2016	205942	13	N	837.50	396114.23	6908397.44	1188.00	57274.46	99		0	57274.46
1124844	23/08/2016	205830	13	N	850.00	396121.39	6908409.53	1190.00	57231.32	99		0	57231.32
1124844	23/08/2016	205738	13	N	862.50	396126.72	6908420.91	1192.00	57262.79	99		0	57262.79
1124844	23/08/2016	205630	13	N	875.00	396135.20	6908430.19	1192.00	57277.89	69		0	57277.89
1124844	23/08/2016	205534	13	N	887.50	396144.45	6908438.42	1192.00	57238.43	79		0	57238.43
1124844	23/08/2016	205442	13	N	900.00	396149.98	6908449.02	1192.00	57228.11	99		0	57228.11
1124844	23/08/2016	205402	13	N	912.50	396156.37	6908461.19	1192.00	57262.98	99		0	57262.98
1124844	23/08/2016	205322	13	N	925.00	396163.97	6908471.21	1193.00	57246.67	99		0	57246.67
1124844	23/08/2016	205214	13	N	937.50	396170.03	6908482.74	1195.00	57236.46	99		0	57236.46
1124844	23/08/2016	205130	13	N	950.00	396176.55	6908493.68	1196.00	57276.76	99		0	57276.76
1124844	23/08/2016	205038	13	N	962.50	396185.81	6908501.70	1196.00	57239.23	99		0	57239.23
1124844	23/08/2016	204954	13	N	975.00	396193.35	6908511.00	1198.00	57233.98	99		0	57233.98
1124844	23/08/2016	204918	13	N	987.50	396200.20	6908521.04	1199.00	57237.16	99		0	57237.16
1124844	23/08/2016	204842	13	N	1000.00	396209.44	6908532.29	1200.00	57249.69	99		0	57249.69
1124844	23/08/2016	204750	13	N	1012.50	396213.93	6908540.41	1202.00	57396.9	59		2	
1124844	23/08/2016	204810	13	N	1012.50	396213.81	6908539.91	1202.00	57308.99	99	Better point	0	57308.99
1124844	23/08/2016	204702	13	N	1025.00	396219.28	6908549.98	1203.00	57308.86	99		0	57308.86
1124844	23/08/2016	204622	13	N	1037.50	396227.73	6908562.56	1205.00	57309.7	99		0	57309.70
1124844	23/08/2016	204514	13	N	1050.00	396235.49	6908571.96	1206.00	57317.43	99		0	57317.43
1124844	23/08/2016	204434	13	N	1062.50	396243.89	6908580.12	1207.00	57363.03	69		0	57363.03
1124844	23/08/2016	204346	13	N	1075.00	396249.57	6908590.63	1208.00	57319.32	99		0	57319.32
1124844	23/08/2016	204310	13	N	1087.50	396255.73	6908600.93	1209.00	57414.64	89		0	57414.64
1124844	23/08/2016	204234	13	N	1100.00	396261.59	6908612.23	1209.00	57334.5	99		0	57334.50
1124844	23/08/2016	204046	13	N	1112.50	396269.75	6908622.40	1211.00	57332.14	99		0	57332.14
1124844	23/08/2016	204010	13	N	1125.00	396277.28	6908630.47	1211.00	57282.54	99		0	57282.54
1124844	23/08/2016	203938	13	N	1137.50	396284.60	6908638.33	1212.00	57262.12	99		0	57262.12
1124844	23/08/2016	203850	13	N	1150.00	396294.03	6908649.61	1213.00	57247.22	99		0	57247.22
1124844	23/08/2016	203818	13	N	1162.50	396298.47	6908659.49	1214.00	57254.32	99		0	57254.32
1124844	23/08/2016	203742	13	N	1175.00	396306.46	6908670.74	1214.00	57296.04	99		0	57296.04
1124844	23/08/2016	203706	13	N	1187.50	396310.69	6908682.27	1216.00	57275.44	99		0	57275.44
1124844	23/08/2016	203110	13	N	1200.00	396316.97	6908689.52	1215.00	57229.27	99		0	57229.27
1124844	23/08/2016	203034	13	N	1212.50	396320.24	6908700.78	1216.00	57224.51	99		0	57224.51
1124844	23/08/2016	202954	13	N	1225.00	396327.70	6908711.76	1217.00	57236.86	99		0	57236.86
1124844	23/08/2016	202854	13	N	1237.50	396335.90	6908718.85	1215.00	57217.56	99		0	57217.56
1124844	23/08/2016	202702	13	N	1250.00	396343.69	6908729.48	1216.00	57294.15	99		0	57294.15
1124844	23/08/2016	202610	13	N	1262.50	396352.36	6908738.72	1216.00	57331.43	99		0	57331.43
1124844	23/08/2016	202522	13	N	1275.00	396362.98	6908747.91	1215.00	57255.46	99		0	57255.46
1124844	23/08/2016	202446	13	N	1287.50	396367.31	6908758.87	1216.00	57221.59	99		0	57221.59
1124844	23/08/2016	202358	13	N	1300.00	396371.83	6908770.00	1215.00	57200.42	99		0	57200.42
1124844	23/08/2016	202310	13	N	1312.50	396379.40	6908779.46	1217.00	57217.28	99		0	57217.28
1124844	23/08/2016	202234	13	N	1325.00	396386.76	6908789.95	1218.00	57253.36	99		0	57253.36
1124844	23/08/2016	202146	13	N	1337.50	396393.84	6908798.85	1218.00	57282.78	99		0	57282.78
1124844	23/08/2016	201938	13	N	1350.00	396402.95	6908809.42	1220.00	57232.42	69		0	57232.42
1124844	23/08/2016	201738	13	N	1362.50	396411.58	6908815.86	1221.00	57164.08	69		0	57164.08
1124844	23/08/2016	201634	13	N	1375.00	396412.82	6908828.08	1217.00	57219.68	99		0	57219.68
1124844	23/08/2016	201306	13	N	1387.50	396418.19	6908837.19	1211.00	57140.68	99		0	57140.68
1124844	23/08/2016	201158	13	N	1400.00	396423.84	6908844.73	1208.00	57204.09	99		0	57204.09
1124844	23/08/2016	201030	13	N	1412.50	396433.09	6908854.95	1204.00	57208.15	99		0	57208.15
1124844	23/08/2016	200850	13	N	1425.00	396442.34	6908861.49	1204.00	57175.97	99		0	57175.97
1124844	23/08/2016	200750	13	N	1437.50	396447.05	6908871.30	1199.00	57146.26	99		0	57146.26
1124844	23/08/2016	200626	13	N	1450.00	396453.32	6908880.49	1196.00	57165.54	99		0	57165.54
1124844	23/08/2016	200530	13	N	1462.50	396459.73	6908890.04	1193.00	57220.66	99		0	57220.66
1124844	23/08/2016	200446	13	N	1475.00	396465.52	6908899.78	1191.00	57233.91	99		0	57233.91
1124844	23/08/2016	200406	13	N	1487.50	396472.92	6908909.18	1188.00	57205.67	99		0	57205.67
1124844	23/08/2016	200330	13	N	1500.00	396479.31	6908920.88	1187.00	57211.89	99		0	57211.89
1124844	23/08/2016	200238	13	N	1512.50	396485.75	6908931.48	1186.00	57203.65	99		0	57203.65
1124844	23/08/2016	200118	13	N	1525.00	396493.69	6908940.29	1183.00	57284.25	99		0	57284.25
1124844	23/08/2016	200030	13	N	1537.50	396499.90	6908951.61	1181.00	57207.04	99		0	57207.04
1124844	23/08/2016	195950	13	N	1550.00	396506.90	6908961.49	1179.00	57171.38	99		0	57171.38
1124844	23/08/2016	195906	13	N	1562.50	396514.15	6908971.42	1176.00	57236.59	99		0	57236.59
1124844	23/08/2016	195826	13	N	1575.00	396521.44	6908980.30	1175.00	57156.11	69		0	57156.11
1124844	23/08/2016	195742	13	N	1587.50	396527.47	6908990.53	1174.00	57233.8	99		0	57233.80
1124844	23/08/2016	195658	13	N	1600.00	396535.95	6909000.91	1171.00	57241.05	99		0	57241.05
1124844	23/08/2016	195614	13	N	1612.50	396544.86	6909009.75	1170.00	57272.98	99		0	57272.98
1124844	23/08/2016	195534	13	N	1625.00	396549.37	6909020.45	1167.00	57212.81	99		0	57212.81
1124844	23/08/2016	195458	13	N	1637.50	396557.64	6909029.62	1165.00	57194.34	99		0	5

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042967	23/08/2016	213422	15	N	312.50	395983.64	6907889.84	1123.00	57416.16	49		0	57416.16
8042966	23/08/2016	213346	15	N	325.00	395990.65	6907898.81	1128.00	57353.15	69		0	57353.15
8042965	23/08/2016	213302	15	N	337.50	395997.23	6907908.58	1129.00	57350.6	59		0	57350.60
8042964	23/08/2016	213218	15	N	350.00	396006.49	6907920.93	1136.00	57218.98	79		0	57218.98
8042963	23/08/2016	213150	15	N	362.50	396012.56	6907930.27	1137.00	57243.39	99		0	57243.39
8042962	23/08/2016	213114	15	N	375.00	396017.15	6907939.25	1138.00	57301.71	49		0	57301.71
8042961	23/08/2016	213030	15	N	387.50	396023.64	6907946.58	1142.00	57195.72	49		0	57195.72
8042960	23/08/2016	212934	15	N	400.00	396030.71	6907959.53	1143.00	57164.82	39		0	57164.82
8042959	23/08/2016	212842	15	N	412.50	396038.65	6907971.61	1145.00	57257.01	59	Begins to travel off line to the east	0	57257.01
8042958	23/08/2016	212802	15	N	425.00	396047.58	6907978.45	1145.00	57300.28	79		0	57300.28
8042957	23/08/2016	212722	15	N	437.50	396059.36	6907985.31	1149.00	57344.51	39		0	57344.51
8042956	23/08/2016	212650	15	N	450.00	396067.41	6907991.05	1149.00	57353.3	79		0	57353.30
8042954	23/08/2016	212602	15	N	462.50	396077.45	6907997.56	1154.00	57333.54	29	Best Point	0	57333.54
8042955	23/08/2016	212618	15	N	462.50	396077.49	6907997.57	1153.00	57368.38	19		2	
8042953	23/08/2016	212518	15	N	475.00	396086.28	6908008.71	1156.00	57300.49	59		0	57300.49
8042952	23/08/2016	212434	15	N	487.50	396091.20	6908018.69	1158.00	57258.3	59		0	57258.30
8042951	23/08/2016	212358	15	N	500.00	396097.28	6908027.11	1159.00	57239.36	59		0	57239.36
8042950	23/08/2016	212322	15	N	512.50	396105.71	6908036.96	1163.00	57224.45	69		0	57224.45
8042949	23/08/2016	212242	15	N	525.00	396109.14	6908045.16	1162.00	57285.96	49		0	57285.96
8042948	23/08/2016	212158	15	N	537.50	396117.29	6908057.10	1165.00	57332.1	49		0	57332.10
8042947	23/08/2016	212114	15	N	550.00	396120.31	6908066.54	1163.00	57355.24	99		0	57355.24
8042946	23/08/2016	212002	15	N	562.50	396119.70	6908082.50	1164.00	57244.62	29		0	57244.62
8042945	23/08/2016	211846	15	N	575.00	396119.11	6908091.91	1165.00	57280.92	99	Back on line after traveling off line	0	57280.92
8042944	23/08/2016	211750	15	N	587.50	396130.32	6908105.11	1168.00	57484.12	39	bad data point	9	
8042943	23/08/2016	211718	15	N	600.00	396135.62	6908113.18	1168.00	57370.63	99		0	57370.63
8042942	23/08/2016	211638	15	N	612.50	396143.32	6908124.53	1168.00	57422.85	99		0	57422.85
8042941	23/08/2016	211610	15	N	625.00	396148.92	6908130.73	1168.00	57414.32	89		0	57414.32
8042940	23/08/2016	211510	15	N	637.50	396155.80	6908146.86	1172.00	57370.36	99		0	57370.36
8042939	23/08/2016	211438	15	N	650.00	396161.19	6908155.50	1172.00	57373.1	99		0	57373.10
8042938	23/08/2016	211338	15	N	662.50	396168.33	6908164.91	1173.00	57360.19	89		0	57360.19
8042937	23/08/2016	211306	15	N	675.00	396173.71	6908174.79	1172.00	57362.28	49		0	57362.28
8042936	23/08/2016	211222	15	N	687.50	396182.46	6908186.76	1173.00	57358.57	99		0	57358.57
8042935	23/08/2016	211134	15	N	700.00	396188.97	6908196.92	1174.00	57366.04	99		0	57366.04
8042933	23/08/2016	211030	15	N	712.50	396193.61	6908203.06	1175.00	57418.24	59	Better point	0	57418.24
8042934	23/08/2016	211046	15	N	712.50	396193.18	6908203.16	1175.00	57318.31	99		1	
8042932	23/08/2016	210742	15	N	725.00	396203.95	6908216.31	1176.00	57435.93	69		0	57435.93
8042931	23/08/2016	210654	15	N	737.50	396212.97	6908227.10	1178.00	57481.52	89		0	57481.52
8042930	23/08/2016	210618	15	N	750.00	396219.37	6908237.66	1179.00	57455.02	99		0	57455.02
8042929	23/08/2016	210526	15	N	762.50	396225.31	6908245.75	1178.00	57426.29	99		0	57426.29
8042928	23/08/2016	210446	15	N	775.00	396231.64	6908256.27	1177.00	57379.82	99		0	57379.82
8042927	23/08/2016	210406	15	N	787.50	396240.90	6908267.65	1178.00	57364.7	99		0	57364.70
8042926	23/08/2016	210326	15	N	800.00	396246.19	6908275.83	1178.00	57397.97	79		0	57397.97
8042925	23/08/2016	210238	15	N	812.50	396254.37	6908285.14	1178.00	57337.62	89		0	57337.62
8042924	23/08/2016	210158	15	N	825.00	396260.95	6908293.51	1179.00	57317.66	89		0	57317.66
8042923	23/08/2016	210114	15	N	837.50	396269.16	6908307.53	1177.00	57275.13	69		0	57275.13
8042922	23/08/2016	210038	15	N	850.00	396276.77	6908314.35	1178.00	57263.92	69		0	57263.92
8042921	23/08/2016	205930	15	N	862.50	396284.14	6908327.51	1179.00	57229.52	99		0	57229.52
8042920	23/08/2016	205830	15	N	875.00	396289.88	6908337.40	1180.00	57293.68	79		0	57293.68
8042919	23/08/2016	205750	15	N	887.50	396297.04	6908349.08	1182.00	57270.26	99		0	57270.26
8042918	23/08/2016	205714	15	N	900.00	396303.08	6908357.57	1183.00	57345.43	89		0	57345.43
8042917	23/08/2016	205622	15	N	912.50	396311.39	6908365.37	1184.00	57337.45	89		0	57337.45
8042916	23/08/2016	205534	15	N	925.00	396317.36	6908371.46	1185.00	57319.52	39	Possible bad point	9	
8042915	23/08/2016	205458	15	N	937.50	396322.51	6908381.20	1186.00	57140.68	89		0	57140.68
8042914	23/08/2016	205422	15	N	950.00	396331.83	6908394.85	1187.00	57296.41	89		0	57296.41
8042913	23/08/2016	205338	15	N	962.50	396339.72	6908406.80	1189.00	57124.42	69		0	57124.42
8042912	23/08/2016	205250	15	N	975.00	396346.18	6908417.51	1192.00	57229.33	99		0	57229.33
8042911	23/08/2016	204834	15	N	987.50	396357.83	6908434.33	1192.00	57288.32	99		0	57288.32
8042910	23/08/2016	204802	15	N	1000.00	396365.49	6908445.15	1194.00	57339.36	69		0	57339.36
8042909	23/08/2016	204710	15	N	1012.50	396375.22	6908458.76	1196.00	57285.33	99		0	57285.33
8042908	23/08/2016	204634	15	N	1025.00	396379.37	6908464.57	1197.00	57369.77	79		0	57369.77
8042907	23/08/2016	204458	15	N	1037.50	396385.16	6908472.41	1196.00	57392.84	59		0	57392.84
8042906	23/08/2016	204406	15	N	1050.00	396390.49	6908482.46	1197.00	57469.32	59		0	57469.32
8042905	23/08/2016	204314	15	N	1062.50	396399.65	6908494.24	1199.00	57400.6	69		0	57400.60
8042904	23/08/2016	204234	15	N	1075.00	396407.10	6908505.95	1200.00	57384.88	99		0	57384.88
8042902	23/08/2016	204042	15	N	1087.50	396411.66	6908513.28	1201.00	57453.39	39	Better point	0	57453.39
8042903	23/08/2016	204058	15	N	1087.50	396411.51	6908511.65	1202.00	57413.78	49		2	
8042901	23/08/2016	203950	15	N	1100.00	396419.20	6908524.35	1201.00	57473.77	69		0	57473.77
8042900	23/08/2016	203902	15	N	1112.50	396426.09	6908534.24	1202.00	57271.71	89		0	57271.71
8042899	23/08/2016	203822	15	N	1125.00	396434.09	6908547.21	1205.00	57305.98	99		0	57305.98
8042898	23/08/2016	203746	15	N	1137.50	396440.23	6908554.22	1205.00	57418.5	69		0	57418.50
8042897	23/08/2016	203638	15	N	1150.00	396447.62	6908565.71	1205.00	57378.82	99		0	57378.82
8042896	23/08/2016	203554	15	N	1162.50	396455.68	6908576.04	1207.00	57417.73	89		0	57417.73
8042895	23/08/2016	203514	15	N	1175.00	396462.06	6908584.41	1208.00	57442.02	69		0	57442.02
8042894	23/08/2016	203402	15	N	1187.50	396466.77	6908592.98	1208.00	57388.39	99		0	57388.39
8042893	23/08/2016	203322	15	N	1200.00	396473.96	6908603.79	1207.00	57370.37	59		0	57370.37
8042892	23/08/2016	203238	15	N	1212.50	396481.60	6908615.04	1208.00	57451.46	69		0	57451.46
8042891	23/08/2016	203202	15	N	1225.00	396487.98	6908624.34	1210.00	57436.08	99		0	57436.08
8042890	23/08/2016	203102	15	N	1237.50	396496.85	6908634.65	1211.00	57396.86	79		0	57396.86
8042889	23/08/2016	203026	15	N	1250.00	396500.53	6908643.51	1210.00	57502.84	99		0	57502.84
8042888	23/08/2016	202554	15	N	1262.50	396510.18	6908655.14	1208.00	57351.57	59		0	57351.57
8042887	23/08/2016	202506	15	N	1275.00	396515.79	6908664.39	1210.00	57293.63	69		0	57293.63
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Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	28/08/2016	191642	17	N	37.5	395996.93	6907562.04	1073	57103.97	99		0	57103.97
1124844	28/08/2016	191610	17	N	50	396005.74	6907571.3	1076	57074.13	99		0	57074.13
1124844	28/08/2016	191530	17	N	62.5	396013.97	6907578.82	1078	57095.4	99		0	57095.4
1124844	28/08/2016	191446	17	N	75	396017.67	6907590.88	1081	57101.17	99		0	57101.17
1124844	28/08/2016	191414	17	N	87.5	396025.76	6907600.94	1083	57085.15	99		0	57085.15
1124844	28/08/2016	191346	17	N	100	396031.69	6907610.06	1084	57102.93	99		0	57102.93
1124844	28/08/2016	191222	17	N	112.5	396040.89	6907621.21	1091	57128.64	99		0	57128.64
1124844	28/08/2016	191046	17	N	125	396049.96	6907624.64	1091	57118.56	99		0	57118.56
1124844	28/08/2016	190954	17	N	137.5	396056.39	6907635.86	1095	57143.83	99		0	57143.83
1124844	28/08/2016	190906	17	N	150	396062.59	6907644.44	1097	57134.5	99		0	57134.5
1124844	28/08/2016	190826	17	N	162.5	396068.63	6907654.82	1099	57208.76	99		0	57208.76
1124844	28/08/2016	190746	17	N	175	396076.34	6907665.63	1102	57202.74	99		0	57202.74
1124844	28/08/2016	190714	17	N	187.5	396084.25	6907675.37	1105	57178.23	99		0	57178.23
1124844	28/08/2016	190630	17	N	200	396089.31	6907688.19	1108	57175.08	99		0	57175.08
1124844	28/08/2016	190542	17	N	212.5	396098.79	6907696.94	1110	57233.18	99		0	57233.18
1124844	28/08/2016	190506	17	N	225	396104.97	6907705.79	1111	57269.54	99		0	57269.54
1124844	28/08/2016	190434	17	N	237.5	396110.06	6907717.23	1114	57290.44	99		0	57290.44
1124844	28/08/2016	190354	17	N	250	396114.1	6907730.96	1118	57287.81	99		0	57287.81
1124844	28/08/2016	190322	17	N	262.5	396122.96	6907738.29	1120	57266.49	99		0	57266.49
1124844	28/08/2016	190250	17	N	275	396132.35	6907747.37	1123	57250.67	99		0	57250.67
1124844	28/08/2016	190222	17	N	287.5	396141.55	6907754.43	1123	57193.37	99		0	57193.37
1124844	28/08/2016	190138	17	N	300	396150.25	6907760.71	1126	57130.87	99		0	57130.87
1124844	28/08/2016	190102	17	N	312.5	396156.23	6907770.92	1128	57217.5	99		0	57217.5
1124844	28/08/2016	189922	17	N	325	396161.51	6907783.87	1131	57167.83	99		0	57167.83
1124844	28/08/2016	189842	17	N	337.5	396167.85	6907792.32	1132	57184.55	99		0	57184.55
1124844	28/08/2016	189806	17	N	350	396176.54	6907801.39	1137	57131.87	99		0	57131.87
1124844	28/08/2016	189734	17	N	362.5	396181.63	6907810	1143	57131.54	99		0	57131.54
1124844	28/08/2016	189634	17	N	375	396189.73	6907819.98	1141	57130.01	99		0	57130.01
1124844	28/08/2016	189534	17	N	387.5	396193.1	6907832.12	1148	57174.72	99		0	57174.72
1124844	28/08/2016	189450	17	N	400	396197.55	6907844.68	1153	57163.14	99		0	57163.14
1124844	28/08/2016	189406	17	N	412.5	396204.7	6907850.69	1156	57160.02	99		0	57160.02
1124844	28/08/2016	189330	17	N	425	396211.74	6907861.4	1160	57221.2	99		0	57221.2
1124844	28/08/2016	189254	17	N	437.5	396220.81	6907869.88	1166	57214.4	99		0	57214.4
1124844	28/08/2016	189210	17	N	450	396226.01	6907878.6	1167	57233.74	99		0	57233.74
1124844	28/08/2016	189134	17	N	462.5	396232.63	6907889.8	1173	57212.88	99		0	57212.88
1124844	28/08/2016	189046	17	N	475	396240.7	6907899.5	1175	57237.66	99		0	57237.66
1124844	28/08/2016	189010	17	N	487.5	396248.85	6907909.1	1180	57245.09	99		0	57245.09
1124844	28/08/2016	188922	17	N	500	396254.33	6907916.49	1183	57199.6	99		0	57199.6
1124844	28/08/2016	188754	17	N	512.5	396260.21	6907927.69	1186	57162.82	99		0	57162.82
1124844	28/08/2016	188710	17	N	525	396267.47	6907937.7	1190	57273.52	99		0	57273.52
1124844	28/08/2016	188530	17	N	537.5	396273.58	6907949.04	1192	57271.35	99		0	57271.35
1124844	28/08/2016	188450	17	N	550	396281.47	6907960.03	1195	57164.99	99		0	57164.99
1124844	28/08/2016	188414	17	N	562.5	396289.04	6907966.35	1199	57140.67	99		0	57140.67
1124844	28/08/2016	1884054	17	N	575	396297.58	6907978.89	1200	57154.57	99		0	57154.57
1124844	28/08/2016	1884018	17	N	587.5	396303.67	6907989.38	1201	57262.05	99		0	57262.05
1124844	28/08/2016	1883942	17	N	600	396306.6	6908002.17	1203	57280.55	99		0	57280.55
1124844	28/08/2016	1883910	17	N	612.5	396315.38	6908011.09	1204	57247.05	99		0	57247.05
1124844	28/08/2016	1883838	17	N	625	396322.92	6908022.4	1205	57193.38	99		0	57193.38
1124844	28/08/2016	1883810	17	N	637.5	396331.55	6908030.16	1205	57219.58	99		0	57219.58
1124844	28/08/2016	1883738	17	N	650	396339.12	6908040.69	1206	57217.7	99		0	57217.7
1124844	28/08/2016	1883506	17	N	662.5	396347.47	6908047.25	1205	57198.11	99		0	57198.11
1124844	28/08/2016	1883410	17	N	675	396352.93	6908061.16	1205	57226.85	99		0	57226.85
1124844	28/08/2016	1883338	17	N	687.5	396361.77	6908072.25	1205	57209.2	99		0	57209.2
1124844	28/08/2016	1883254	17	N	700	396370.6	6908079.47	1205	57166.16	99		0	57166.16
1124844	28/08/2016	1883214	17	N	712.5	396376.48	6908091.16	1204	57187.87	99		0	57187.87
1124844	28/08/2016	1883118	17	N	725	396383.42	6908103.7	1204	57218.91	99		0	57218.91
1124844	28/08/2016	1883018	17	N	737.5	396389.5	6908114.52	1203	57172.95	99		0	57172.95
1124844	28/08/2016	1882946	17	N	750	396397.28	6908124.72	1203	57233.75	99		0	57233.75
1124844	28/08/2016	1882822	17	N	762.5	396405.53	6908134.83	1203	57250.04	99		0	57250.04
1124844	28/08/2016	1882746	17	N	775	396412.76	6908144.62	1202	57252.47	99		0	57252.47
1124844	28/08/2016	1882542	17	N	787.5	396419.61	6908156.96	1202	57193.4	99		0	57193.4
1124844	28/08/2016	1882502	17	N	800	396426.13	6908167.63	1202	57187.84	99		0	57187.84
1124844	28/08/2016	1882430	17	N	812.5	396434.55	6908178.75	1202	57201.44	99		0	57201.44
1124844	28/08/2016	1882358	17	N	825	396441.43	6908189.22	1202	57216.84	99		0	57216.84
1124844	28/08/2016	1882318	17	N	837.5	396449.94	6908200.26	1202	57184.2	99		0	57184.2
1124844	28/08/2016	1882238	17	N	850	396457.22	6908211.37	1202	57191.95	99		0	57191.95
1124844	28/08/2016	1882202	17	N	862.5	396464.67	6908221.22	1202	57200.54	99		0	57200.54
1124844	28/08/2016	1882014	17	N	875	396472.59	6908231.11	1202	57168.04	99		0	57168.04
1124844	28/08/2016	1881930	17	N	887.5	396482.19	6908239.41	1202	57183.29	99		0	57183.29
1124844	28/08/2016	1881854	17	N	900	396489.34	6908248.1	1202	57174.48	99		0	57174.48
1124844	28/08/2016	1881822	17	N	912.5	396496.91	6908260.19	1201	57152.22	99		0	57152.22
1124844	28/08/2016	1881742	17	N	925	396502.79	6908268.44	1200	57180.68	99		0	57180.68
1124844	28/08/2016	1881706	17	N	937.5	396512.01	6908281.13	1200	57171.85	99		0	57171.85
1124844	28/08/2016	1881618	17	N	950	396518.35	6908291.32	1200	57197.46	99		0	57197.46
1124844	28/08/2016	1881542	17	N	962.5	396523.97	6908302.52	1200	57198.74	99		0	57198.74
1124844	28/08/2016	1881454	17	N	975	396532.26	6908313.21	1199	57229.05	99		0	57229.05
1124844	28/08/2016	1881322	17	N	987.5	396538.56	6908322.16	1199	57247.17	99		0	57247.17
1124844	28/08/2016	1881250	17	N	1000	396545.53	6908332.26	1199	57213.27	99		0	57213.27
1124844	28/08/2016	1881218	17	N	1012.5	396553.9	6908343.46	1199	57209.02	99		0	57209.02
1124844	28/08/2016	1881146	17	N	1025	396560.36	6908353.44	1199	57219.42	99		0	57219.42
1124844	28/08/2016	1881106	17	N	1037.5	396568.43	6908364.59	1199	57199.6	99		0	57199.6
1124844	28/08/2016	1881034	17	N	1050	396575.26	6908373.6	1199	57207.69	99		0	57207.69
1124844	28/08/2016	1881002	17	N	1062.5	396581.93	6908384.32	1199	57211.67	99		0	57211.67
1124844	28/08/2016	1880906	17	N	1075	396590.92	6908395.23	1200	57224.52	99		0	

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	21/08/2016	225402	17	N	1675	396933.78	6908882.37	1197	57161.26	99		0	57161.26
1124844	21/08/2016	225318	17	N	1687.5	396942.11	6908890.59	1196	57141.77	99		0	57141.77
1124844	21/08/2016	225234	17	N	1700	396948.65	6908901.91	1196	57171.07	99		0	57171.07
1124844	21/08/2016	225154	17	N	1712.5	396956.95	6908910.36	1195	57177.71	99		0	57177.71
1124844	21/08/2016	225118	17	N	1725	396964.55	6908920.69	1194	57158.32	99		0	57158.32
1124844	21/08/2016	225026	17	N	1737.5	396972.35	6908930.77	1193	57177.22	99		0	57177.22
1124844	21/08/2016	224950	17	N	1750	396979.13	6908940.3	1192	57214.38	99		0	57214.38
1124844	21/08/2016	224902	17	N	1762.5	396985.36	6908950.67	1191	57227.24	99		0	57227.24
1124844	21/08/2016	224818	17	N	1775	396993.56	6908961.31	1190	57220.08	99		0	57220.08
1124844	21/08/2016	224714	17	N	1787.5	397001.22	6908971.96	1188	57225.72	99		0	57225.72
1124844	21/08/2016	224626	17	N	1800	397007.67	6908983.4	1186	57227	99		0	57227.00
1124844	21/08/2016	224538	17	N	1812.5	397016.12	6908990.44	1186	57216.49	99		0	57216.49
1124844	21/08/2016	224422	17	N	1825	397021.6	6909000.82	1185	57121.88	99		0	57121.88
1124844	21/08/2016	224146	17	N	1837.5	397028.39	6909010.72	1183	57274.53	99		0	57274.53
8042728	28/08/2016	192002	19	N	0	396128.68	6907405.3	1068	57102	99		0	57102.00
8042728	28/08/2016	192018	19	N	0	396128.63	6907405.66	1069	57096.17	99		1	
8042728	28/08/2016	192038	19	N	0	396128.4	6907405.97	1069	57102.29	79		1	
8042728	28/08/2016	191918	19	N	12.5	396139.21	6907414.83	1073	57042	99		0	57042.00
8042728	28/08/2016	191846	19	N	25	396146.16	6907423.42	1072	57127.57	99		0	57127.57
8042728	28/08/2016	191754	19	N	37.5	396153.74	6907433.81	1076	57098.45	49		1	
8042728	28/08/2016	191814	19	N	37.5	396152.7	6907433.93	1076	57091.6	99		0	57091.60
8042728	28/08/2016	191722	19	N	50	396159.39	6907443.17	1074	57050.35	99		0	57050.35
8042728	28/08/2016	191622	19	N	62.5	396164.49	6907457.04	1079	57145.2	39		2	
8042728	28/08/2016	191638	19	N	62.5	396164.57	6907455.13	1074	57085.35	97		0	57085.35
8042728	28/08/2016	191554	19	N	75	396170.15	6907466.53	1075	57133.34	99		0	57133.34
8042728	28/08/2016	191522	19	N	87.5	396178.19	6907473.5	1081	57118.08	59		0	57118.08
8042728	28/08/2016	191454	19	N	100	396186.16	6907483.87	1083	57044.97	79		0	57044.97
8042728	28/08/2016	191426	19	N	112.5	396194.49	6907491.4	1089	57058.52	99		0	57058.52
8042728	28/08/2016	191346	19	N	125	396202.52	6907500.29	1092	57069.93	89		0	57069.93
8042728	28/08/2016	191310	19	N	137.5	396209.12	6907510.75	1089	57115.61	99		0	57115.61
8042728	28/08/2016	191222	19	N	150	396214.95	6907521.3	1096	57127.98	99		0	57127.98
8042728	28/08/2016	191102	19	N	162.5	396221.92	6907532.19	1097	57091.18	99		0	57091.18
8042728	28/08/2016	191030	19	N	175	396228.27	6907540.42	1097	57104.3	99		0	57104.30
8042728	28/08/2016	190926	19	N	187.5	396233.63	6907554.12	1103	57084.68	79		2	
8042728	28/08/2016	190954	19	N	187.5	396234.61	6907552.5	1102	57120.94	99		0	57120.94
8042728	28/08/2016	190830	19	N	200	396242.94	6907562.04	1105	57116.76	69		0	57116.76
8042728	28/08/2016	190854	19	N	200	396243.28	6907561.51	1104	57141.92	99		2	
8042728	28/08/2016	190750	19	N	212.5	396252.35	6907568.91	1107	57108.03	99		0	57108.03
8042728	28/08/2016	190650	19	N	225	396260.51	6907576.53	1110	57134.07	99		0	57134.07
8042728	28/08/2016	190610	19	N	237.5	396268.28	6907582.88	1108	57113.21	89		0	57113.21
8042728	28/08/2016	190530	19	N	250	396277.79	6907600.14	1120	57144.78	99		0	57144.78
8042728	28/08/2016	190454	19	N	262.5	396281.45	6907607.12	1118	57172.8	99	Location close to next station, GPS issue?	0	57172.80
8042728	28/08/2016	190310	19	N	275	396287.14	6907615.51	1117	57219.15	69		2	
8042728	28/08/2016	190330	19	N	275	396286.34	6907612.2	1113	57232.13	89		2	
8042728	28/08/2016	190414	19	N	275	396287.32	6907613.55	1119	57218.31	99	best data fit	0	57218.31
8042728	28/08/2016	190222	19	N	287.5	396295.15	6907628.75	1123	57170.6	99		0	57170.60
8042728	28/08/2016	190138	19	N	300	396301.7	6907640.39	1128	57165.56	99		0	57165.56
8042728	28/08/2016	190058	19	N	312.5	396308.35	6907646.67	1125	57196.06	89		0	57196.06
8042728	28/08/2016	185958	19	N	325	396316.76	6907655.44	1127	57196.98	99		0	57196.98
8042728	28/08/2016	185906	19	N	337.5	396321.58	6907663.53	1130	57236.3	99		0	57236.30
8042728	28/08/2016	185834	19	N	350	396327.86	6907677.96	1136	57178.15	99		0	57178.15
8042728	28/08/2016	185546	19	N	362.5	396343.73	6907687.78	1143	57192.57	99	Taken to avoid cluster of trees	0	57192.57
8042728	28/08/2016	185758	19	N	362.5	396335.08	6907692.45	1142	57234.01	99		0	57234.01
8042728	28/08/2016	185622	19	N	375	396341.31	6907701.35	1143	57186.14	99		0	57186.14
8042728	28/08/2016	185658	19	N	375	396341.92	6907696.36	1139	57170.16	99		2	
8042728	28/08/2016	185506	19	N	387.5	396353.37	6907699.74	1143	57183.25	99		0	57183.25
8042728	28/08/2016	185430	19	N	400	396359.54	6907714	1148	57219.5	99		0	57219.50
8042728	28/08/2016	185358	19	N	412.5	396361.04	6907729.05	1149	57242.17	99		0	57242.17
8042728	28/08/2016	185326	19	N	425	396364.56	6907737.29	1157	57162.08	89		0	57162.08
8042728	28/08/2016	185238	19	N	437.5	396371.64	6907746.09	1156	57185.67	99	Above Historic Adit & Tailings	0	57185.67
8042728	28/08/2016	185118	19	N	450	396377.38	6907753.39	1158	57180.24	99	Above Historic Adit & Tailings	0	57180.24
8042728	28/08/2016	185042	19	N	462.5	396383.32	6907764.48	1162	57257.18	99	Above Historic Adit & Tailings	0	57257.18
8042728	28/08/2016	184926	19	N	475	396389.73	6907774.14	1169	57322.46	99	Above Historic Adit & Tailings	0	57322.46
8042728	28/08/2016	184730	19	N	487.5	396394.84	6907783.26	1178	57355.3	49	Above Historic Adit & Tailings	0	57355.30
8042728	28/08/2016	184754	19	N	487.5	396395.49	6907783.5	1177	57271.88	99	Above Historic Adit & Tailings	2	
8042728	28/08/2016	184502	19	N	500	396404.07	6907790.36	1180	57261.17	99	Above Historic Adit & Tailings	0	57261.17
8042728	28/08/2016	184418	19	N	512.5	396411.25	6907802.9	1181	57280.34	69	bad data point	9	
8042728	28/08/2016	184434	19	N	512.5	396411.3	6907803.02	1181	57219	99		0	57219.00
8042728	28/08/2016	184138	19	N	525	396418.18	6907810.13	1186	57194.46	99		0	57194.46
8042728	28/08/2016	184054	19	N	537.5	396427.66	6907819.8	1192	57234.94	89		0	57234.94
8042728	28/08/2016	184002	19	N	550	396434.04	6907828.09	1198	57227.67	99		0	57227.67
8042728	28/08/2016	183922	19	N	562.5	396439.69	6907837.66	1199	57245.96	99		0	57245.96
8042728	28/08/2016	183850	19	N	575	396446.13	6907848.31	1203	57204.95	79	Above Historic Trench	0	57204.95
8042728	28/08/2016	183758	19	N	587.5	396452.85	6907856.95	1209	57152.26	99	Above Historic Trench	0	57152.26
8042728	28/08/2016	183702	19	N	600	396458.22	6907866.22	1210	57151.24	99	Above Historic Trench	0	57151.24
8042728	28/08/2016	183542	19	N	612.5	396466.07	6907877.63	1211	57198.51	89	Above Historic Trench	0	57198.51
8042728	28/08/2016	183502	19	N	625	396473.7	6907889.03	1215	57139.55	99	Above Historic Trench	0	57139.55
8042728	28/08/2016	183430	19	N	637.5	396480.33	6907897.62	1216	57151.38	99		0	57151.38
8042728	28/08/2016	183350	19	N	650	396487.74	6907906.19	1217	57154.45	99		0	57154.45
8042728	28/08/2016	183254	19	N	662.5	396495.87	6907916.05	1220	57165.54	99		0	57165.54
8042728	28/08/2016	183222	19	N	675	396501.96	6907925.26	1220	57159.96	89		0	57159.96
8042728	28/08/2016	183142	19	N	687.5	396510.27	6907937.48	1221	57183.17	69		0	57183.17
8042728	28/08/2016	183110	19	N	700	396516.62	6907946.81	1221	57156.59	99		0	57156.59
8042728	28/08/2016	183030	19	N	712.5	396523.89	6907958.18	1225	57149.25	99		0	57149.25
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Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	21/08/2016	232738	19	N	1300.00	396863.32	6908421.88	1215.00	57003.7	99		0	57003.70
8042728	21/08/2016	232806	19	N	1300.00	396863.39	6908421.89	1215.00	56969.88	89		2	
8042728	21/08/2016	232822	19	N	1300.00	396863.43	6908421.78	1215.00	56990.05	99		2	
8042728	28/08/2016	174759	19	N	1300	396865.39	6908422.81	1217	57159.78	99		0	57159.78
8042728	28/08/2016	174818	19	N	1300	396865.36	6908422.84	1218	57158.24	99		1	
8042728	21/08/2016	232622	19	N	1312.50	396871.06	6908430.03	1216.00	57003.06	99		0	57003.06
8042728	21/08/2016	232646	19	N	1312.50	396870.93	6908429.89	1215.00	56991.17	79		2	
8042728	21/08/2016	232522	19	N	1325.00	396877.94	6908439.30	1216.00	56976.42	99		0	56976.42
8042728	21/08/2016	232422	19	N	1337.50	396886.13	6908449.72	1216.00	56996.35	99		0	56996.35
8042728	21/08/2016	232318	19	N	1350.00	396890.05	6908457.58	1217.00	57102.14	69		0	57102.14
8042728	21/08/2016	232210	19	N	1362.50	396896.81	6908467.69	1217.00	57046.23	99		0	57046.23
8042728	21/08/2016	232046	19	N	1375.00	396906.13	6908480.21	1217.00	57228.79	99		0	57228.79
8042728	21/08/2016	231954	19	N	1387.50	396912.55	6908490.09	1218.00	57197.76	99		0	57197.76
8042728	21/08/2016	231858	19	N	1400.00	396919.64	6908501.76	1218.00	57027.74	59		0	57027.74
8042728	21/08/2016	231750	19	N	1412.50	396925.46	6908510.19	1219.00	57089.77	99		0	57089.77
8042728	21/08/2016	231654	19	N	1425.00	396933.66	6908522.10	1219.00	57058.61	99		0	57058.61
8042728	21/08/2016	231614	19	N	1437.50	396940.54	6908532.87	1219.00	57052.06	99		0	57052.06
8042728	21/08/2016	231358	19	N	1450.00	396946.47	6908542.65	1219.00	57072.85	99		0	57072.85
8042728	21/08/2016	231234	19	N	1462.50	396951.95	6908551.07	1220.00	57110.1	99		0	57110.10
8042728	21/08/2016	231306	19	N	1462.50	396951.83	6908551.19	1220.00	57111.54	99		1	
8042728	21/08/2016	231150	19	N	1475.00	396958.83	6908563.13	1220.00	57124.55	99		0	57124.55
8042728	21/08/2016	231058	19	N	1487.50	396966.12	6908574.40	1221.00	57199.59	99		0	57199.59
8042728	21/08/2016	231018	19	N	1500.00	396969.91	6908582.35	1222.00	57074.12	49		0	57074.12
8042728	21/08/2016	230938	19	N	1512.50	396977.00	6908591.13	1222.00	57070.21	99		0	57070.21
8042728	21/08/2016	230846	19	N	1525.00	396985.01	6908601.55	1223.00	57092.15	99		0	57092.15
8042728	21/08/2016	230730	19	N	1537.50	396993.01	6908613.44	1224.00	57108.8	99		0	57108.80
8042728	21/08/2016	230750	19	N	1537.50	396993.13	6908613.50	1224.00	57107.15	99		1	
8042728	21/08/2016	230646	19	N	1550.00	396999.82	6908623.66	1224.00	57136.65	99		0	57136.65
8042728	21/08/2016	230610	19	N	1562.50	397005.41	6908631.30	1224.00	57171.23	99		0	57171.23
8042728	21/08/2016	230458	19	N	1575.00	397015.96	6908646.53	1225.00	57020.5	67		0	57020.50
8042728	21/08/2016	230406	19	N	1587.50	397020.39	6908657.98	1225.00	57097.09	99		0	57097.09
8042728	21/08/2016	230306	19	N	1600.00	397026.61	6908667.14	1225.00	56965.1	79		0	56965.10
8042728	21/08/2016	230154	19	N	1612.50	397033.10	6908676.00	1226.00	57045.26	99		0	57045.26
8042728	21/08/2016	230102	19	N	1625.00	397041.11	6908686.79	1226.00	57060.55	99		0	57060.55
8042728	21/08/2016	230010	19	N	1637.50	397049.19	6908696.51	1226.00	57082.46	99		0	57082.46
8042728	21/08/2016	225910	19	N	1650.00	397056.85	6908705.73	1226.00	57051.69	99		0	57051.69
8042728	21/08/2016	225742	19	N	1662.50	397064.03	6908714.71	1226.00	57076.41	99		0	57076.41
8042728	21/08/2016	225654	19	N	1675.00	397070.84	6908725.20	1227.00	57041.71	99		0	57041.71
8042728	21/08/2016	225606	19	N	1687.50	397074.74	6908733.68	1227.00	56968.32	59		0	56968.32
8042728	21/08/2016	225518	19	N	1700.00	397084.02	6908747.29	1228.00	57066.93	99		0	57066.93
8042728	21/08/2016	225434	19	N	1712.50	397090.63	6908757.64	1229.00	57083.86	99		0	57083.86
8042728	21/08/2016	225150	19	N	1725.00	397098.88	6908768.30	1230.00	57107.05	99		0	57107.05
8042728	21/08/2016	225030	19	N	1737.50	397107.02	6908779.44	1232.00	57079.35	99		0	57079.35
8042728	21/08/2016	224906	19	N	1750.00	397114.19	6908788.06	1232.00	57105.05	99		0	57105.05
8042728	21/08/2016	224814	19	N	1762.50	397122.07	6908797.48	1232.00	57104.66	99		0	57104.66
8042728	21/08/2016	224702	19	N	1775.00	397131.03	6908807.47	1233.00	57115.59	99		0	57115.59
8042728	21/08/2016	224554	19	N	1787.50	397140.09	6908818.08	1232.00	57115.73	99		0	57115.73
8042728	21/08/2016	224430	19	N	1800.00	397150.12	6908832.50	1227.00	57139.34	99		0	57139.34
8042728	21/08/2016	224146	19	N	1812.50	397155.96	6908840.56	1223.00	57161.15	99		0	57161.15
8042728	21/08/2016	224046	19	N	1825.00	397164.35	6908850.15	1219.00	57118.23	99		0	57118.23
8042728	21/08/2016	223958	19	N	1837.50	397170.95	6908859.26	1218.00	57156.74	99		0	57156.74
8042728	21/08/2016	223910	19	N	1850.00	397178.27	6908869.66	1216.00	57126.59	99		0	57126.59
8042728	21/08/2016	223706	19	N	1862.50	397185.28	6908879.33	1213.00	57123.09	99		0	57123.09
8042728	21/08/2016	223510	19	N	1875.00	397192.62	6908889.65	1208.00	57105.68	99		0	57105.68
8042728	21/08/2016	223526	19	N	1875.00	397192.74	6908889.61	1208.00	57112.54	99		1	
8042728	21/08/2016	184630	21	N	0	396335.46	6907296.59	1077	57108.22	99		2	
8042728	21/08/2016	184814	21	N	0	396335.34	6907296.29	1077	57127.74	79		2	
8042728	21/08/2016	184834	21	N	0	396335.24	6907296.37	1077	57122.53	99		1	
8042728	21/08/2016	184854	21	N	0	396338.71	6907297.59	1074	57291.86	7	Bad Point	9	
8042728	21/08/2016	185558	21	N	0	396338.01	6907299.13	1075	57090.38	99		1	
8042728	21/08/2016	185642	21	N	0	396337.73	6907299.57	1077	57092.39	99	True Station 0	0	57092.39
8042728	21/08/2016	185742	21	N	12.5	396342.32	6907307.06	1077	57041.62	99		0	57041.62
8042728	21/08/2016	185858	21	N	25	396350.4	6907317.94	1078	57044.05	99		0	57044.05
8042728	21/08/2016	185954	21	N	37.5	396357.06	6907325.74	1079	57162.03	69		0	57162.03
8042728	21/08/2016	190106	21	N	50	396363.72	6907336.05	1081	57145.86	99		0	57145.86
8042728	21/08/2016	190222	21	N	62.5	396372.07	6907346.36	1082	57089.91	99		0	57089.91
8042728	21/08/2016	190322	21	N	75	396378.51	6907355.25	1084	57111.94	99		0	57111.94
8042728	21/08/2016	190450	21	N	75	396379.51	6907355.71	1083	57124.7	99		2	
8042728	21/08/2016	190534	21	N	87.5	396385.08	6907363.78	1084	57129.76	99		0	57129.76
8042728	21/08/2016	190638	21	N	100	396392.41	6907373.22	1087	57124.05	99		0	57124.05
8042728	21/08/2016	190754	21	N	112.5	396401.27	6907384.98	1088	57124.48	99		0	57124.48
8042728	21/08/2016	190906	21	N	125	396407.62	6907393.96	1090	57052.39	99		0	57052.39
8042728	21/08/2016	191054	21	N	137.5	396412.09	6907405.55	1092	57071.11	99		0	57071.11
8042728	21/08/2016	191146	21	N	150	396418.85	6907418.21	1096	57039.8	99		0	57039.80
8042728	21/08/2016	191250	21	N	162.5	396427.57	6907427.34	1099	57040.25	99		0	57040.25
8042728	21/08/2016	191358	21	N	175	396436.17	6907433.36	1098	57014.85	99		0	57014.85
8042728	21/08/2016	191426	21	N	175	396434.32	6907431.17	1100	57019.43	99		1	
8042728	21/08/2016	191534	21	N	187.5	396441.69	6907441.06	1100	57084.85	99		0	57084.85
8042728	21/08/2016	191710	21	N	200	396451.72	6907450.86	1106	57035.54	99		0	57035.54
8042728	21/08/2016	191950	21	N	212.5	396459.24	6907461.22	1109	57038.41	99		0	57038.41
8042728	21/08/2016	192050	21	N	225	396465.95	6907470	1109	57185.41	69		0	57185.41
8042728	21/08/2016	192150	21	N	237.5	396473.16	6907479.65	1118	57095.77	99		0	57095.77
8042728	21/08/2016	192414	21	N	250	396472.14	6907492.75	1123	57076.57	8			

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	21/08/2016	202234	21	N	875.00	396823.35	6907998.19	1237.00	57272.62	79		0	57272.62
8042728	21/08/2016	202322	21	N	887.50	396829.71	6908008.40	1236.00	57210.81	99		0	57210.81
8042728	21/08/2016	202354	21	N	900.00	396836.50	6908018.05	1233.00	57204.14	99		0	57204.14
8042728	21/08/2016	202430	21	N	912.50	396843.66	6908028.07	1231.00	57079.36	99		0	57079.36
8042728	21/08/2016	202506	21	N	925.00	396850.82	6908040.08	1231.00	57070.01	89		0	57070.01
8042728	21/08/2016	202538	21	N	937.50	396856.67	6908049.93	1230.00	57134.3	79		0	57134.30
8042728	21/08/2016	202614	21	N	950.00	396864.54	6908060.23	1229.00	57184.68	89		0	57184.68
8042728	21/08/2016	202710	21	N	962.50	396870.91	6908072.20	1227.00	57090.67	99		0	57090.67
8042728	21/08/2016	202750	21	N	975.00	396878.66	6908082.69	1226.00	57016.25	79		0	57016.25
8042728	21/08/2016	202910	21	N	987.50	396885.50	6908092.18	1224.00	57092.45	79		0	57092.45
8042728	21/08/2016	202954	21	N	1000.00	396896.81	6908106.64	1223.00	57027.28	69		0	57027.28
8042728	21/08/2016	203022	21	N	1012.50	396900.75	6908110.80	1222.00	57007.29	99		0	57007.29
8042728	21/08/2016	203114	21	N	1025.00	396909.13	6908122.43	1222.00	57040.49	99		0	57040.49
8042728	21/08/2016	203158	21	N	1037.50	396915.53	6908130.77	1221.00	57050.64	99		0	57050.64
8042728	21/08/2016	203242	21	N	1050.00	396922.85	6908140.68	1220.00	57057.19	99		0	57057.19
8042728	21/08/2016	203314	21	N	1062.50	396929.21	6908150.13	1219.00	57098.61	99		0	57098.61
8042728	21/08/2016	203410	21	N	1075.00	396936.07	6908161.12	1219.00	57074.31	99		0	57074.31
8042728	21/08/2016	203454	21	N	1087.50	396943.73	6908174.65	1220.00	57139.2	49		0	57139.20
8042728	21/08/2016	203558	21	N	1100.00	396952.07	6908183.40	1219.00	57121.48	99		0	57121.48
8042728	21/08/2016	203650	21	N	1112.50	396958.21	6908191.18	1219.00	57249.82	79		0	57249.82
8042728	21/08/2016	203734	21	N	1125.00	396965.50	6908202.24	1218.00	57182.84	99		0	57182.84
8042728	21/08/2016	203806	21	N	1137.50	396972.98	6908211.52	1220.00	57151.26	99		0	57151.26
8042728	21/08/2016	203906	21	N	1150.00	396983.13	6908225.54	1220.00	57149.31	69		0	57149.31
8042728	21/08/2016	203946	21	N	1162.50	396989.29	6908232.55	1219.00	57053.67	99		0	57053.67
8042728	21/08/2016	204018	21	N	1175.00	396995.07	6908240.87	1219.00	57068.78	99		0	57068.78
8042728	21/08/2016	204058	21	N	1187.50	397001.40	6908249.89	1219.00	57077.88	99		0	57077.88
8042728	21/08/2016	204158	21	N	1200.00	397009.98	6908261.17	1219.00	57137.97	69		0	57137.97
8042728	21/08/2016	204230	21	N	1212.50	397017.93	6908272.31	1219.00	57163	59		0	57163.00
8042728	21/08/2016	204306	21	N	1225.00	397025.29	6908280.92	1219.00	57194.26	89		0	57194.26
8042728	21/08/2016	204346	21	N	1237.50	397033.13	6908290.74	1219.00	57350.05	59		0	57350.05
8042728	21/08/2016	204426	21	N	1250.00	397038.03	6908300.64	1219.00	57086.63	59		0	57086.63
8042728	21/08/2016	204522	21	N	1262.50	397046.25	6908310.25	1219.00	57111.46	99		0	57111.46
8042728	21/08/2016	204606	21	N	1275.00	397052.49	6908319.60	1220.00	57066.03	89		0	57066.03
8042728	21/08/2016	204650	21	N	1287.50	397059.54	6908329.01	1221.00	57083.26	99		0	57083.26
8042728	21/08/2016	204734	21	N	1300.00	397067.41	6908342.37	1222.00	57102.83	79		0	57102.83
8042728	21/08/2016	204750	21	N	1300.00	397067.49	6908342.35	1222.00	57074.22	59		0	57074.22
8042728	21/08/2016	204830	21	N	1312.50	397074.69	6908352.09	1223.00	57145.15	99		0	57145.15
8042728	21/08/2016	204910	21	N	1325.00	397080.19	6908360.10	1223.00	57274.4	99		0	57274.40
8042728	21/08/2016	204954	21	N	1337.50	397087.72	6908369.89	1224.00	57109.88	99		0	57109.88
8042728	21/08/2016	205038	21	N	1350.00	397093.48	6908379.05	1225.00	57227.93	79		0	57227.93
8042728	21/08/2016	205114	21	N	1362.50	397100.78	6908388.97	1225.00	57231.01	99		0	57231.01
8042728	21/08/2016	205206	21	N	1375.00	397108.46	6908399.73	1227.00	57141.53	99		0	57141.53
8042728	21/08/2016	205254	21	N	1387.50	397116.73	6908409.41	1227.00	57180.74	89		0	57180.74
8042728	21/08/2016	205342	21	N	1400.00	397123.87	6908418.91	1228.00	57159.49	89		0	57159.49
8042728	21/08/2016	205442	21	N	1412.50	397131.40	6908428.68	1229.00	57155.15	99		0	57155.15
8042728	21/08/2016	205814	21	N	1425.00	397139.21	6908439.35	1231.00	57291.75	99		0	57291.75
8042728	21/08/2016	205854	21	N	1437.50	397146.08	6908448.96	1232.00	57245.82	99		0	57245.82
8042728	21/08/2016	205942	21	N	1450.00	397152.06	6908457.88	1233.00	57060.97	99		0	57060.97
8042728	21/08/2016	210058	21	N	1462.50	397157.22	6908468.88	1234.00	57032.01	99		0	57032.01
8042728	21/08/2016	210146	21	N	1475.00	397163.83	6908480.18	1235.00	57118.8	99		0	57118.80
8042728	21/08/2016	210234	21	N	1487.50	397170.01	6908488.96	1236.00	57212.07	69		0	57212.07
8042728	21/08/2016	210350	21	N	1500.00	397178.19	6908500.28	1237.00	57207.35	99		0	57207.35
8042728	21/08/2016	210438	21	N	1512.50	397185.70	6908509.93	1239.00	57151.66	99		0	57151.66
8042728	21/08/2016	210526	21	N	1525.00	397192.73	6908520.65	1240.00	57086.2	99		0	57086.20
8042728	21/08/2016	210610	21	N	1537.50	397198.99	6908530.98	1242.00	57088.19	99		0	57088.19
8042728	21/08/2016	210702	21	N	1550.00	397205.43	6908542.02	1244.00	57042.57	59		0	57042.57
8042728	21/08/2016	210746	21	N	1562.50	397210.80	6908550.78	1247.00	57030.89	99		0	57030.89
8042728	21/08/2016	210830	21	N	1575.00	397218.97	6908561.49	1249.00	57016.85	99		0	57016.85
8042728	21/08/2016	210906	21	N	1587.50	397225.07	6908570.93	1251.00	56961.94	79		0	56961.94
8042728	21/08/2016	211006	21	N	1600.00	397233.66	6908580.22	1256.00	56963.99	69		0	56963.99
8042728	21/08/2016	211130	21	N	1612.50	397240.05	6908588.96	1260.00	57062.58	99		0	57062.58
8042728	21/08/2016	211310	21	N	1625.00	397242.41	6908601.86	1262.00	57041.58	99		0	57041.58
8042728	21/08/2016	212526	21	N	1637.50	397247.70	6908612.60	1263.00	57245.37	59		0	57245.37
8042728	21/08/2016	212650	21	N	1650.00	397255.78	6908626.38	1260.00	57125.19	99		0	57125.19
8042728	21/08/2016	212742	21	N	1662.50	397261.15	6908635.17	1255.00	57151.31	49		0	57151.31
8042728	21/08/2016	212814	21	N	1675.00	397265.40	6908641.72	1252.00	57100.84	89		0	57100.84
8042728	21/08/2016	212846	21	N	1687.50	397271.57	6908651.98	1250.00	57182.2	79		0	57182.20
8042728	21/08/2016	212922	21	N	1700.00	397277.55	6908662.97	1247.00	57117.35	59		0	57117.35
8042728	21/08/2016	213002	21	N	1712.50	397283.51	6908672.46	1245.00	57186.85	49		0	57186.85
8042728	21/08/2016	213126	21	N	1725.00	397292.20	6908684.79	1241.00	57046.28	99		0	57046.28
8042728	21/08/2016	213214	21	N	1737.50	397296.84	6908694.60	1239.00	57092.97	99		0	57092.97
8042728	21/08/2016	213302	21	N	1750.00	397304.21	6908703.62	1238.00	57097.55	79		0	57097.55
8042728	21/08/2016	213434	21	N	1762.50	397318.50	6908716.54	1236.00	57028.51	29	Possible Bad GPS, Large Gap between previous station	0	57028.51
8042728	21/08/2016	213510	21	N	1775.00	397322.98	6908723.95	1235.00	57116.06	99		0	57116.06
8042728	21/08/2016	213550	21	N	1787.50	397328.83	6908731.26	1235.00	57230.19	49		0	57230.19
8042728	21/08/2016	213650	21	N	1800.00	397334.91	6908742.15	1233.00	57144.77	99		0	57144.77
8042728	21/08/2016	213738	21	N	1812.50	397341.49	6908753.38	1231.00	57141.81	69		0	57141.81
8042728	21/08/2016	213830	21	N	1825.00	397346.62	6908762.94	1229.00	57144.33	79		0	57144.33
8042728	21/08/2016	214010	21	N	1837.50	397354.68	6908772.47	1227.00	57187.33	79		0	57187.33
8042728	21/08/2016	214122	21	N	1850.00	397361.98	6908783.48	1226.00	57100.79	89		0	57100.79
1124844	21/08/2016	174918	23	N	0	396453.22	6907125.07	110					

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	21/08/2016	191146	23	N	675	396820.17	6907653.35	1167	57144.59	99		0	57144.59
1124844	21/08/2016	191254	23	N	687.5	396823.87	6907663.31	1171	57216.76	99		0	57216.76
1124844	21/08/2016	191354	23	N	700	396829.51	6907672.09	1173	57271.28	99		0	57271.28
1124844	21/08/2016	191454	23	N	712.5	396836.17	6907683.41	1177	57312.28	99		0	57312.28
1124844	21/08/2016	191546	23	N	725	396842.91	6907693.93	1182	57263.18	99		0	57263.18
1124844	21/08/2016	191638	23	N	737.5	396843.72	6907703.47	1186	57271.75	99		0	57271.75
1124844	21/08/2016	192134	23	N	750	396857.22	6907712.91	1191	57193.94	99		0	57193.94
1124844	21/08/2016	192410	23	N	762.5	396862.82	6907719.64	1191	57231.99	99		0	57231.99
1124844	21/08/2016	192514	23	N	775	396870.28	6907726.81	1192	57231.65	99		0	57231.65
1124844	21/08/2016	192558	23	N	787.5	396878.89	6907737.81	1196	57306.98	99		0	57306.98
1124844	21/08/2016	192714	23	N	800	396885.65	6907751.25	1200	57366.92	99		0	57366.92
1124844	21/08/2016	192818	23	N	812.5	396892.75	6907762.47	1205	57301.63	99		0	57301.63
1124844	21/08/2016	192938	23	N	825	396899.23	6907766.89	1205	57215.12	99		0	57215.12
1124844	21/08/2016	193038	23	N	837.5	396905.54	6907779.85	1208	57270.96	99		0	57270.96
1124844	21/08/2016	193138	23	N	850	396912.59	6907787.99	1208	57214.54	99		0	57214.54
1124844	21/08/2016	193234	23	N	862.5	396920.35	6907799.09	1209	57326.14	99		0	57326.14
1124844	21/08/2016	193318	23	N	875	396924.91	6907809.84	1209	57287.73	99		0	57287.73
1124844	21/08/2016	194654	23	N	875	396925.27	6907810.14	1214	57291.88	99	Mistake Point Closest to 875	0	57291.88
1124844	21/08/2016	195858	23	N	887.5	396931.3	6907819.08	1211	57287.92	99	Actually 887.5	0	57287.92
1124844	21/08/2016	200230	23	N	900	396939.66	6907829.16	1210	57219.38	99		2	
1124844	21/08/2016	200310	23	N	912.5	396948.55	6907836.36	1211	57233.67	99		0	57233.67
1124844	21/08/2016	200358	23	N	925	396955.62	6907846.31	1212	57234.32	99		0	57234.32
1124844	21/08/2016	200438	23	N	937.5	396962.23	6907856.54	1211	57267.83	99		0	57267.83
1124844	21/08/2016	200522	23	N	950	396969.92	6907866.47	1211	57104.28	99		0	57104.28
1124844	21/08/2016	200618	23	N	962.5	396976.28	6907877.15	1211	57085.9	99		0	57085.90
1124844	21/08/2016	200658	23	N	975	396983.5	6907886.49	1210	57183.69	99		0	57183.69
1124844	21/08/2016	200810	23	N	987.5	396991.16	6907896.77	1207	57129.82	99		0	57129.82
1124844	21/08/2016	201042	23	N	1000	397000.73	6907908.75	1208	57247.72	99		0	57247.72
1124844	21/08/2016	201206	23	N	1012.5	397006.45	6907918.88	1208	57204.48	99		0	57204.48
1124844	21/08/2016	201310	23	N	1025	397013.77	6907929.55	1208	57075.13	99		0	57075.13
1124844	21/08/2016	201438	23	N	1037.5	397025.16	6907939.11	1207	56945.55	99		0	56945.55
1124844	21/08/2016	201638	23	N	1050	397030.47	6907953.25	1208	57020.76	99		0	57020.76
1124844	21/08/2016	201754	23	N	1062.5	397038.14	6907963.43	1208	57048.52	99		0	57048.52
1124844	21/08/2016	201834	23	N	1075	397046.15	6907972.84	1208	57040.56	99		0	57040.56
1124844	21/08/2016	201918	23	N	1087.5	397051.84	6907983.21	1208	57108.83	99		0	57108.83
1124844	21/08/2016	201954	23	N	1100	397060.15	6907992.62	1206	57013.59	99		0	57013.59
1124844	21/08/2016	202046	23	N	1112.5	397065.85	6908003.19	1205	57003.99	99		0	57003.99
1124844	21/08/2016	202130	23	N	1125	397072.33	6908015.07	1205	57042.48	99		0	57042.48
1124844	21/08/2016	202402	23	N	1137.5	397079.59	6908023.39	1205	57090.94	99		0	57090.94
1124844	21/08/2016	202442	23	N	1150	397086.58	6908033.47	1205	57120.27	99		0	57120.27
1124844	21/08/2016	202526	23	N	1162.5	397093.81	6908044.03	1203	57100.97	99		0	57100.97
1124844	21/08/2016	202614	23	N	1175	397101.27	6908053.07	1203	57124.9	99		0	57124.90
1124844	21/08/2016	202658	23	N	1187.5	397109.12	6908065.57	1203	57159.87	99		0	57159.87
1124844	21/08/2016	202742	23	N	1200	397115.59	6908074.08	1201	57080.24	99		0	57080.24
1124844	21/08/2016	202910	23	N	1212.5	397119.26	6908086.19	1202	57059.96	99		0	57059.96
1124844	21/08/2016	203114	23	N	1225	397126.72	6908097.11	1202	57074.36	99		0	57074.36
1124844	21/08/2016	203234	23	N	1237.5	397134.39	6908105.84	1202	57227.94	99		0	57227.94
1124844	21/08/2016	203338	23	N	1250	397139.51	6908117.5	1201	57359.18	99		0	57359.18
1124844	21/08/2016	203738	23	N	1262.5	397146.34	6908128.59	1201	57281.41	99		0	57281.41
1124844	21/08/2016	203838	23	N	1275	397153.81	6908138.22	1200	57093.28	99		0	57093.28
1124844	21/08/2016	203922	23	N	1287.5	397162.17	6908146.63	1200	57111.8	99		0	57111.80
1124844	21/08/2016	204006	23	N	1300	397168.18	6908157.04	1200	57108.92	99		0	57108.92
1124844	21/08/2016	204054	23	N	1312.5	397175.11	6908168.44	1201	57158.38	99		0	57158.38
1124844	21/08/2016	204146	23	N	1325	397182.5	6908176.23	1202	57183.12	99		0	57183.12
1124844	21/08/2016	204310	23	N	1337.5	397189.43	6908188.72	1204	57152.53	99		0	57152.53
1124844	21/08/2016	204402	23	N	1350	397195.45	6908198.85	1205	57147.17	99		0	57147.17
1124844	21/08/2016	204454	23	N	1362.5	397201.45	6908208.24	1206	57044.76	99		0	57044.76
1124844	21/08/2016	204618	23	N	1375	397209.45	6908213.72	1207	57046.56	99		0	57046.56
1124844	21/08/2016	204938	23	N	1387.5	397217.62	6908225.3	1209	57060.38	99		0	57060.38
1124844	21/08/2016	205230	23	N	1400	397222.2	6908237.56	1210	57143.77	99		0	57143.77
1124844	21/08/2016	205402	23	N	1412.5	397231.93	6908249.1	1211	57222.62	99		0	57222.62
1124844	21/08/2016	205450	23	N	1425	397235.82	6908260.73	1213	57195.71	99		0	57195.71
1124844	21/08/2016	205630	23	N	1437.5	397246.31	6908265.92	1213	57138.9	99		0	57138.90
1124844	21/08/2016	205814	23	N	1450	397256.14	6908275.01	1212	57230.6	99		0	57230.60
1124844	21/08/2016	205858	23	N	1462.5	397259.06	6908284.31	1215	57145.13	99		0	57145.13
1124844	21/08/2016	205954	23	N	1475	397265.84	6908294.6	1216	57127.9	99		0	57127.90
1124844	21/08/2016	210034	23	N	1487.5	397274.11	6908303.05	1216	57244.17	99		0	57244.17
1124844	21/08/2016	210118	23	N	1500	397279.96	6908313.74	1217	57154.35	99		0	57154.35
1124844	21/08/2016	210222	23	N	1512.5	397287.41	6908325.2	1218	57108.86	99		0	57108.86
1124844	21/08/2016	210306	23	N	1525	397296.02	6908334.12	1218	57166.2	99		0	57166.20
1124844	21/08/2016	210350	23	N	1537.5	397302.76	6908344.92	1219	57078.48	99		0	57078.48
1124844	21/08/2016	210434	23	N	1550	397313.06	6908357.32	1220	57146.26	99		0	57146.26
1124844	21/08/2016	210534	23	N	1562.5	397319.53	6908364.2	1219	57136.73	99		0	57136.73
1124844	21/08/2016	210618	23	N	1575	397327.89	6908374.55	1219	57119.89	99		0	57119.89
1124844	21/08/2016	210654	23	N	1587.5	397332.28	6908383.52	1221	57106.72	99		0	57106.72
1124844	21/08/2016	210750	23	N	1600	397337.96	6908395.06	1223	57077.81	99		0	57077.81
1124844	21/08/2016	210834	23	N	1612.5	397342.97	6908406.19	1224	57103.78	99		0	57103.78
1124844	21/08/2016	210918	23	N	1625	397349.84	6908415.26	1225	57080.99	99		0	57080.99
1124844	21/08/2016	211002	23	N	1637.5	397357.29	6908423.86	1226	57078.48	99		0	57078.48
1124844	21/08/2016	211102	23	N	1650	397364.72	6908434.54	1226	57093.27	99		0	57093.27
1124844	21/08/2016	211202	23	N	1662.5	397374.65	6908443.75	1228	57100.48	99		0	57100.48
1124844	21/08/2016	211310	23	N	1675	397379.19	6908453.26	1229	57049.79	99		0	57049.79
1124844	21/08/2016	211354	23	N	1687.5	397383.95	6908465.23	1231	57025.23	99		0	57025.23
1124844	21/08/2016	211438	23	N	1700	397389.7	6908						

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	24/08/2016	174110	25	N	337.5	396523.51	6906886.6	1119	57009.92	99		0	57009.92
1124844	24/08/2016	174138	25	N	350	396531.86	6906897.11	1120	56971.44	99		0	56971.44
1124844	24/08/2016	174206	25	N	362.5	396539.15	6906907.64	1121	56910.75	99		0	56910.75
1124844	24/08/2016	174234	25	N	375	396546.9	6906918.48	1121	57024.89	99		0	57024.89
1124844	24/08/2016	174334	25	N	387.5	396553.32	6906925.84	1121	57201.2	69		0	57201.20
1124844	24/08/2016	174350	25	N	387.5	396553.31	6906925.81	1121	57214.69	59		2	
1124844	24/08/2016	174410	25	N	387.5	396553.29	6906925.79	1121	57208.9	59		1	
1124844	24/08/2016	174442	25	N	400	396561.87	6906936.24	1120	56951.44	79		0	56951.44
1124844	24/08/2016	174502	25	N	400	396561.67	6906935.69	1120	56959.79	89		1	
1124844	24/08/2016	174530	25	N	412.5	396570.65	6906943.91	1120	56923.04	99		0	56923.04
1124844	24/08/2016	174618	25	N	425	396576.69	6906955.25	1118	57001.36	99		0	57001.36
1124844	24/08/2016	174658	25	N	437.5	396583.35	6906963.67	1118	56950.08	79		0	56950.08
1124844	24/08/2016	174734	25	N	450	396589.98	6906974.81	1117	56902.22	99		0	56902.22
1124844	24/08/2016	174806	25	N	462.5	396597.49	6906983.58	1117	57048.96	99		0	57048.96
1124844	24/08/2016	174838	25	N	475	396604.27	6906993.18	1116	57022.31	99		0	57022.31
1124844	24/08/2016	174926	25	N	487.5	396610.95	6907003.26	1114	57022.4	79		0	57022.40
1124844	24/08/2016	174958	25	N	500	396615.72	6907014.74	1113	57042.96	39		0	57042.96
1124844	24/08/2016	175018	25	N	500	396616.19	6907014.93	1113	57021.36	99		2	
1124844	24/08/2016	175058	25	N	512.5	396623.11	6907026.02	1112	57020.66	59		0	57020.66
1124844	24/08/2016	175118	25	N	512.5	396623.52	6907026.16	1112	57024	59		1	
1124844	24/08/2016	175158	25	N	525	396630.63	6907035.98	1111	56976.16	59		0	56976.16
1124844	24/08/2016	175218	25	N	525	396630.92	6907035.85	1111	56998.47	89		2	
1124844	24/08/2016	175322	25	N	537.5	396638.18	6907044.62	1110	57042.79	59		0	57042.79
1124844	24/08/2016	175338	25	N	537.5	396638.34	6907044.59	1109	57037.93	49		1	
1124844	24/08/2016	175358	25	N	537.5	396637.97	6907044.7	1109	57017.36	99		2	
1124844	24/08/2016	175434	25	N	550	396646.71	6907057.13	1107	56960.46	99		0	56960.46
1124844	24/08/2016	175502	25	N	562.5	396654.13	6907066.57	1106	56986.11	79		0	56986.11
1124844	24/08/2016	175534	25	N	575	396659.56	6907076.49	1105	56987.9	99		0	56987.90
1124844	24/08/2016	175618	25	N	587.5	396667.53	6907085.27	1103	57030.46	59		0	57030.46
1124844	24/08/2016	175638	25	N	587.5	396667.55	6907085.44	1102	57027.25	49		1	
1124844	24/08/2016	175654	25	N	587.5	396667.63	6907085.56	1102	57028.33	49		1	
1124844	24/08/2016	175734	25	N	600	396674.85	6907095.65	1100	56978.56	59		0	56978.56
1124844	24/08/2016	175750	25	N	600	396674.94	6907095.42	1101	57014.5	89		2	
1124844	24/08/2016	175822	25	N	612.5	396680.89	6907105.93	1099	57009.6	99		0	57009.60
1124844	24/08/2016	175910	25	N	625	396687.2	6907116.25	1099	57016.22	99		0	57016.22
1124844	24/08/2016	175958	25	N	637.5	396696.33	6907125.98	1098	57026.3	59		0	57026.30
1124844	24/08/2016	180034	25	N	637.5	396696.27	6907126.23	1098	57051.59	19		2	
1124844	24/08/2016	180110	25	N	650	396703.62	6907135.43	1097	57058.87	79		0	57058.87
1124844	24/08/2016	180142	25	N	662.5	396712.03	6907146.19	1097	57033.17	99		0	57033.17
1124844	24/08/2016	180214	25	N	675	396719.38	6907155.8	1097	56995.09	99		0	56995.09
1124844	24/08/2016	180254	25	N	687.5	396725.82	6907165.21	1096	57067.83	69		0	57067.83
1124844	24/08/2016	180326	25	N	700	396731.05	6907176.43	1097	57043.34	99		0	57043.34
1124844	24/08/2016	180402	25	N	712.5	396738.59	6907188.15	1097	56972.53	99		0	56972.53
1124844	24/08/2016	180442	25	N	725	396741.5	6907199.9	1097	57027.4	99		0	57027.40
1124844	24/08/2016	180626	25	N	737.5	396750.51	6907208.77	1097	56995	79		0	56995.00
1124844	24/08/2016	180702	25	N	750	396758.54	6907218.31	1098	57033.77	59		0	57033.77
1124844	24/08/2016	180718	25	N	750	396758.56	6907218.61	1099	57054.22	69		2	
1124844	24/08/2016	180750	25	N	762.5	396766.15	6907227.09	1100	56997.35	99		0	56997.35
1124844	24/08/2016	180826	25	N	775	396771.47	6907238.66	1102	56963.49	79		0	56963.49
1124844	24/08/2016	180906	25	N	787.5	396780.28	6907248.59	1103	56955.58	99		0	56955.58
1124844	24/08/2016	180946	25	N	800	396785.1	6907256.66	1104	56996.39	99		0	56996.39
1124844	24/08/2016	181022	25	N	812.5	396791.97	6907268.95	1105	56957.9	99		0	56957.90
1124844	24/08/2016	181126	25	N	825	396799.59	6907279.66	1107	56996.92	99		0	56996.92
1124844	24/08/2016	181158	25	N	837.5	396806.1	6907289.13	1108	56984.44	99		0	56984.44
1124844	24/08/2016	181230	25	N	850	396811.87	6907300.14	1110	56950.81	99		0	56950.81
1124844	24/08/2016	181306	25	N	862.5	396820.32	6907309.38	1110	56981.54	99		0	56981.54
1124844	24/08/2016	181350	25	N	875	396829	6907319.21	1110	56958.05	99		0	56958.05
1124844	24/08/2016	181426	25	N	887.5	396834.58	6907329.69	1112	56927.3	99		0	56927.30
1124844	24/08/2016	181534	25	N	900	396842.4	6907340	1112	56967.86	79		0	56967.86
1124844	24/08/2016	181614	25	N	912.5	396847.81	6907347.27	1114	56983.4	99		0	56983.40
1124844	24/08/2016	181654	25	N	925	396857.2	6907357.27	1114	56931.2	99		0	56931.20
1124844	24/08/2016	181734	25	N	937.5	396868.17	6907365.95	1115	56988.06	69		0	56988.06
1124844	24/08/2016	181802	25	N	937.5	396867.49	6907366.53	1115	56952.07	89		2	
1124844	24/08/2016	181858	25	N	950	396873.3	6907376.49	1117	56973.29	99		0	56973.29
1124844	24/08/2016	182006	25	N	962.5	396879.48	6907385.89	1117	56933.17	99		0	56933.17
1124844	24/08/2016	182042	25	N	975	396885.7	6907394.12	1119	56950.17	99		0	56950.17
1124844	24/08/2016	182122	25	N	987.5	396892.93	6907404.09	1122	57003.76	99		0	57003.76
1124844	24/08/2016	182238	25	N	1000	396899.48	6907415.15	1123	56964.16	99		0	56964.16
1124844	24/08/2016	182334	25	N	1012.5	396906.51	6907424.29	1126	56947.75	99		0	56947.75
1124844	24/08/2016	182414	25	N	1025	396910.78	6907435.84	1127	56968.17	99		0	56968.17
1124844	24/08/2016	182454	25	N	1037.5	396914.32	6907447.81	1130	56989.22	99		0	56989.22
1124844	24/08/2016	182526	25	N	1050	396919.11	6907458.38	1131	56986.22	99		0	56986.22
1124844	24/08/2016	182602	25	N	1062.5	396924.51	6907471.55	1132	57015.23	99		0	57015.23
1124844	24/08/2016	182638	25	N	1075	396932.14	6907480.94	1134	57009.65	69		0	57009.65
1124844	24/08/2016	182658	25	N	1075	396932.57	6907481.24	1133	57029.86	99		2	
1124844	24/08/2016	182738	25	N	1087.5	396940.05	6907489.44	1136	57014.5	99		0	57014.50
1124844	24/08/2016	182826	25	N	1100	396947.46	6907500.29	1138	57067.65	99		0	57067.65
1124844	24/08/2016	183038	25	N	1112.5	396953.85	6907509.95	1140	57033.19	99		0	57033.19
1124844	24/08/2016	183122	25	N	1125	396962.16	6907519.17	1140	57083.25	99		0	57083.25
1124844	24/08/2016	183210	25	N	1137.5	396969.57	6907526.91	1141	57171.38	59		0	57171.38
1124844	24/08/2016	183242	25	N	1137.5	396970.22	6907527.24	1142	57099	99		2	
1124844	24/08/2016	183318	25	N	1150	396977.53	6907538.03	1143	57077.09	99		0	57077.09
1124844	24/08/2016	183406	25	N	1162.5	396984.69	6907552.22	1146	57138.23	59		0	57138.23
1124844	24/08/2016	183426	25	N	1162.5	396984.98	6907552.32	1145	57131.52	99		1	
1124844	24/08/2016	183530	25	N	1175	396997.25	6907566.74	1147	57116.2	99		0	57116.20
112484													

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	24/08/2016	191622	25	N	1687.5	397282.97	6907965	1177	57157.17	39		0	57157.17
1124844	24/08/2016	191642	25	N	1687.5	397282.9	6907965.52	1178	57121.56	99		2	
1124844	24/08/2016	191714	25	N	1700	397289.69	6907974.76	1179	57001.74	99		0	57001.74
1124844	24/08/2016	191758	25	N	1712.5	397299.91	6907983.59	1177	56988.17	99		0	56988.17
1124844	24/08/2016	191834	25	N	1725	397307.02	6907992.28	1177	56963.02	99		0	56963.02
1124844	24/08/2016	191950	25	N	1737.5	397312.13	6908006.09	1177	56986.94	99		0	56986.94
1124844	24/08/2016	192026	25	N	1750	397317.47	6908014.64	1178	57009.75	89		0	57009.75
1124844	24/08/2016	192106	25	N	1762.5	397326.94	6908025.43	1179	57104.53	39		0	57104.53
1124844	24/08/2016	192122	25	N	1762.5	397326.8	6908025.12	1178	57076.94	49		2	
1124844	24/08/2016	192138	25	N	1762.5	397326.86	6908025.02	1178	57005.61	99		2	
1124844	24/08/2016	192222	25	N	1775	397334.17	6908034.45	1179	57171.58	99		0	57171.58
1124844	24/08/2016	192310	25	N	1787.5	397338.79	6908044.2	1178	57290.13	69		0	57290.13
1124844	24/08/2016	192330	25	N	1787.5	397338.78	6908044.44	1179	57284.31	79		1	
1124844	24/08/2016	192406	25	N	1800	397345.28	6908053.25	1180	57484.83	99		0	57484.83
1124844	24/08/2016	192426	25	N	1800	397344.86	6908053.28	1181	57475.84	99		1	
1124844	24/08/2016	192454	25	N	1812.5	397350.82	6908062.44	1181	57264.57	99		0	57264.57
1124844	24/08/2016	192510	25	N	1812.5	397351.26	6908061.99	1180	57260.65	99		1	
1124844	24/08/2016	192546	25	N	1825	397361.54	6908073.96	1181	57240.72	69		0	57240.72
1124844	24/08/2016	192602	25	N	1825	397360.98	6908075.35	1186	57225.1	69		2	
1124844	24/08/2016	192650	25	N	1837.5	397370.1	6908083.48	1183	57389.39	89		0	57389.39
1124844	24/08/2016	192706	25	N	1837.5	397369.64	6908083.67	1182	57373.34	99		2	
1124844	24/08/2016	192738	25	N	1850	397372.53	6908095.1	1185	57323.23	59		0	57323.23
1124844	24/08/2016	192806	25	N	1850	397372.3	6908094.56	1184	57308.77	99		2	
1124844	24/08/2016	192846	25	N	1862.5	397383.28	6908103.3	1185	57241.71	79		0	57241.71
1124844	24/08/2016	192922	25	N	1875	397392.62	6908109.24	1184	57154.2	69		0	57154.20
1124844	24/08/2016	192942	25	N	1875	397392.42	6908109.72	1185	57132.94	99		2	
1124844	24/08/2016	193126	25	N	1887.5	397397.43	6908118.58	1183	57250.47	99		0	57250.47
1124844	24/08/2016	193206	25	N	1900	397405.26	6908127.91	1183	57186.91	99		0	57186.91
1124844	24/08/2016	193246	25	N	1912.5	397413.38	6908139.53	1184	57179.81	99		0	57179.81
1124844	24/08/2016	193322	25	N	1925	397420.81	6908148.88	1186	57175.33	99		0	57175.33
1124844	24/08/2016	193410	25	N	1937.5	397425.77	6908160.27	1186	57167.46	49		0	57167.46
1124844	24/08/2016	193438	25	N	1937.5	397425.52	6908159.86	1189	57133.92	99		2	
1124844	24/08/2016	193514	25	N	1950	397429.56	6908171.77	1190	57040.26	99		0	57040.26
1124844	24/08/2016	193558	25	N	1962.5	397432.56	6908184.52	1191	57271.26	59		0	57271.26
1124844	24/08/2016	193626	25	N	1975	397432.86	6908185.11	1191	57270.25	59		0	57270.25
1124844	24/08/2016	193642	25	N	1975	397433.02	6908184.95	1191	57238.1	89		2	
1124844	24/08/2016	193718	25	N	1987.5	397437.22	6908194.05	1192	57266.11	99		0	57266.11
1124844	24/08/2016	193754	25	N	2000	397444.07	6908206.9	1192	57330.87	79		0	57330.87
1124844	24/08/2016	193834	25	N	2012.5	397449.93	6908217.36	1195	57275.67	99		0	57275.67
1124844	24/08/2016	193906	25	N	2025	397459.49	6908224.23	1194	57173.67	99		0	57173.67
1124844	24/08/2016	193942	25	N	2037.5	397466.66	6908233.86	1195	57218.29	79		0	57218.29
1124844	24/08/2016	194018	25	N	2050	397472.31	6908244.53	1195	57161.31	99		0	57161.31
1124844	24/08/2016	194106	25	N	2062.5	397484.23	6908254.83	1196	57055.94	99		0	57055.94
1124844	24/08/2016	194158	25	N	2075	397489.44	6908263.86	1195	56986.79	99		0	56986.79
1124844	24/08/2016	194234	25	N	2087.5	397500.73	6908271.99	1195	57036.23	99		0	57036.23
1124844	24/08/2016	194458	25	N	2100	397504.88	6908281.06	1198	57069.44	99		0	57069.44
1124844	24/08/2016	194654	25	N	2112.5	397510.57	6908289.44	1196	57059.3	99		0	57059.30
1124844	24/08/2016	194726	25	N	2125	397513.9	6908301.93	1197	57092.79	99		0	57092.79
1124844	24/08/2016	194754	25	N	2137.5	397522.93	6908311.86	1197	57097.65	99		0	57097.65
1124844	24/08/2016	194826	25	N	2150	397529.24	6908320.84	1198	57115.56	99		0	57115.56
1124844	24/08/2016	194854	25	N	2162.5	397539.23	6908330.19	1197	57117.44	59		0	57117.44
1124844	24/08/2016	194910	25	N	2162.5	397539.4	6908330.41	1197	57066.05	99		2	
1124844	24/08/2016	194946	25	N	2175	397546.64	6908340.62	1197	57088.44	99		0	57088.44
1124844	24/08/2016	195014	25	N	2187.5	397553.69	6908350.2	1196	57112.38	99		0	57112.38
1124844	24/08/2016	195050	25	N	2200	397562.55	6908359.73	1196	57140.02	49		0	57140.02
1124844	24/08/2016	195106	25	N	2200	397562.86	6908360.14	1196	57126.82	69		2	
1124844	24/08/2016	195134	25	N	2212.5	397570.24	6908369.5	1195	57080.75	99		0	57080.75
1124844	24/08/2016	195218	25	N	2225	397577.7	6908378.85	1192	57071.14	99		0	57071.14
1124844	24/08/2016	195246	25	N	2237.5	397584.44	6908389.79	1193	57039.66	99		0	57039.66
1124844	24/08/2016	195314	25	N	2250	397588.86	6908399.94	1192	57048.02	99		0	57048.02
1124844	24/08/2016	195354	25	N	2262.5	397591.16	6908412.74	1192	57165.61	29		0	57165.61
1124844	24/08/2016	195418	25	N	2262.5	397590.3	6908413.29	1191	57061.39	99		2	
1124844	24/08/2016	195454	25	N	2275	397597.25	6908423.89	1191	56985.12	99		0	56985.12
1124844	24/08/2016	195538	25	N	2287.5	397604.23	6908434.42	1190	56986.01	99		0	56986.01
1124844	24/08/2016	195610	25	N	2300	397610.33	6908443.99	1189	57066.22	79		0	57066.22
1124844	24/08/2016	195642	25	N	2312.5	397619.68	6908452.99	1187	57041.4	99		0	57041.40
1124844	24/08/2016	195734	25	N	2325	397629.18	6908461.27	1185	57054.77	69		0	57054.77
1124844	24/08/2016	195754	25	N	2325	397629.25	6908461.3	1186	57035.12	99		2	
1124844	24/08/2016	195838	25	N	2337.5	397638.82	6908470.98	1185	57033.48	99		0	57033.48
1124844	24/08/2016	195910	25	N	2350	397645.02	6908477.29	1182	57039.03	99		0	57039.03
1124844	24/08/2016	195946	25	N	2362.5	397653.95	6908486.18	1182	57051.12	99		0	57051.12
1124844	24/08/2016	200022	25	N	2375	397663.18	6908496.08	1178	56994.92	99		0	56994.92
1124844	24/08/2016	200106	25	N	2387.5	397670.67	6908507.81	1177	56996.91	99		0	56996.91
1124844	24/08/2016	200138	25	N	2400	397675.16	6908515.84	1176	56982.91	99		0	56982.91
1124844	24/08/2016	200214	25	N	2412.5	397681.04	6908526.69	1176	57015.47	99		0	57015.47
1124844	24/08/2016	200246	25	N	2425	397688.05	6908537.47	1176	56986.35	99		0	56986.35
1124844	24/08/2016	200322	25	N	2437.5	397694.19	6908548.39	1174	57030.71	79		0	57030.71
1124844	24/08/2016	200354	25	N	2450	397701.6	6908557.71	1172	57028.93	99		0	57028.93
1124844	24/08/2016	200426	25	N	2462.5	397706.27	6908564.5	1171	57020.01	99		0	57020.01
1124844	24/08/2016	200442	25	N	2462.5	397706.26	6908564.49	1172	57007.85	99		2	
8042731	24/08/2019	170502	27	N	0.00	396551.47	6906588.18	1096.00	56859.2	99		0	56859.20
8042732	24/08/2020	170522	27	N	0.00	396551.55	6906588.10	1096.00	56890.91	99		2	
8042733	24/08/2021	170618	27	N	12.50	396558.70	6906598.80	1098.00	56941.78	99		0	56941.78
8042734	24/08/2022	170646	27	N	12.50	396559.26	6906599.71	1098.00	56942	99		1	
8042735	24/08/2023	170726	27	N	25.00	396565.80	6906609						

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042786	24/08/2074	175002	27	N	650.00	396918.97	6907103.92	1104.00	56894.77	59		0	56894.77
8042787	24/08/2075	175050	27	N	662.50	396924.60	6907112.75	1103.00	56936.87	79		0	56936.87
8042788	24/08/2076	175222	27	N	675.00	396930.48	6907121.59	1104.00	56828.44	99		0	56828.44
8042789	24/08/2077	175310	27	N	687.50	396938.08	6907131.62	1104.00	56925.66	69		0	56925.66
8042790	24/08/2078	175402	27	N	700.00	396945.70	6907142.18	1104.00	57023.31	49		0	57023.31
8042791	24/08/2079	175458	27	N	712.50	396952.36	6907152.84	1103.00	56863.41	89		0	56863.41
8042792	24/08/2080	175606	27	N	725.00	396962.37	6907162.66	1104.00	56785.09	99		0	56785.09
8042793	24/08/2081	175642	27	N	737.50	396968.50	6907171.46	1104.00	56860.29	69		0	56860.29
8042794	24/08/2082	175738	27	N	750.00	396973.78	6907183.18	1104.00	56787.33	99		0	56787.33
8042795	24/08/2083	175854	27	N	762.50	396979.39	6907193.49	1104.00	56845.33	89		0	56845.33
8042796	24/08/2084	180138	27	N	775.00	396986.42	6907202.40	1105.00	56983.33	99		0	56983.33
8042797	24/08/2085	180222	27	N	787.50	396992.87	6907214.07	1105.00	56816.93	99		0	56816.93
8042798	24/08/2086	180310	27	N	800.00	397000.41	6907226.11	1105.00	56808.12	99		0	56808.12
8042799	24/08/2087	180358	27	N	812.50	397009.95	6907236.05	1106.00	56858.1	99		0	56858.1
8042800	24/08/2088	180438	27	N	825.00	397016.45	6907246.37	1107.00	56908.31	99		0	56908.31
8042801	24/08/2089	180510	27	N	837.50	397022.20	6907254.17	1108.00	56859.54	99		0	56859.54
8042802	24/08/2090	180546	27	N	850.00	397028.32	6907262.98	1109.00	56870.75	99		0	56870.75
8042803	24/08/2091	180626	27	N	862.50	397036.60	6907273.54	1110.00	56942.34	99		0	56942.34
8042804	24/08/2092	180710	27	N	875.00	397045.16	6907285.93	1111.00	56884.12	69		0	56884.12
8042805	24/08/2093	180750	27	N	887.50	397052.24	6907297.58	1111.00	56903.31	99		0	56903.31
8042806	24/08/2094	180830	27	N	900.00	397057.07	6907304.90	1113.00	56885.51	99		0	56885.51
8042807	24/08/2095	180914	27	N	912.50	397063.35	6907314.93	1114.00	56877.69	79		0	56877.69
8042808	24/08/2096	181110	27	N	925.00	397071.80	6907328.85	1117.00	56817.06	99		0	56817.06
8042809	24/08/2097	181150	27	N	937.50	397077.07	6907336.07	1117.00	56841.27	99		0	56841.27
8042810	24/08/2098	181246	27	N	950.00	397084.99	6907346.82	1118.00	56897.79	99		0	56897.79
8042811	24/08/2099	181326	27	N	962.50	397091.61	6907356.14	1119.00	56831.11	99		0	56831.11
8042812	24/08/2100	181418	27	N	975.00	397098.49	6907366.52	1119.00	56898.07	99		0	56898.07
8042813	24/08/2101	181522	27	N	987.50	397106.30	6907378.65	1120.00	56892.74	99		0	56892.74
8042814	24/08/2102	181602	27	N	1000.00	397113.21	6907385.58	1122.00	56862.23	99		0	56862.23
8042815	24/08/2103	181722	27	N	1012.50	397121.54	6907394.75	1123.00	56988.95	79		0	56988.95
8042816	24/08/2104	181802	27	N	1025.00	397128.49	6907403.99	1124.00	56980.2	89		0	56980.2
8042817	24/08/2105	182014	27	N	1037.50	397138.35	6907413.82	1125.00	56994.23	99		0	56994.23
8042818	24/08/2106	182050	27	N	1050.00	397147.34	6907426.56	1126.00	56934.48	99		0	56934.48
8042819	24/08/2107	182130	27	N	1062.50	397156.47	6907440.00	1127.00	56990.2	99		0	56990.2
8042820	24/08/2108	182158	27	N	1075.00	397161.20	6907445.47	1127.00	56934.49	99		0	56934.49
8042821	24/08/2109	182242	27	N	1087.50	397166.23	6907453.84	1128.00	56944.81	99		0	56944.81
8042822	24/08/2110	182326	27	N	1100.00	397170.03	6907464.82	1129.00	56909.53	99		0	56909.53
8042823	24/08/2111	182406	27	N	1112.50	397172.00	6907476.13	1131.00	56874.32	99		0	56874.32
8042824	24/08/2112	182506	27	N	1125.00	397177.78	6907487.54	1131.00	56929.06	99		0	56929.06
8042825	24/08/2113	182602	27	N	1137.50	397187.22	6907494.64	1132.00	56907.3	99		0	56907.3
8042826	24/08/2114	182702	27	N	1150.00	397195.19	6907503.40	1136.00	56983.55	99		0	56983.55
8042827	24/08/2115	182818	27	N	1162.50	397202.69	6907512.56	1135.00	56933.65	99		0	56933.65
8042828	24/08/2116	182906	27	N	1175.00	397210.83	6907522.05	1137.00	56923.65	99		0	56923.65
8042829	24/08/2117	183006	27	N	1187.50	397220.29	6907530.63	1137.00	57010.91	99		0	57010.91
8042830	24/08/2118	183042	27	N	1200.00	397227.13	6907538.77	1142.00	56916.03	99		0	56916.03
8042831	24/08/2119	183118	27	N	1212.50	397233.83	6907546.35	1142.00	56902.2	99		0	56902.2
8042832	24/08/2120	183210	27	N	1225.00	397243.50	6907557.62	1141.00	56948.29	99		0	56948.29
8042833	24/08/2121	183314	27	N	1237.50	397252.98	6907569.21	1144.00	56926.24	79		0	56926.24
8042834	24/08/2122	183350	27	N	1250.00	397254.90	6907578.28	1144.00	56908.8	59		0	56908.8
8042835	24/08/2123	183442	27	N	1262.50	397263.29	6907593.14	1149.00	56868.18	79		0	56868.18
8042836	24/08/2124	183526	27	N	1275.00	397269.93	6907599.00	1149.00	56952.89	99		0	56952.89
8042837	24/08/2125	183618	27	N	1287.50	397274.77	6907609.19	1149.00	56994.57	69		0	56994.57
8042838	24/08/2126	183730	27	N	1300.00	397279.72	6907617.12	1149.00	56915.67	99		0	56915.67
8042839	24/08/2127	183810	27	N	1312.50	397286.36	6907628.70	1150.00	56866	59		0	56866.00
8042840	24/08/2128	183850	27	N	1325.00	397293.91	6907639.21	1152.00	56953.69	79		0	56953.69
8042841	24/08/2129	184202	27	N	1337.50	397303.36	6907652.48	1151.00	56988.98	99		0	56988.98
8042842	24/08/2130	184238	27	N	1350.00	397307.42	6907660.98	1154.00	56935.59	89		0	56935.59
8042843	24/08/2131	184314	27	N	1362.50	397314.94	6907668.96	1154.00	56968.39	99		0	56968.39
8042844	24/08/2132	184410	27	N	1375.00	397321.12	6907678.17	1156.00	56958.19	99		0	56958.19
8042845	24/08/2133	184546	27	N	1387.50	397328.43	6907689.50	1156.00	56917.88	99		0	56917.88
8042846	24/08/2134	184638	27	N	1400.00	397337.35	6907700.01	1157.00	56931.17	99		0	56931.17
8042847	24/08/2135	184730	27	N	1412.50	397344.12	6907708.46	1158.00	56951.4	99		0	56951.4
8042848	24/08/2136	184854	27	N	1425.00	397353.93	6907721.94	1159.00	56972.38	99		0	56972.38
8042849	24/08/2137	184930	27	N	1437.50	397359.83	6907730.17	1159.00	56917.06	99		0	56917.06
8042850	24/08/2138	185006	27	N	1450.00	397365.17	6907738.22	1160.00	56907.34	79		0	56907.34
8042851	24/08/2139	185058	27	N	1462.50	397371.82	6907747.70	1160.00	56978.22	89		0	56978.22
8042852	24/08/2140	185430	27	N	1475.00	397381.72	6907759.46	1160.00	56950.27	99		0	56950.27
8042853	24/08/2141	185506	27	N	1487.50	397387.85	6907767.53	1161.00	56998.68	99		0	56998.68
8042854	24/08/2142	185602	27	N	1500.00	397396.49	6907778.03	1162.00	57020.9	89		0	57020.9
8042855	24/08/2143	185646	27	N	1512.50	397404.78	6907787.66	1163.00	56972.23	99		0	56972.23
8042856	24/08/2144	185742	27	N	1525.00	397414.57	6907798.97	1163.00	56974.22	99		0	56974.22
8042857	24/08/2145	185826	27	N	1537.50	397421.82	6907807.92	1163.00	57013.76	79		0	57013.76
8042858	24/08/2146	185954	27	N	1550.00	397427.16	6907819.74	1163.00	57031.67	99		0	57031.67
8042859	24/08/2147	190046	27	N	1562.50	397433.33	6907830.56	1164.00	56938.5	89		0	56938.5
8042860	24/08/2148	190158	27	N	1575.00	397438.73	6907839.95	1163.00	57016.03	79		0	57016.03
8042861	24/08/2149	190238	27	N	1587.50	397444.15	6907851.17	1164.00	56881.56	99		0	56881.56
8042862	24/08/2150	190318	27	N	1600.00	397449.18	6907859.56	1165.00	56804.38	99		0	56804.38
8042863	24/08/2151	190402	27	N	1612.50	397454.96	6907868.31	1166.00	56899.47	99		0	56899.47
8042864	24/08/2152	190502	27	N	1625.00	397464.37	6907880.06	1165.00	56894.71	99		0	56894.71
8042865	24/08/2153	190542	27	N	1637.50	397471.71	6907888.68	1167.00	56901.27	99		0	56901.27
8042866	24/08/2154	190630	27	N	1650.00	397481.50	6907902.15	1166.00	56889.67	99		0	

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042921	24/08/2009	194442	27	N	2325.00	397861.45	6908441.62	1137.00	56864.59	89		1	
1124844	24/08/2016	234238	29	N	0.00	396649.84	6906425.40	1095.00	56763.21	79		0	56763.21
1124844	24/08/2016	234310	29	N	0.00	396649.41	6906425.27	1095.00	56785.25	99		2	
1124844	24/08/2016	234330	29	N	0.00	396649.40	6906425.23	1095.00	56788.31	99		1	
1124844	24/08/2016	234202	29	N	12.50	396654.74	6906430.36	1092.00	56730.69	99		0	56730.69
1124844	24/08/2016	234102	29	N	25.00	396664.80	6906440.90	1091.00	56736.97	99		0	56736.97
1124844	24/08/2016	234014	29	N	37.50	396673.17	6906450.20	1093.00	56826.86	99		0	56826.86
1124844	24/08/2016	233858	29	N	50.00	396681.44	6906459.61	1098.00	56864.44	69		0	56864.44
1124844	24/08/2016	233914	29	N	50.00	396680.90	6906458.77	1098.00	56910.71	49		2	
1124844	24/08/2016	233938	29	N	50.00	396680.57	6906459.83	1097.00	56918.29	59		1	
1124844	24/08/2016	233822	29	N	62.50	396684.60	6906471.54	1102.00	56862.85	79		0	56862.85
1124844	24/08/2016	233750	29	N	75.00	396691.29	6906482.45	1105.00	56881.78	99		0	56881.78
1124844	24/08/2016	233702	29	N	87.50	396697.53	6906489.78	1108.00	56900.16	59		0	56900.16
1124844	24/08/2016	233722	29	N	87.50	396697.48	6906489.17	1106.00	56898.96	59		1	
1124844	24/08/2016	233626	29	N	100.00	396707.80	6906498.04	1114.00	56984.39	79		0	56984.39
1124844	24/08/2016	233426	29	N	112.50	396715.04	6906506.11	1115.00	56983.15	69		0	56983.15
1124844	24/08/2016	233450	29	N	112.50	396715.19	6906504.27	1114.00	57033.46	49		2	
1124844	24/08/2016	233354	29	N	125.00	396719.50	6906516.28	1117.00	56849.21	99		0	56849.21
1124844	24/08/2016	233306	29	N	137.50	396724.74	6906526.78	1118.00	56973.14	69		0	56973.14
1124844	24/08/2016	233322	29	N	137.50	396724.55	6906525.74	1119.00	56964.78	79		1	
1124844	24/08/2016	233234	29	N	150.00	396732.92	6906537.93	1120.00	56964.53	99		0	56964.53
1124844	24/08/2016	233150	29	N	162.50	396742.39	6906545.17	1123.00	56877.69	99		0	56877.69
1124844	24/08/2016	233118	29	N	175.00	396748.53	6906555.45	1125.00	56907.48	79		0	56907.48
1124844	24/08/2016	233046	29	N	187.50	396756.56	6906565.81	1127.00	56932.05	99		0	56932.05
1124844	24/08/2016	233014	29	N	200.00	396764.33	6906577.51	1129.00	57003	99		0	57003.00
1124844	24/08/2016	232946	29	N	212.50	396770.35	6906588.31	1130.00	56985.34	69		0	56985.34
1124844	24/08/2016	232850	29	N	225.00	396776.68	6906597.84	1131.00	57087.54	59		0	57087.54
1124844	24/08/2016	232910	29	N	225.00	396776.72	6906597.13	1131.00	57054.25	79		2	
1124844	24/08/2016	232754	29	N	237.50	396788.87	6906604.28	1132.00	56940.43	79		0	56940.43
1124844	24/08/2016	232722	29	N	250.00	396797.16	6906613.99	1134.00	56966.02	99		0	56966.02
1124844	24/08/2016	232650	29	N	262.50	396803.05	6906624.09	1135.00	56886.98	99		0	56886.98
1124844	24/08/2016	232618	29	N	275.00	396809.15	6906634.04	1136.00	56997.17	99		0	56997.17
1124844	24/08/2016	232550	29	N	287.50	396813.66	6906643.94	1137.00	56898.15	99		0	56898.15
1124844	24/08/2016	232518	29	N	300.00	396819.04	6906657.49	1137.00	56893.82	99		0	56893.82
1124844	24/08/2016	232450	29	N	312.50	396827.40	6906668.25	1138.00	56942.71	99		0	56942.71
1124844	24/08/2016	232426	29	N	325.00	396834.62	6906676.18	1140.00	56959.41	99		0	56959.41
1124844	24/08/2016	232354	29	N	337.50	396837.79	6906690.17	1142.00	56948.87	99		0	56948.87
1124844	24/08/2016	232250	29	N	350.00	396845.82	6906700.10	1144.00	56914.8	99		0	56914.80
1124844	24/08/2016	232150	29	N	362.50	396854.09	6906707.23	1145.00	56997.22	99		0	56997.22
1124844	24/08/2016	232102	29	N	375.00	396864.46	6906710.71	1147.00	57050.79	99		0	57050.79
1124844	24/08/2016	232006	29	N	387.50	396875.33	6906720.57	1152.00	56994.05	49		0	56994.05
1124844	24/08/2016	232022	29	N	387.50	396874.69	6906720.40	1151.00	57040.99	99		2	
1124844	24/08/2016	231934	29	N	400.00	396882.05	6906732.11	1151.00	56951.43	99		0	56951.43
1124844	24/08/2016	231858	29	N	412.50	396889.17	6906741.48	1151.00	56957.03	99		0	56957.03
1124844	24/08/2016	231826	29	N	425.00	396894.23	6906753.02	1149.00	56906.43	99		0	56906.43
1124844	24/08/2016	231742	29	N	437.50	396900.27	6906763.67	1149.00	56934.98	99		0	56934.98
1124844	24/08/2016	231654	29	N	450.00	396903.58	6906776.96	1147.00	56816.78	79		0	56816.78
1124844	24/08/2016	231622	29	N	462.50	396911.85	6906786.68	1147.00	56970.9	69		0	56970.90
1124844	24/08/2016	231550	29	N	475.00	396917.19	6906797.35	1145.00	57003.48	99		0	57003.48
1124844	24/08/2016	231518	29	N	487.50	396925.74	6906806.78	1145.00	56964.47	99		0	56964.47
1124844	24/08/2016	231438	29	N	500.00	396932.68	6906817.13	1144.00	56908.72	99		0	56908.72
1124844	24/08/2016	231406	29	N	512.50	396940.95	6906826.10	1143.00	56852.54	99		0	56852.54
1124844	24/08/2016	231146	29	N	525.00	396946.72	6906835.51	1141.00	56790.85	99		0	56790.85
1124844	24/08/2016	231022	29	N	537.50	396955.49	6906845.93	1140.00	56831.73	99		0	56831.73
1124844	24/08/2016	230942	29	N	550.00	396963.52	6906856.67	1138.00	56825.83	99		0	56825.83
1124844	24/08/2016	230910	29	N	562.50	396967.06	6906866.95	1136.00	56869.63	99		0	56869.63
1124844	24/08/2016	230838	29	N	575.00	396976.22	6906876.38	1135.00	56865.3	99		0	56865.30
1124844	24/08/2016	230806	29	N	587.50	396983.04	6906886.95	1133.00	56849.53	99		0	56849.53
1124844	24/08/2016	230722	29	N	600.00	396990.98	6906896.01	1131.00	56869.56	99		0	56869.56
1124844	24/08/2016	230642	29	N	612.50	397001.20	6906904.41	1129.00	56960.62	99		0	56960.62
1124844	24/08/2016	230606	29	N	625.00	397005.60	6906916.65	1128.00	56892.42	99		0	56892.42
1124844	24/08/2016	230530	29	N	637.50	397014.30	6906923.74	1126.00	56901.2	99		0	56901.20
1124844	24/08/2016	230446	29	N	650.00	397024.57	6906931.78	1124.00	56862.87	99		0	56862.87
1124844	24/08/2016	230414	29	N	662.50	397031.90	6906941.59	1122.00	56889.89	99		0	56889.89
1124844	24/08/2016	230326	29	N	675.00	397038.10	6906951.89	1120.00	56836.75	99		0	56836.75
1124844	24/08/2016	230250	29	N	687.50	397042.91	6906962.80	1118.00	56901.49	99		0	56901.49
1124844	24/08/2016	230218	29	N	700.00	397050.16	6906974.12	1116.00	56936.31	99		0	56936.31
1124844	24/08/2016	230146	29	N	712.50	397058.16	6906982.17	1114.00	56896.77	99		0	56896.77
1124844	24/08/2016	230050	29	N	725.00	397064.14	6906993.62	1114.00	56857.61	99		0	56857.61
1124844	24/08/2016	230014	29	N	737.50	397071.57	6907004.74	1113.00	56811.95	99		0	56811.95
1124844	24/08/2016	225934	29	N	750.00	397077.34	6907014.93	1112.00	56833.58	99		0	56833.58
1124844	24/08/2016	225906	29	N	762.50	397082.25	6907025.45	1110.00	56866.73	99		0	56866.73
1124844	24/08/2016	225834	29	N	775.00	397088.68	6907037.69	1109.00	56855.53	99		0	56855.53
1124844	24/08/2016	225754	29	N	787.50	397094.86	6907047.65	1109.00	56890.9	99		0	56890.90
1124844	24/08/2016	225722	29	N	800.00	397105.88	6907056.10	1108.00	56876.55	99		0	56876.55
1124844	24/08/2016	225630	29	N	812.50	397114.12	6907063.29	1108.00	56941.21	69		0	56941.21
1124844	24/08/2016	225654	29	N	812.50	397114.13	6907063.43	1108.00	56951.27	69		2	
1124844	24/08/2016	225558	29	N	825.00	397121.74	6907074.49	1108.00	56845.92	79		0	56845.92
1124844	24/08/2016	225318	29	N	837.50	397149.05	6907071.35	1110.00	56950.35	29		0	56950.35
1124844	24/08/2016	225434	29	N	837.50	397129.27	6907083.47	1109.00	56917.25	79		2	
1124844	24/08/2016	225042	29	N	850.00	397147.61	6907084.54	1109.00	56881.57	99		0	56881.57
1124844	24/08/2016	224902	29	N	862.50	397151.18	6907095.18	1108.00	56900.58	99		0	56900.58

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	24/08/2016	221442	29	N	1462.50	397481.51	6907575.19	1169.00	57213.78	99		0	57213.78
1124844	24/08/2016	221414	29	N	1475.00	397485.69	6907586.70	1171.00	57126.67	99		0	57126.67
1124844	24/08/2016	221346	29	N	1487.50	397494.17	6907596.87	1172.00	57103.62	99		0	57103.62
1124844	24/08/2016	221226	29	N	1500.00	397501.89	6907606.19	1172.00	57011.38	99		0	57011.38
1124844	24/08/2016	221122	29	N	1512.50	397509.00	6907615.90	1169.00	57056.6	69		0	57056.60
1124844	24/08/2016	221142	29	N	1512.50	397509.01	6907615.87	1169.00	57047.17	99		1	
1124844	24/08/2016	220910	29	N	1525.00	397517.55	6907627.65	1172.00	57192.05	99		0	57192.05
1124844	24/08/2016	220814	29	N	1537.50	397523.95	6907635.70	1172.00	57310.98	99		0	57310.98
1124844	24/08/2016	220738	29	N	1550.00	397531.91	6907645.86	1172.00	57393.42	99		0	57393.42
1124844	24/08/2016	220658	29	N	1562.50	397539.56	6907656.65	1172.00	57177.04	99		0	57177.04
1124844	24/08/2016	220610	29	N	1575.00	397546.85	6907666.45	1172.00	57259.61	69		0	57259.61
1124844	24/08/2016	220630	29	N	1575.00	397547.05	6907666.43	1172.00	57261.61	69		1	
1124844	24/08/2016	220538	29	N	1587.50	397554.49	6907676.86	1173.00	57220.33	99		0	57220.33
1124844	24/08/2016	220506	29	N	1600.00	397561.54	6907687.20	1173.00	57248.72	99		0	57248.72
1124844	24/08/2016	220438	29	N	1612.50	397570.42	6907696.38	1173.00	57200.04	99		0	57200.04
1124844	24/08/2016	220406	29	N	1625.00	397576.20	6907708.04	1173.00	56988.37	99		0	56988.37
1124844	24/08/2016	220334	29	N	1637.50	397582.95	6907720.18	1173.00	57195.06	99		0	57195.06
1124844	24/08/2016	220306	29	N	1650.00	397589.71	6907730.12	1173.00	57213.07	59		0	57213.07
1124844	24/08/2016	220214	29	N	1662.50	397596.09	6907740.32	1172.00	57099.2	99		0	57099.20
1124844	24/08/2016	220138	29	N	1675.00	397604.19	6907750.53	1172.00	57077.12	99		0	57077.12
1124844	24/08/2016	220110	29	N	1687.50	397612.14	6907760.11	1171.00	56993.09	99		0	56993.09
1124844	24/08/2016	220034	29	N	1700.00	397620.93	6907769.89	1171.00	56930.69	99		0	56930.69
1124844	24/08/2016	220006	29	N	1712.50	397628.13	6907780.66	1170.00	56937.16	99		0	56937.16
1124844	24/08/2016	215934	29	N	1725.00	397635.74	6907791.24	1169.00	56850.59	99		0	56850.59
1124844	24/08/2016	215906	29	N	1737.50	397642.74	6907801.02	1167.00	56866.62	99		0	56866.62
1124844	24/08/2016	215806	29	N	1750.00	397651.29	6907813.38	1167.00	56898.72	99		0	56898.72
1124844	24/08/2016	215722	29	N	1762.50	397658.47	6907823.63	1168.00	56914.74	99		0	56914.74
1124844	24/08/2016	215646	29	N	1775.00	397664.55	6907832.11	1167.00	57009.07	99		0	57009.07
1124844	24/08/2016	215614	29	N	1787.50	397671.83	6907844.27	1167.00	57111.86	99		0	57111.86
1124844	24/08/2016	215542	29	N	1800.00	397679.66	6907853.79	1165.00	56981.24	99		0	56981.24
1124844	24/08/2016	215442	29	N	1812.50	397687.73	6907862.72	1163.00	57026.6	99		0	57026.60
1124844	24/08/2016	215346	29	N	1825.00	397694.55	6907872.45	1161.00	56991.58	69		0	56991.58
1124844	24/08/2016	215406	29	N	1825.00	397694.33	6907872.27	1161.00	56990.39	69		1	
1124844	24/08/2016	215246	29	N	1837.50	397702.88	6907883.79	1160.00	57029.27	79		0	57029.27
1124844	24/08/2016	215210	29	N	1850.00	397709.90	6907894.08	1157.00	56937.84	99		0	56937.84
1124844	24/08/2016	215130	29	N	1862.50	397717.40	6907903.88	1153.00	56821.2	99		0	56821.20
1124844	24/08/2016	215042	29	N	1875.00	397725.39	6907912.63	1150.00	56896.04	99		0	56896.04
1124844	24/08/2016	214942	29	N	1887.50	397731.50	6907923.45	1150.00	57007.16	99		0	57007.16
1124844	24/08/2016	214842	29	N	1900.00	397739.24	6907932.41	1147.00	57079.26	49		0	57079.26
1124844	24/08/2016	214902	29	N	1900.00	397740.29	6907931.65	1148.00	57076.9	59		1	
1124844	24/08/2016	214754	29	N	1912.50	397747.78	6907941.87	1144.00	56972.27	99		0	56972.27
1124844	24/08/2016	214714	29	N	1925.00	397755.81	6907951.30	1140.00	56938.21	99		0	56938.21
1124844	24/08/2016	214618	29	N	1937.50	397763.04	6907959.68	1138.00	56960.62	99		0	56960.62
1124844	24/08/2016	214506	29	N	1950.00	397767.91	6907973.40	1134.00	57064.14	59		0	57064.14
1124844	24/08/2016	214526	29	N	1950.00	397768.42	6907973.33	1135.00	57046.52	69		2	
1124844	24/08/2016	213954	29	N	1962.50	397776.01	6907983.44	1136.00	57130.21	49		0	57130.21
1124844	24/08/2016	214010	29	N	1962.50	397776.12	6907982.42	1133.00	57093.46	69		2	
1124844	24/08/2016	214042	29	N	1962.50	397776.16	6907981.98	1132.00	57108.5	49		2	
1124844	24/08/2016	213914	29	N	1975.00	397781.65	6907991.07	1134.00	56980.49	79		0	56980.49
1124844	24/08/2016	213838	29	N	1987.50	397789.55	6908002.60	1135.00	56809.45	79		0	56809.45
1124844	24/08/2016	213738	29	N	2000.00	397796.98	6908012.75	1135.00	56824.67	49		0	56824.67
1124844	24/08/2016	213758	29	N	2000.00	397797.56	6908011.14	1134.00	56851.89	89		2	
1124844	24/08/2016	213702	29	N	2012.50	397805.16	6908022.43	1132.00	57158.1	99		0	57158.10
1124844	24/08/2016	213622	29	N	2025.00	397813.44	6908031.59	1133.00	57051.09	99		0	57051.09
1124844	24/08/2016	213538	29	N	2037.50	397818.66	6908042.73	1132.00	57028.99	99		0	57028.99
1124844	24/08/2016	213502	29	N	2050.00	397825.60	6908053.56	1130.00	56913.08	79		0	56913.08
1124844	24/08/2016	213426	29	N	2062.50	397829.92	6908064.42	1130.00	56825.93	99		0	56825.93
1124844	24/08/2016	213330	29	N	2075.00	397837.25	6908074.29	1129.00	56921.31	99		0	56921.31
1124844	24/08/2016	213110	29	N	2087.50	397844.51	6908084.46	1128.00	57058.7	59		0	57058.70
1124844	24/08/2016	213126	29	N	2087.50	397844.03	6908084.47	1127.00	56999	99		2	
1124844	24/08/2016	213030	29	N	2100.00	397850.26	6908098.14	1131.00	56983.54	99		0	56983.54
1124844	24/08/2016	212946	29	N	2112.50	397858.98	6908105.61	1127.00	56886.19	99		0	56886.19
1124844	24/08/2016	212902	29	N	2125.00	397865.75	6908113.18	1126.00	56887.08	99		0	56887.08
1124844	24/08/2016	212826	29	N	2137.50	397873.86	6908124.12	1125.00	56917.45	99		0	56917.45
1124844	24/08/2016	212746	29	N	2150.00	397881.12	6908134.03	1126.00	57024.34	99		0	57024.34
1124844	24/08/2016	212710	29	N	2162.50	397890.52	6908146.41	1129.00	57114.4	99		0	57114.40
1124844	24/08/2016	212626	29	N	2175.00	397897.17	6908154.48	1124.00	57084.39	99		0	57084.39
1124844	24/08/2016	212554	29	N	2187.50	397905.92	6908160.79	1120.00	57168.73	99		0	57168.73
1124844	24/08/2016	212514	29	N	2200.00	397910.68	6908171.68	1119.00	57191.55	99		0	57191.55
1124844	24/08/2016	212426	29	N	2212.50	397917.94	6908182.03	1118.00	57038.17	99		0	57038.17
1124844	24/08/2016	212342	29	N	2225.00	397923.32	6908191.93	1117.00	56883.64	99		0	56883.64
1124844	24/08/2016	212246	29	N	2237.50	397933.12	6908201.70	1114.00	56724.66	99		0	56724.66
1124844	24/08/2016	212214	29	N	2250.00	397940.47	6908210.66	1114.00	56764.98	79		0	56764.98
1124844	24/08/2016	212138	29	N	2262.50	397948.38	6908220.49	1111.00	56773.12	99		0	56773.12
1124844	24/08/2016	212102	29	N	2275.00	397955.86	6908229.77	1109.00	56834.74	99		0	56834.74
1124844	24/08/2016	212026	29	N	2287.50	397964.19	6908239.44	1106.00	56852.4	99		0	56852.40
1124844	24/08/2016	211946	29	N	2300.00	397968.88	6908249.50	1107.00	56871.84	99		0	56871.84
1124844	24/08/2016	211902	29	N	2312.50	397976.87	6908259.97	1107.00	56867.04	99		0	56867.04
1124844	24/08/2016	211818	29	N	2325.00	397982.17	6908271.87	1107.00	56853.88	99		0	56853.88
1124844	24/08/2016	211742	29	N	2337.50	397990.32	6908279.48	1105.00	56858.49	99		0	56858.49
1124844	24/08/2016	211642	29	N	2350.00	397996.51	6908288.65	1103.00	56833.41	99		0	56833.41
1124844	24/08/2016												

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8043082	24/08/2370	231414	31	N	550.00	397178.15	6906762.92	1150.00	56998.79	79		0	56998.79
8043081	24/08/2369	231334	31	N	562.50	397182.10	6906775.12	1149.00	56954.67	79		0	56954.67
8043080	24/08/2368	231254	31	N	575.00	397188.28	6906785.61	1147.00	57011.77	79		0	57011.77
8043079	24/08/2367	231002	31	N	587.50	397194.66	6906797.28	1144.00	56934.28	99		0	56934.28
8043078	24/08/2366	230858	31	N	600.00	397202.15	6906807.45	1144.00	57004.02	69		0	57004.02
8043077	24/08/2365	230826	31	N	612.50	397207.81	6906816.24	1142.00	56971.4	79		0	56971.40
8043076	24/08/2364	230738	31	N	625.00	397215.92	6906828.89	1141.00	56983.63	79		0	56983.63
8043075	24/08/2363	230658	31	N	637.50	397222.15	6906837.99	1139.00	56942.98	79		0	56942.98
8043074	24/08/2362	230618	31	N	650.00	397226.40	6906849.73	1137.00	56974.78	79		0	56974.78
8043073	24/08/2361	230534	31	N	662.50	397233.03	6906859.87	1135.00	56973.15	69		0	56973.15
8043072	24/08/2360	230458	31	N	675.00	397240.96	6906869.62	1133.00	57024.3	79		0	57024.30
8043071	24/08/2359	230426	31	N	687.50	397246.89	6906879.07	1131.00	57053.46	49		0	57053.46
8043070	24/08/2358	230322	31	N	700.00	397255.46	6906891.24	1129.00	56994.25	69		0	56994.25
8043069	24/08/2357	230246	31	N	712.50	397262.63	6906899.30	1127.00	56955.06	99		0	56955.06
8043068	24/08/2356	230206	31	N	725.00	397271.19	6906909.19	1126.00	56999.62	89		0	56999.62
8043067	24/08/2355	230126	31	N	737.50	397278.39	6906916.95	1125.00	56973.74	99		0	56973.74
8043066	24/08/2354	230050	31	N	750.00	397285.52	6906926.21	1124.00	56965.88	29		0	56965.88
8043065	24/08/2353	230006	31	N	762.50	397293.06	6906935.18	1123.00	57076.35	69		0	57076.35
8043064	24/08/2352	225930	31	N	775.00	397301.24	6906945.88	1121.00	57054.17	79		0	57054.17
8043063	24/08/2351	225854	31	N	787.50	397309.53	6906956.09	1120.00	56966.93	79		0	56966.93
8043062	24/08/2350	225818	31	N	800.00	397317.50	6906966.54	1119.00	57052.67	69		0	57052.67
8043061	24/08/2349	225742	31	N	812.50	397323.61	6906975.85	1118.00	57100.6	59		0	57100.60
8043060	24/08/2348	225658	31	N	825.00	397332.98	6906987.09	1118.00	57114.06	59		0	57114.06
8043059	24/08/2347	225614	31	N	837.50	397340.20	6906994.53	1117.00	57048.31	49		0	57048.31
8043058	24/08/2346	225518	31	N	850.00	397347.66	6907005.01	1116.00	57001.11	49		0	57001.11
8043057	24/08/2345	225430	31	N	862.50	397352.18	6907014.10	1116.00	57013.88	59		0	57013.88
8043056	24/08/2344	225350	31	N	875.00	397358.86	6907024.84	1116.00	57171.93	59		0	57171.93
8043055	24/08/2343	225038	31	N	887.50	397366.57	6907035.98	1116.00	57142.4	59		0	57142.40
8043054	24/08/2342	225002	31	N	900.00	397372.59	6907046.86	1115.00	57051.37	69		0	57051.37
8043053	24/08/2341	224922	31	N	912.50	397378.97	6907055.35	1116.00	56991.3	99		0	56991.30
8043051	24/08/2339	224834	31	N	925.00	397385.20	6907065.79	1116.00	57053.45	29		0	57053.45
8043052	24/08/2340	224850	31	N	925.00	397385.29	6907065.97	1116.00	57058.81	29		1	
8043050	24/08/2338	224758	31	N	937.50	397392.95	6907075.73	1115.00	56980.57	29		0	56980.57
8043049	24/08/2337	224722	31	N	950.00	397401.50	6907087.20	1115.00	56965.45	39		0	56965.45
8043048	24/08/2336	224630	31	N	962.50	397407.45	6907098.94	1114.00	57035.26	99		0	57035.26
8043046	24/08/2334	224542	31	N	975.00	397415.17	6907108.47	1115.00	56908.15	79	GPS at same location as 900, value very different, likely GPS failure	0	56908.15
8043047	24/08/2335	224602	31	N	975.00	397413.96	6907106.85	1115.00	56961.84	59		2	
8043045	24/08/2333	224438	31	N	987.50	397428.18	6907127.68	1114.00	56968.74	39		0	56968.74
8043044	24/08/2332	224310	31	N	1000.00	397435.72	6907139.26	1116.00	56794.43	59		0	56794.43
8043043	24/08/2331	224054	31	N	1012.50	397443.30	6907149.40	1117.00	56878.08	49		0	56878.08
8043042	24/08/2330	224022	31	N	1025.00	397449.69	6907158.78	1117.00	56746.39	39		0	56746.39
8043041	24/08/2329	223934	31	N	1037.50	397454.01	6907170.94	1118.00	56898.84	39		0	56898.84
8043040	24/08/2328	223902	31	N	1050.00	397460.71	6907181.35	1119.00	56981.42	79		0	56981.42
8043039	24/08/2327	223830	31	N	1062.50	397468.91	6907189.77	1119.00	56809.72	29		0	56809.72
8043038	24/08/2326	223746	31	N	1075.00	397474.83	6907202.35	1120.00	56768.81	29		0	56768.81
8043037	24/08/2325	223710	31	N	1087.50	397479.31	6907213.62	1123.00	56838.08	49		0	56838.08
8043036	24/08/2324	223638	31	N	1100.00	397484.86	6907224.04	1125.00	57004.3	59		0	57004.30
8043035	24/08/2323	223606	31	N	1112.50	397492.10	6907233.49	1124.00	57024.76	69		0	57024.76
8043034	24/08/2322	223534	31	N	1125.00	397499.53	6907243.15	1126.00	56878.34	29		0	56878.34
8043033	24/08/2321	223502	31	N	1137.50	397505.36	6907252.82	1126.00	56968.6	39		0	56968.60
8043032	24/08/2320	223422	31	N	1150.00	397512.48	6907264.93	1127.00	56984.54	49		0	56984.54
8043031	24/08/2319	223350	31	N	1162.50	397520.51	6907272.49	1126.00	57010.95	59		0	57010.95
8043030	24/08/2318	223314	31	N	1175.00	397527.12	6907281.43	1132.00	57001.05	39		0	57001.05
8043029	24/08/2317	223250	31	N	1187.50	397531.52	6907286.53	1132.00	57103.7	89		0	57103.70
8043027	24/08/2315	223158	31	N	1200.00	397542.54	6907294.75	1134.00	57061.99	19		2	
8043028	24/08/2316	223214	31	N	1200.00	397542.19	6907294.20	1133.00	57072.78	29		0	57072.78
8043026	24/08/2314	222938	31	N	1212.50	397552.24	6907308.92	1133.00	57230.93	29		0	57230.93
8043025	24/08/2313	222858	31	N	1225.00	397560.96	6907314.67	1137.00	57177.73	29		0	57177.73
8043024	24/08/2312	222814	31	N	1237.50	397565.31	6907321.63	1136.00	57277.49	69		0	57277.49
8043023	24/08/2311	222734	31	N	1250.00	397570.76	6907334.91	1138.00	57137.93	49		0	57137.93
8043022	24/08/2310	222702	31	N	1262.50	397575.98	6907350.21	1142.00	57188.2	39		0	57188.20
8043021	24/08/2309	222626	31	N	1275.00	397582.67	6907361.29	1144.00	57212.43	69		0	57212.43
8043020	24/08/2308	222550	31	N	1287.50	397587.90	6907367.86	1147.00	57014.25	29		0	57014.25
8043019	24/08/2307	222518	31	N	1300.00	397598.92	6907376.98	1154.00	57264.82	49		0	57264.82
8043018	24/08/2306	222446	31	N	1312.50	397606.27	6907385.14	1150.00	56845.87	29		0	56845.87
8043017	24/08/2305	222410	31	N	1325.00	397616.38	6907394.67	1147.00	56802.35	59		0	56802.35
8043016	24/08/2304	222338	31	N	1337.50	397625.35	6907401.78	1152.00	56912.26	49		0	56912.26
8043015	24/08/2303	222306	31	N	1350.00	397631.64	6907411.51	1152.00	56870.95	49		0	56870.95
8043014	24/08/2302	222234	31	N	1362.50	397634.93	6907424.57	1154.00	57063.79	39		0	57063.79
8043013	24/08/2301	222202	31	N	1375.00	397639.66	6907433.58	1154.00	56907.68	39		0	56907.68
8043012	24/08/2300	222130	31	N	1387.50	397646.66	6907443.69	1156.00	56763.56	39		0	56763.56
8043011	24/08/2299	222058	31	N	1400.00	397653.22	6907453.07	1163.00	56931.81	39		0	56931.81
8043009	24/08/2297	222002	31	N	1412.50	397662.22	6907465.23	1164.00	57104.67	29		0	57104.67
8043010	24/08/2298	222018	31	N	1412.50	397662.47	6907465.04	1165.00	57099.62	29		1	
8043008	24/08/2296	221930	31	N	1425.00	397669.93	6907474.84	1163.00	57080.93	39		0	57080.93
8043007	24/08/2295	221858	31	N	1437.50	397674.36	6907485.65	1166.00	56948.04	49		0	56948.04
8043006	24/08/2294	221818	31	N	1450.00	397681.10	6907495.93	1168.00	56911.31	39		0	56911.31
8043005	24/08/2293	221750	31	N	1462.50	397687.66	6907504.90	1172.00	57011.04	59		0	57011.04
8043004	24/08/2292	221726	31	N	1475.00	397691.14	6907510.31	1173.00	57062.83	39		0	57062.83
8043003	24/08/2291	221650	31	N	1487.50	397697.61	6907521.48	1175.00	57043.9	49		0	57043.90
8043002	24/08/2290	221614	31	N	1500.00	397708.15	6907529.17	1177.00	57024.18	49		0	57024.18

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042945	24/08/2233	213102	31	N	2150.00	398065.60	6908041.74	1065.00	56496.73	29		0	56496.73
8042946	24/08/2234	213118	31	N	2150.00	398065.40	6908041.64	1062.00	56482.73	29		2	
8042947	24/08/2235	213134	31	N	2150.00	398066.81	6908042.39	1061.00	56454.83	19		2	
8042944	24/08/2232	213022	31	N	2162.50	398074.85	6908052.49	1068.00	56935.17	49		0	56935.17
8042943	24/08/2231	212942	31	N	2175.00	398078.57	6908057.70	1067.00	56749.44	89		0	56749.44
8042942	24/08/2230	212850	31	N	2187.50	398082.60	6908066.35	1066.00	56938.26	59		0	56938.26
8042940	24/08/2228	212758	31	N	2200.00	398087.82	6908074.16	1064.00	56815.86	29		0	56815.86
8042941	24/08/2229	212814	31	N	2200.00	398088.46	6908072.61	1066.00	56789.58	29		2	
8042939	24/08/2227	212658	31	N	2212.50	398097.81	6908087.17	1065.00	56764.99	39		0	56764.99
8042938	24/08/2226	212622	31	N	2225.00	398102.61	6908094.80	1067.00	56977.42	59		0	56977.42
8042937	24/08/2225	212546	31	N	2237.50	398111.85	6908105.74	1061.00	56787.07	29		0	56787.07
8042934	24/08/2222	212430	31	N	2250.00	398120.00	6908116.67	1064.00	57161.57	29		0	57161.57
8042935	24/08/2223	212458	31	N	2250.00	398118.18	6908116.05	1062.00	56904.56	39		2	
8042936	24/08/2224	212514	31	N	2250.00	398119.00	6908116.27	1062.00	56888.12	39		2	
8042933	24/08/2221	212342	31	N	2262.50	398124.34	6908127.89	1062.00	57092.53	79		0	57092.53
8042931	24/08/2219	212250	31	N	2275.00	398128.63	6908138.26	1060.00	56902.24	59		0	56902.24
8042932	24/08/2220	212306	31	N	2275.00	398129.00	6908137.14	1059.00	56883.1	59		2	
8042930	24/08/2218	212214	31	N	2287.50	398135.33	6908153.16	1061.00	56752.89	89		0	56752.89
8042929	24/08/2217	212130	31	N	2300.00	398142.03	6908159.06	1058.00	56822.53	99		0	56822.53
8042928	24/08/2216	212034	31	N	2312.50	398151.54	6908169.32	1053.00	56813.56	59		0	56813.56
8042927	24/08/2215	211954	31	N	2325.00	398159.46	6908177.00	1050.00	56722.39	49		0	56722.39
8042926	24/08/2214	211914	31	N	2337.50	398166.90	6908186.21	1049.00	56703.83	59		0	56703.83
8042925	24/08/2213	211818	31	N	2350.00	398173.24	6908195.11	1049.00	56857.08	59		0	56857.08
8042924	24/08/2212	211738	31	N	2362.50	398185.18	6908204.40	1051.00	56640.84	39		0	56640.84
8042922	24/08/2210	211654	31	N	2375.00	398188.92	6908214.56	1051.00	56627.98	59		0	56627.98
8042923	24/08/2211	211710	31	N	2375.00	398188.28	6908215.26	1051.00	56609.3	49		2	
8042728	26/08/2016	170742	33	N	0.00	397028.77	6906214.51	1135.00	56771.58	59		1	
8042728	26/08/2016	170758	33	N	0.00	397028.80	6906214.41	1134.00	56772.63	59		1	
8042728	26/08/2016	170814	33	N	0.00	397029.28	6906215.49	1136.00	56776.55	59		1	
8042728	26/08/2016	170838	33	N	0.00	397028.93	6906215.78	1134.00	56762.41	59	better data fit	0	56762.41
8042728	26/08/2016	170942	33	N	12.50	397040.31	6906228.46	1139.00	56705.02	99		0	56705.02
8042728	26/08/2016	171126	33	N	25.00	397041.65	6906237.07	1147.00	56820.51	99		0	56820.51
8042728	26/08/2016	171234	33	N	37.50	397048.82	6906243.16	1146.00	56858.56	79		0	56858.56
8042728	26/08/2016	171354	33	N	50.00	397057.03	6906252.28	1152.00	56785.7	69		0	56785.70
8042728	26/08/2016	171442	33	N	62.50	397063.23	6906261.39	1153.00	56776.4	79		0	56776.40
8042728	26/08/2016	171530	33	N	75.00	397070.49	6906273.66	1152.00	56664.52	79		0	56664.52
8042728	26/08/2016	171622	33	N	87.50	397077.37	6906280.47	1152.00	56779.18	39		0	56779.18
8042728	26/08/2016	171722	33	N	100.00	397083.36	6906294.70	1158.00	56798.7	79		0	56798.70
8042728	26/08/2016	171814	33	N	112.50	397089.23	6906306.48	1162.00	56684.7	39		0	56684.70
8042728	26/08/2016	171850	33	N	125.00	397096.29	6906316.54	1163.00	56813.81	69		0	56813.81
8042728	26/08/2016	171938	33	N	137.50	397104.97	6906326.08	1166.00	56917.11	99		0	56917.11
8042728	26/08/2016	172014	33	N	150.00	397113.17	6906332.65	1167.00	56776.37	79		0	56776.37
8042728	26/08/2016	172054	33	N	162.50	397124.52	6906340.30	1168.00	56876.62	89		0	56876.62
8042728	26/08/2016	172134	33	N	175.00	397134.88	6906347.76	1170.00	56670.52	69		0	56670.52
8042728	26/08/2016	172258	33	N	187.50	397137.68	6906358.37	1170.00	56676.62	69		0	56676.62
8042728	26/08/2016	172402	33	N	200.00	397141.47	6906369.80	1175.00	56817.99	79		0	56817.99
8042728	26/08/2016	172442	33	N	212.50	397149.94	6906378.83	1171.00	56755.7	49	best point	0	56755.70
8042728	26/08/2016	172458	33	N	212.50	397149.79	6906378.98	1172.00	56988.77	49		2	
8042728	26/08/2016	172514	33	N	212.50	397149.98	6906378.25	1171.00	56713.12	39		2	
8042728	26/08/2016	172606	33	N	225.00	397159.06	6906391.15	1174.00	56744.68	69		0	56744.68
8042728	26/08/2016	172658	33	N	237.50	397167.38	6906403.38	1174.00	56715.5	59		0	56715.50
8042728	26/08/2016	172738	33	N	250.00	397173.69	6906413.07	1175.00	56750.3	79		0	56750.30
8042728	26/08/2016	172914	33	N	262.50	397178.15	6906422.25	1176.00	56731.12	69		0	56731.12
8042728	26/08/2016	172946	33	N	275.00	397182.01	6906429.83	1175.00	56753.86	69		0	56753.86
8042728	26/08/2016	173058	33	N	287.50	397189.51	6906439.23	1177.00	56671.4	59	better signal	0	56671.40
8042728	26/08/2016	173118	33	N	287.50	397189.94	6906439.54	1176.00	56651.7	49		2	
8042728	26/08/2016	173158	33	N	300.00	397200.08	6906450.15	1177.00	56701.64	49		0	56701.64
8042728	26/08/2016	173234	33	N	312.50	397207.19	6906460.25	1178.00	56820.93	49		2	
8042728	26/08/2016	173258	33	N	312.50	397207.14	6906460.38	1178.00	56828.28	49		1	
8042728	26/08/2016	173318	33	N	312.50	397207.14	6906460.39	1178.00	56809.2	69	better signa;	0	56809.20
8042728	26/08/2016	173554	33	N	325.00	397211.38	6906468.65	1179.00	56738.96	89		0	56738.96
8042728	26/08/2016	173630	33	N	337.50	397219.06	6906480.72	1181.00	56703.35	99		0	56703.35
8042728	26/08/2016	173706	33	N	350.00	397225.83	6906490.58	1181.00	56654.96	39		0	56654.96
8042728	26/08/2016	173822	33	N	362.50	397232.35	6906499.09	1181.00	56699.24	69		0	56699.24
8042728	26/08/2016	173918	33	N	375.00	397238.74	6906510.37	1182.00	56740.45	39		0	56740.45
8042728	26/08/2016	173958	33	N	387.50	397246.32	6906524.48	1183.00	56700.66	39	better fit	0	56700.66
8042728	26/08/2016	174018	33	N	387.50	397246.41	6906524.66	1183.00	56780.35	99		2	
8042728	26/08/2016	174110	33	N	400.00	397253.71	6906536.58	1183.00	56717.04	99		0	56717.04
8042728	26/08/2016	174154	33	N	412.50	397257.96	6906542.30	1183.00	56726.13	99		0	56726.13
8042728	26/08/2016	174234	33	N	425.00	397264.71	6906550.47	1182.00	56711.99	59		0	56711.99
8042728	26/08/2016	174314	33	N	437.50	397273.32	6906560.45	1181.00	56697.97	49		0	56697.97
8042728	26/08/2016	174350	33	N	450.00	397280.32	6906570.42	1180.00	56710.52	69		0	56710.52
8042728	26/08/2016	174422	33	N	462.50	397287.64	6906579.73	1181.00	56728.42	79		0	56728.42
8042728	26/08/2016	174510	33	N	475.00	397297.08	6906589.79	1181.00	56620.98	59		1	
8042728	26/08/2016	174534	33	N	475.00	397297.00	6906590.27	1181.00	56685.93	59		2	
8042728	26/08/2016	174602	33	N	475.00	397296.85	6906589.97	1181.00	56671.34	59	better data fit	0	56671.34
8042728	26/08/2016	174742	33	N	487.50	397304.16	6906599.09	1181.00	56618.24	39		0	56618.24
8042728	26/08/2016	174818	33	N	500.00	397312.51	6906609.66	1181.00	56674.9	39		2	
8042728	26/08/2016	174838	33	N	500.00	397312.63	6906610.01	1181.00	56690.53	59		0	56690.53
8042728	26/08/2016	174914	33	N	512.50	397320.40	6906617.90	1180.00	56656.12	59		0	56656.12
8042728	26/08/2016	174938	33	N	512.50	397320.54	6906617.89	1180.00	56647.58	29	bad point	1	
8042728	26/08/2016	175022	33	N	525.00	397326.70	6906626.71	1180.00	56674.2	49		0	56674.20
8042728	26/08/												

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	26/08/2016	182506	33	N	975.00	397570.70	6906995.10	1127.00	56823.14	59		2	
8042728	26/08/2016	182546	33	N	987.50	397576.23	6907006.00	1127.00	56845.66	99		0	56845.66
8042728	26/08/2016	182630	33	N	1000.00	397583.57	6907017.63	1125.00	56839.53	59		1	
8042728	26/08/2016	182646	33	N	1000.00	397583.95	6907017.74	1125.00	56841.5	89	bette GPS	0	56841.50
8042728	26/08/2016	182722	33	N	1012.50	397590.30	6907026.55	1125.00	56823.42	99		0	56823.42
8042728	26/08/2016	182930	33	N	1025.00	397598.50	6907038.29	1124.00	56682.89	59		2	
8042728	26/08/2016	183002	33	N	1025.00	397598.13	6907037.39	1123.00	56849.01	99		0	56849.01
8042728	26/08/2016	183018	33	N	1025.00	397598.12	6907037.32	1123.00	56848.94	99		1	
8042728	26/08/2016	183122	33	N	1037.50	397605.55	6907045.75	1123.00	56862.18	99		0	56862.18
8042728	26/08/2016	183214	33	N	1050.00	397613.28	6907055.86	1123.00	56794.93	69		0	56794.93
8042728	26/08/2016	183258	33	N	1062.50	397622.08	6907066.09	1121.00	56846.05	9		9	
8042728	26/08/2016	183314	33	N	1062.50	397622.18	6907066.81	1122.00	56843.44	19	Maybe bad	0	56843.44
8042728	26/08/2016	183330	33	N	1062.50	397622.18	6907066.90	1123.00	56834.89	9		9	
8042728	26/08/2016	183414	33	N	1075.00	397629.98	6907078.65	1122.00	56872.55	9		0	56872.55
8042728	26/08/2016	183454	33	N	1087.50	397636.66	6907089.33	1122.00	56862.8	19		2	
8042728	26/08/2016	183510	33	N	1087.50	397636.46	6907089.38	1123.00	56832.7	29		0	56832.70
8042728	26/08/2016	183546	33	N	1100.00	397642.71	6907098.65	1121.00	56840.98	79		0	56840.98
8042728	26/08/2016	183622	33	N	1112.50	397650.59	6907106.60	1122.00	56745.1	49		0	56745.10
8042728	26/08/2016	183654	33	N	1125.00	397659.35	6907114.93	1121.00	56833.3	89		0	56833.30
8042728	26/08/2016	183758	33	N	1137.50	397668.46	6907124.17	1121.00	56793.02	99		0	56793.02
8042728	26/08/2016	183834	33	N	1150.00	397675.33	6907135.25	1120.00	56853.62	99		0	56853.62
8042728	26/08/2016	183922	33	N	1162.50	397682.28	6907144.09	1121.00	56831.78	99		0	56831.78
8042728	26/08/2016	184014	33	N	1175.00	397689.07	6907152.95	1121.00	56927.73	99		0	56927.73
8042728	26/08/2016	184054	33	N	1187.50	397696.90	6907163.44	1122.00	56852.58	89		0	56852.58
8042728	26/08/2016	184138	33	N	1200.00	397707.06	6907178.16	1125.00	56960.97	99		0	56960.97
8042728	26/08/2016	184210	33	N	1212.50	397712.12	6907183.53	1123.00	56945.69	99		0	56945.69
8042728	26/08/2016	184246	33	N	1225.00	397718.30	6907194.79	1124.00	56934.52	99		0	56934.52
8042728	26/08/2016	184322	33	N	1237.50	397724.70	6907205.62	1125.00	57016.73	99		0	57016.73
8042728	26/08/2016	184410	33	N	1250.00	397731.60	6907214.20	1128.00	56992.29	99		0	56992.29
8042728	26/08/2016	184458	33	N	1262.50	397739.59	6907223.78	1127.00	57022.68	99		0	57022.68
8042728	26/08/2016	184538	33	N	1275.00	397746.64	6907235.72	1126.00	57030.48	99		0	57030.48
8042728	26/08/2016	184622	33	N	1287.50	397752.96	6907243.56	1132.00	57015.09	79		0	57015.09
8042728	26/08/2016	184658	33	N	1300.00	397760.84	6907252.75	1130.00	57004.99	99		0	57004.99
8042728	26/08/2016	184742	33	N	1312.50	397768.16	6907261.84	1132.00	56977.22	99		0	56977.22
8042728	26/08/2016	185110	33	N	1325.00	397779.71	6907276.43	1137.00	56940.21	99		0	56940.21
8042728	26/08/2016	185146	33	N	1337.50	397779.23	6907284.05	1134.00	56898.87	89		0	56898.87
8042728	26/08/2016	185226	33	N	1350.00	397787.33	6907293.07	1135.00	56912.23	99		0	56912.23
8042728	26/08/2016	185334	33	N	1362.50	397794.77	6907309.74	1138.00	56777.48	99		0	56777.48
8042728	26/08/2016	185430	33	N	1375.00	397799.12	6907315.13	1136.00	56746.37	99		0	56746.37
8042728	26/08/2016	185506	33	N	1387.50	397808.75	6907327.32	1138.00	56843.19	99		0	56843.19
8042728	26/08/2016	185546	33	N	1400.00	397816.53	6907335.35	1139.00	56951.21	99		0	56951.21
8042728	26/08/2016	185618	33	N	1412.50	397821.55	6907344.38	1144.00	56942.6	99		0	56942.60
8042728	26/08/2016	185722	33	N	1425.00	397830.99	6907354.50	1142.00	56995.63	99		0	56995.63
8042728	26/08/2016	185810	33	N	1437.50	397838.99	6907363.43	1142.00	56982.42	99		0	56982.42
8042728	26/08/2016	185858	33	N	1450.00	397845.90	6907371.01	1146.00	56873.92	89		0	56873.92
8042728	26/08/2016	185934	33	N	1462.50	397851.34	6907383.97	1147.00	56932.57	99		0	56932.57
8042728	26/08/2016	190006	33	N	1475.00	397860.28	6907394.41	1145.00	56827.04	99		0	56827.04
8042728	26/08/2016	190050	33	N	1487.50	397865.39	6907407.67	1155.00	56929.53	99		0	56929.53
8042728	26/08/2016	190122	33	N	1500.00	397870.91	6907413.64	1150.00	56931.52	99		0	56931.52
8042728	26/08/2016	190346	33	N	1512.50	397877.80	6907426.61	1152.00	57016.09	99		0	57016.09
8042728	26/08/2016	190422	33	N	1525.00	397882.70	6907437.80	1166.00	57157.24	99		0	57157.24
8042728	26/08/2016	190502	33	N	1537.50	397891.92	6907446.30	1158.00	57248.28	99		0	57248.28
8042728	26/08/2016	190542	33	N	1550.00	397898.78	6907453.92	1154.00	57146.57	99		0	57146.57
8042728	26/08/2016	190714	33	N	1562.50	397904.51	6907464.40	1160.00	57228.79	99		0	57228.79
8042728	26/08/2016	191002	33	N	1575.00	397914.29	6907474.58	1156.00	57193.71	99		0	57193.71
8042728	26/08/2016	191034	33	N	1587.50	397920.76	6907485.75	1158.00	57238.3	99		0	57238.30
8042728	26/08/2016	191110	33	N	1600.00	397928.80	6907498.12	1157.00	57113.33	99		0	57113.33
8042728	26/08/2016	191150	33	N	1612.50	397934.51	6907507.74	1156.00	56842.78	99		0	56842.78
8042728	26/08/2016	191254	33	N	1625.00	397940.82	6907516.90	1157.00	56809.05	79		0	56809.05
8042728	26/08/2016	191326	33	N	1637.50	397946.48	6907527.06	1155.00	56996.28	69		0	56996.28
8042728	26/08/2016	191354	33	N	1650.00	397951.88	6907535.17	1151.00	57009.71	69		0	57009.71
8042728	26/08/2016	191438	33	N	1662.50	397960.04	6907548.25	1149.00	57136.02	99		0	57136.02
8042728	26/08/2016	191506	33	N	1675.00	397968.19	6907560.36	1148.00	57103.08	99		0	57103.08
8042728	26/08/2016	191534	33	N	1687.50	397975.11	6907567.85	1147.00	57044.04	79		0	57044.04
8042728	26/08/2016	191606	33	N	1700.00	397983.63	6907578.24	1146.00	57006.14	69		0	57006.14
8042728	26/08/2016	191646	33	N	1712.50	397988.43	6907588.29	1146.00	56843.17	59		0	56843.17
8042728	26/08/2016	191718	33	N	1725.00	397996.51	6907595.75	1141.00	56978.33	69		0	56978.33
8042728	26/08/2016	191750	33	N	1737.50	398000.80	6907606.26	1143.00	56925.94	99		0	56925.94
8042728	26/08/2016	191826	33	N	1750.00	398007.72	6907616.81	1138.00	56751.83	99		0	56751.83
8042728	26/08/2016	191914	33	N	1762.50	398015.94	6907624.10	1134.00	56695.46	89		0	56695.46
8042728	26/08/2016	191950	33	N	1775.00	398026.48	6907636.58	1135.00	56821.85	99		0	56821.85
8042728	26/08/2016	192038	33	N	1787.50	398030.04	6907648.84	1134.00	56838.15	89		0	56838.15
8042728	26/08/2016	192114	33	N	1800.00	398035.39	6907657.85	1133.00	56760.11	99		0	56760.11
8042728	26/08/2016	192146	33	N	1812.50	398042.29	6907667.31	1130.00	56728.21	69		0	56728.21
8042728	26/08/2016	192218	33	N	1825.00	398049.48	6907680.54	1132.00	56740.14	69		0	56740.14
8042728	26/08/2016	192254	33	N	1837.50	398059.04	6907691.50	1127.00	56868.44	49		2	
8042728	26/08/2016	192310	33	N	1837.50	398058.63	6907692.20	1127.00	56927.67	99		0	56927.67
8042728	26/08/2016	192410	33	N	1850.00	398068.54	6907703.58	1130.00	57007.17	79		0	57007.17
8042728	26/08/2016	192546	33	N	1862.50	398071.77	6907706.50	1123.00	57067.23	99	Very Close to previous station, GPS poor	0	57067.23
8042728	26/08/2016	192658	33	N	1875.00	398082.24	6907720.29	1120.00	57014.82	69		0	57014.82
8042728	26/08/2016	192750	33	N	1887.50	398089.08	6907730.48	1120.00	57113.23	39		2	
804272													

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	26/08/2016	172558	35	N	112.5	397249.65	6906180.8	1178	56931.56	99		0	56931.56
1124844	26/08/2016	172650	35	N	125	397258.57	6906190.1	1180	56891.74	99		0	56891.74
1124844	26/08/2016	172738	35	N	137.5	397266.08	6906198.47	1181	56945.76	99		0	56945.76
1124844	26/08/2016	172810	35	N	150	397273.4	6906206.6	1181	56870.35	99		0	56870.35
1124844	26/08/2016	172854	35	N	162.5	397278.7	6906219.01	1183	56907.69	99		0	56907.69
1124844	26/08/2016	172942	35	N	175	397286.69	6906228.93	1185	56913.77	99		0	56913.77
1124844	26/08/2016	173538	35	N	187.5	397293.49	6906239.51	1185	56940.26	99		0	56940.26
1124844	26/08/2016	173610	35	N	187.5	397298.48	6906249.9	1187	56915.3	99	Bad point	9	
1124844	26/08/2016	173642	35	N	200	397302.96	6906261.39	1189	56939.92	99		0	56939.92
1124844	26/08/2016	173742	35	N	212.5	397313.96	6906269.92	1192	56946.26	99		0	56946.26
1124844	26/08/2016	173818	35	N	225	397319.31	6906279.82	1192	56928.22	99		0	56928.22
1124844	26/08/2016	173854	35	N	237.5	397327.36	6906289.61	1194	56984.28	99		0	56984.28
1124844	26/08/2016	173930	35	N	250	397335.24	6906299.3	1196	56934.44	99		0	56934.44
1124844	26/08/2016	174010	35	N	262.5	397340.93	6906308.43	1198	56962.56	99		0	56962.56
1124844	26/08/2016	174102	35	N	275	397347.43	6906322.47	1198	56928.71	99		0	56928.71
1124844	26/08/2016	174202	35	N	287.5	397352.57	6906330.53	1199	57000.1	99		0	57000.1
1124844	26/08/2016	174234	35	N	300	397361.36	6906340.48	1200	57076.17	99		0	57076.17
1124844	26/08/2016	174306	35	N	312.5	397368.85	6906349.15	1201	57002.04	99		0	57002.04
1124844	26/08/2016	174354	35	N	325	397376.41	6906360.4	1202	57085.27	99		0	57085.27
1124844	26/08/2016	174438	35	N	337.5	397384.89	6906371.49	1202	57071.6	99		0	57071.60
1124844	26/08/2016	174518	35	N	350	397392.96	6906380.47	1203	57088.68	99		0	57088.68
1124844	26/08/2016	174546	35	N	362.5	397399.84	6906389.67	1204	57078.15	99		0	57078.15
1124844	26/08/2016	174810	35	N	375	397407.22	6906400.13	1205	57005.12	99		0	57005.12
1124844	26/08/2016	174842	35	N	387.5	397412.14	6906411.66	1206	57069.15	99		0	57069.15
1124844	26/08/2016	174910	35	N	400	397419.14	6906419.76	1206	57065.97	99		0	57065.97
1124844	26/08/2016	174942	35	N	412.5	397427.65	6906430.66	1207	56954.4	99		0	56954.40
1124844	26/08/2016	175022	35	N	425	397435.04	6906440.83	1208	57009.99	99		0	57009.99
1124844	26/08/2016	175050	35	N	437.5	397441.39	6906452.33	1207	57054.74	99		0	57054.74
1124844	26/08/2016	175126	35	N	450	397448.92	6906461.73	1207	57039.97	99		0	57039.97
1124844	26/08/2016	175158	35	N	462.5	397457.79	6906471.16	1207	57074.33	99		0	57074.33
1124844	26/08/2016	175246	35	N	475	397463.49	6906481.23	1207	57075.44	99		0	57075.44
1124844	26/08/2016	175318	35	N	487.5	397471.17	6906492.72	1207	57109.38	99		0	57109.38
1124844	26/08/2016	175442	35	N	500	397478.57	6906501.74	1206	57052.46	99		0	57052.46
1124844	26/08/2016	175510	35	N	512.5	397484.74	6906512.63	1205	57010.78	99		0	57010.78
1124844	26/08/2016	175542	35	N	525	397490.88	6906523.52	1205	57008.09	99		0	57008.09
1124844	26/08/2016	175610	35	N	537.5	397498.81	6906533.46	1204	57135.44	99		0	57135.44
1124844	26/08/2016	175642	35	N	550	397505	6906544.46	1203	57009.65	99		0	57009.65
1124844	26/08/2016	175710	35	N	562.5	397512.09	6906554.72	1202	57068.51	99		0	57068.51
1124844	26/08/2016	175754	35	N	575	397519.08	6906565.85	1200	57066.26	99		0	57066.26
1124844	26/08/2016	175838	35	N	587.5	397525.59	6906575.39	1200	56946.04	99		0	56946.04
1124844	26/08/2016	175922	35	N	600	397533	6906584.8	1199	57067.57	99		0	57067.57
1124844	26/08/2016	175950	35	N	612.5	397538.72	6906593.13	1197	56913.61	99		0	56913.61
1124844	26/08/2016	180022	35	N	625	397546.89	6906604.25	1196	56937.33	99		0	56937.33
1124844	26/08/2016	180102	35	N	637.5	397554.91	6906614.36	1195	56992.86	59	bad point	2	
1124844	26/08/2016	180122	35	N	637.5	397555.08	6906614.19	1195	56942.78	99		0	56942.78
1124844	26/08/2016	180154	35	N	650	397559.91	6906626.05	1193	56988.78	99		0	56988.78
1124844	26/08/2016	180242	35	N	662.5	397567.8	6906636.17	1191	57021.33	99		0	57021.33
1124844	26/08/2016	180334	35	N	675	397574.43	6906645.55	1191	57068.01	99		0	57068.01
1124844	26/08/2016	180418	35	N	687.5	397581.4	6906655.89	1189	56999.39	99		0	56999.39
1124844	26/08/2016	180502	35	N	700	397590.27	6906665.17	1189	56970.58	99		0	56970.58
1124844	26/08/2016	180546	35	N	712.5	397597.77	6906675.14	1186	56994.71	99		0	56994.71
1124844	26/08/2016	180622	35	N	725	397606.97	6906683.94	1185	56926.84	99		0	56926.84
1124844	26/08/2016	180702	35	N	737.5	397613.25	6906694.42	1183	57030.09	99		0	57030.09
1124844	26/08/2016	180758	35	N	750	397618.33	6906703.46	1181	56938.76	99		0	56938.76
1124844	26/08/2016	180826	35	N	762.5	397625.79	6906712.31	1179	56929.41	99		0	56929.41
1124844	26/08/2016	180902	35	N	775	397635.67	6906726.85	1179	56962.73	99		0	56962.73
1124844	26/08/2016	180926	35	N	787.5	397641.13	6906733.16	1178	56916.25	99		0	56916.25
1124844	26/08/2016	181018	35	N	800	397648.29	6906743.9	1176	56940.91	99		0	56940.91
1124844	26/08/2016	181054	35	N	812.5	397655.45	6906752.69	1175	56850.38	99		0	56850.38
1124844	26/08/2016	181126	35	N	825	397662.36	6906763.37	1172	56933.98	99		0	56933.98
1124844	26/08/2016	181214	35	N	837.5	397669.54	6906774.2	1172	56944.62	99		0	56944.62
1124844	26/08/2016	181302	35	N	850	397673.48	6906783.83	1171	57055.03	89		0	57055.03
1124844	26/08/2016	181346	35	N	862.5	397681.73	6906792.16	1171	57072.85	59		2	
1124844	26/08/2016	181430	35	N	862.5	397682.21	6906792.36	1170	57095.27	99	Better signal	0	57095.27
1124844	26/08/2016	181502	35	N	875	397689.66	6906800.73	1169	56965.15	99		0	56965.15
1124844	26/08/2016	181546	35	N	887.5	397694.64	6906812.56	1166	56940.36	99		0	56940.36
1124844	26/08/2016	181618	35	N	900	397701.74	6906821.48	1164	56834.64	99		0	56834.64
1124844	26/08/2016	181858	35	N	912.5	397709.02	6906832.25	1163	56883.62	99		0	56883.62
1124844	26/08/2016	181946	35	N	925	397716.64	6906842.48	1161	56948.76	99		0	56948.76
1124844	26/08/2016	182018	35	N	937.5	397724.4	6906852.09	1159	57021.45	99		0	57021.45
1124844	26/08/2016	182046	35	N	950	397730.86	6906863.66	1157	57027.98	99		0	57027.98
1124844	26/08/2016	182118	35	N	962.5	397738.18	6906872.01	1155	56977.36	99		0	56977.36
1124844	26/08/2016	182146	35	N	975	397744.59	6906881.63	1153	56976.75	99		0	56976.75
1124844	26/08/2016	182230	35	N	987.5	397751.82	6906892.53	1151	57048.17	69		2	
1124844	26/08/2016	182246	35	N	987.5	397751.4	6906892.46	1151	57062.21	69	better fit	0	57062.21
1124844	26/08/2016	182322	35	N	1000	397757.11	6906902.22	1149	57049.4	89		0	57049.40
1124844	26/08/2016	182402	35	N	1012.5	397766.98	6906912.54	1147	57117.07	99		0	57117.07
1124844	26/08/2016	182438	35	N	1025	397771.24	6906921.75	1146	57131.78	99		0	57131.78
1124844	26/08/2016	182514	35	N	1037.5	397777.1	6906932.13	1144	57071.06	79		0	57071.06
1124844	26/08/2016	182614	35	N	1050	397783.55	6906941.25	1141	57026.54	99		0	57026.54
1124844	26/08/2016	182658	35	N	1062.5	397789.67	6906951.97	1138	56960.39	99		0	56960.39
1124844	26/08/2016	182746	35	N	1075	397796.61	6906961.25	1136	57049.8	99		0	57049.80
1124844	26/08/2016	182822	35	N	1087.5	397803.89	6906971.67	1133	57056.99	99		0	57056.99
1124844	26/08/2016	182854	35	N	1100	397810.53	6906981.67	1132	57028.75	99		0	57028.75
1124844	26/08/2												

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	26/08/2016	191746	35	N	1712.5	398157.32	6907471.34	1111	57022.28	99		0	57022.28
1124844	26/08/2016	191834	35	N	1725	398165.41	6907481.92	1110	57084.48	99		0	57084.48
1124844	26/08/2016	191942	35	N	1737.5	398172.27	6907491.57	1109	56813.51	99		0	56813.51
1124844	26/08/2016	192014	35	N	1750	398179.56	6907503.87	1109	56878.26	99		0	56878.26
1124844	26/08/2016	192050	35	N	1762.5	398186.85	6907514.97	1108	56805.11	99		0	56805.11
1124844	26/08/2016	192118	35	N	1775	398192.62	6907522.74	1104	56985.21	99		0	56985.21
1124844	26/08/2016	192150	35	N	1787.5	398198.88	6907531.57	1103	57005.74	99		0	57005.74
1124844	26/08/2016	192226	35	N	1800	398205.75	6907543.49	1100	57037.14	99		0	57037.14
1124844	26/08/2016	192322	35	N	1812.5	398210.29	6907553.96	1098	56906	99		0	56906.00
1124844	26/08/2016	192358	35	N	1825	398214.76	6907565.91	1097	56791.31	99		0	56791.31
1124844	26/08/2016	192438	35	N	1837.5	398221.18	6907576.48	1094	56817.68	99		0	56817.68
1124844	26/08/2016	192510	35	N	1850	398227.51	6907584.06	1090	56879.53	99		0	56879.53
1124844	26/08/2016	192542	35	N	1862.5	398232.89	6907596.84	1088	56808.64	99		0	56808.64
1124844	26/08/2016	192622	35	N	1875	398242.45	6907605.35	1088	56731.22	99		0	56731.22
1124844	26/08/2016	192654	35	N	1887.5	398248.79	6907615.13	1086	56726.97	99		0	56726.97
1124844	26/08/2016	192730	35	N	1900	398255.35	6907627.61	1085	56739.47	99		0	56739.47
1124844	26/08/2016	193046	35	N	1912.5	398265.53	6907634.99	1081	56765.63	99		0	56765.63
1124844	26/08/2016	193130	35	N	1925	398271.4	6907643.85	1079	56777.37	99		0	56777.37
1124844	26/08/2016	193202	35	N	1937.5	398278.49	6907653.67	1078	56895.3	99		0	56895.30
1124844	26/08/2016	193234	35	N	1950	398288.01	6907661.1	1076	56921.03	79		0	56921.03
1124844	26/08/2016	193302	35	N	1962.5	398296.42	6907669.9	1074	56802.81	99		0	56802.81
1124844	26/08/2016	193334	35	N	1975	398304	6907680.96	1071	56805.74	99		0	56805.74
1124844	26/08/2016	193402	35	N	1987.5	398311.45	6907689.87	1070	56780.36	99		0	56780.36
1124844	26/08/2016	193438	35	N	2000	398320.05	6907702.68	1066	56795.74	99		0	56795.74
1124844	26/08/2016	193506	35	N	2012.5	398326.15	6907711.18	1065	56757.05	99		0	56757.05
1124844	26/08/2016	193538	35	N	2025	398332.75	6907720.36	1064	56845.96	99		0	56845.96
1124844	26/08/2016	193614	35	N	2037.5	398339.52	6907731.96	1060	56874.34	99		0	56874.34
1124844	26/08/2016	193706	35	N	2050	398345.8	6907740.4	1058	56872.16	99		0	56872.16
1124844	26/08/2016	193742	35	N	2062.5	398354.72	6907753.22	1054	56832.4	99		0	56832.40
1124844	26/08/2016	193826	35	N	2075	398360.84	6907764.44	1052	56763.27	79		0	56763.27
1124844	26/08/2016	193906	35	N	2087.5	398367.3	6907771.19	1051	56780.97	99		0	56780.97
1124844	26/08/2016	193942	35	N	2100	398374.72	6907779.99	1052	56761.55	99		0	56761.55
1124844	26/08/2016	194014	35	N	2112.5	398379.66	6907791.24	1053	56801.75	99		0	56801.75
1124844	26/08/2016	194050	35	N	2125	398385.45	6907800.71	1054	56784.02	99		0	56784.02
1124844	26/08/2016	194126	35	N	2137.5	398394.88	6907809.64	1053	56795.71	99		0	56795.71
1124844	26/08/2016	194202	35	N	2150	398402.92	6907820.01	1052	56792.31	99		0	56792.31
1124844	26/08/2016	194234	35	N	2162.5	398408.61	6907829.62	1053	56778.74	99		0	56778.74
1124844	26/08/2016	194302	35	N	2175	398416.09	6907841.01	1051	56835.39	99		0	56835.39
1124844	26/08/2016	194338	35	N	2187.5	398424.46	6907853.21	1050	56880.45	89		0	56880.45
1124844	26/08/2016	194418	35	N	2200	398428.5	6907865.68	1048	56811.67	99		0	56811.67
1124844	26/08/2016	194446	35	N	2212.5	398436.5	6907872.7	1047	56747.27	99		0	56747.27
1124844	26/08/2016	194526	35	N	2225	398442.75	6907882.76	1046	56772.42	79		0	56772.42
1124844	26/08/2016	194558	35	N	2237.5	398453.04	6907892.5	1044	56759.38	99		0	56759.38
1124844	26/08/2016	194626	35	N	2250	398457.51	6907901.91	1044	56706.76	99		0	56706.76
1124844	26/08/2016	194654	35	N	2262.5	398464.84	6907912.03	1042	56770.35	99		0	56770.35
1124844	26/08/2016	194722	35	N	2275	398472.28	6907920.57	1040	56782.36	99		0	56782.36
1124844	26/08/2016	194754	35	N	2287.5	398479.31	6907931.22	1038	56836.61	99		0	56836.61
1124844	26/08/2016	194826	35	N	2300	398487.17	6907941.98	1038	56813.77	99		0	56813.77
1124844	26/08/2016	194858	35	N	2312.5	398490.79	6907953.7	1037	56815.08	99		0	56815.08
1124844	26/08/2016	194934	35	N	2325	398497.98	6907963.04	1032	56785.56	69		0	56785.56
1124844	26/08/2016	195026	35	N	2337.5	398506.59	6907972.53	1029	56780.6	99		0	56780.60
1124844	26/08/2016	195058	35	N	2350	398514.35	6907981.67	1028	56783.39	69		1	
1124844	26/08/2016	195118	35	N	2350	398515.13	6907981.8	1028	56782.17	99	best signal	0	56782.17
1124844	26/08/2016	195158	35	N	2362.5	398521.33	6907991.59	1024	56808.46	99		0	56808.46
1124844	26/08/2016	195238	35	N	2375	398525.96	6908001.82	1019	56830.7	79		1	
1124844	26/08/2016	195258	35	N	2375	398525.81	6908002.36	1019	56811.9	79		1	
1124844	26/08/2016	195314	35	N	2375	398525.77	6908002.38	1019	56786.58	99		0	56786.58
1124844	26/08/2016	195330	35	N	2375	398525.74	6908002.39	1019	56781.53	99		2	
8042728	26/08/2016	234846	37	N	0.00	397360.47	6905972.93	1187.00	56842.62	99		0	56842.62
8042728	26/08/2016	234902	37	N	0.00	397360.24	6905973.11	1187.00	56845.15	99		1	
8042728	26/08/2016	235006	37	N	0.00	397358.58	6905976.44	1181.00	56769.86	99		2	
8042728	26/08/2016	234754	37	N	12.50	397365.63	6905988.13	1183.00	56735.67	79		2	
8042728	26/08/2016	234810	37	N	12.50	397365.41	6905988.07	1183.00	56786.42	99		0	56786.42
8042728	26/08/2016	234722	37	N	25.00	397368.95	6905997.96	1186.00	56987.15	79		0	56987.15
8042728	26/08/2016	234654	37	N	37.50	397373.32	6906008.21	1186.00	56896.76	89		0	56896.76
8042728	26/08/2016	234610	37	N	50.00	397380.48	6906020.81	1186.00	56807.46	99		0	56807.46
8042728	26/08/2016	234542	37	N	62.50	397386.60	6906028.57	1189.00	56880.56	99		0	56880.56
8042728	26/08/2016	234450	37	N	75.00	397396.24	6906039.12	1192.00	56851.76	99		0	56851.76
8042728	26/08/2016	234418	37	N	87.50	397405.55	6906049.34	1194.00	56816.14	99		0	56816.14
8042728	26/08/2016	234346	37	N	100.00	397413.09	6906059.96	1194.00	56882.5	99		0	56882.50
8042728	26/08/2016	234310	37	N	112.50	397418.94	6906069.92	1196.00	56883.47	99		0	56883.47
8042728	26/08/2016	234242	37	N	125.00	397424.60	6906079.87	1197.00	56845.86	99		0	56845.86
8042728	26/08/2016	234158	37	N	137.50	397430.91	6906085.47	1199.00	56855.42	99		0	56855.42
8042728	26/08/2016	234122	37	N	150.00	397440.41	6906099.82	1202.00	56840	99		0	56840.00
8042728	26/08/2016	234042	37	N	162.50	397447.35	6906108.19	1203.00	56829.9	89		0	56829.90
8042728	26/08/2016	234002	37	N	175.00	397454.63	6906120.23	1206.00	56883.86	59		0	56883.86
8042728	26/08/2016	233930	37	N	187.50	397461.04	6906129.07	1209.00	56931.35	99		0	56931.35
8042728	26/08/2016	233902	37	N	200.00	397467.70	6906138.14	1212.00	56959.93	99		0	56959.93
8042728	26/08/2016	233830	37	N	212.50	397475.04	6906147.29	1216.00	57010.39	99		0	57010.39
8042728	26/08/2016	233754	37	N	225.00	397482.01	6906159.06	1219.00	56954.64	89		0	56954.64
8042728	26/08/2016	233722	37	N	237.50	397489.45	6906167.29	1221.00	57001.87	99		0	57001.87
8042728	26/08/2016	233650	37	N	250.00	397495.38	6906176.66	1223.00	57063.06	59		0	57063.06
8042728	26/08/2016	233614	37	N	262.50	397501.73	6906189.51	1224.00	57079.26	69		0	57079.26
8042728	26/08/2016	233546	37	N									

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	26/08/2016	225726	37	N	912.50	397861.18	6906706.28	1194.00	56908.22	99		0	56908.22
8042728	26/08/2016	225630	37	N	925.00	397868.95	6906718.74	1191.00	56790.42	99		0	56790.42
8042728	26/08/2016	225550	37	N	937.50	397873.80	6906729.42	1189.00	56884.07	89		0	56884.07
8042728	26/08/2016	225510	37	N	950.00	397882.37	6906739.40	1187.00	57052.36	99		0	57052.36
8042728	26/08/2016	225430	37	N	962.50	397889.62	6906749.18	1185.00	57083.86	99		0	57083.86
8042728	26/08/2016	225354	37	N	975.00	397896.43	6906760.54	1183.00	57093.35	99		0	57093.35
8042728	26/08/2016	225254	37	N	987.50	397901.36	6906771.78	1180.00	57010.52	99		0	57010.52
8042728	26/08/2016	225210	37	N	1000.00	397905.98	6906782.30	1177.00	56945.01	99		0	56945.01
8042728	26/08/2016	224954	37	N	1012.50	397914.97	6906792.84	1175.00	56951.2	89		0	56951.20
8042728	26/08/2016	224910	37	N	1025.00	397921.64	6906801.62	1173.00	56966.54	99		0	56966.54
8042728	26/08/2016	224826	37	N	1037.50	397929.12	6906811.38	1170.00	56971.02	79		0	56971.02
8042728	26/08/2016	224738	37	N	1050.00	397935.91	6906821.09	1167.00	56991.48	99		0	56991.48
8042728	26/08/2016	224634	37	N	1062.50	397943.20	6906831.81	1164.00	57135.22	99		0	57135.22
8042728	26/08/2016	224538	37	N	1075.00	397951.35	6906840.75	1160.00	57143.47	79		0	57143.47
8042728	26/08/2016	224458	37	N	1087.50	397957.74	6906849.44	1157.00	57260.55	99		0	57260.55
8042728	26/08/2016	224418	37	N	1100.00	397965.91	6906860.18	1154.00	57139.7	99		0	57139.70
8042728	26/08/2016	224338	37	N	1112.50	397972.24	6906868.35	1151.00	56893.5	39		0	56893.50
8042728	26/08/2016	224254	37	N	1125.00	397979.91	6906878.22	1147.00	56816.11	59		0	56816.11
8042728	26/08/2016	224158	37	N	1137.50	397988.06	6906888.29	1144.00	56990.66	99		0	56990.66
8042728	26/08/2016	224118	37	N	1150.00	397994.81	6906897.65	1141.00	56959.42	99		0	56959.42
8042728	26/08/2016	224030	37	N	1162.50	398003.34	6906906.97	1139.00	56767.65	69		0	56767.65
8042728	26/08/2016	223950	37	N	1175.00	398008.42	6906918.09	1135.00	56814.33	99		0	56814.33
8042728	26/08/2016	223754	37	N	1187.50	398012.92	6906928.90	1131.00	56684.59	89		0	56684.59
8042728	26/08/2016	223714	37	N	1200.00	398015.81	6906938.80	1128.00	56657.3	99		0	56657.30
8042728	26/08/2016	221546	37	N	1212.50	398021.85	6906950.44	1129.00	56816.28	99		0	56816.28
8042728	26/08/2016	221634	37	N	1212.50	398021.43	6906949.61	1127.00	56890.18	99		2	
8042728	26/08/2016	221822	37	N	1212.50	398021.08	6906949.15	1123.00	56825.37	99		2	
8042728	26/08/2016	221958	37	N	1212.50	398021.62	6906949.50	1126.00	56819.51	99		1	
8042728	26/08/2016	222046	37	N	1212.50	398022.04	6906949.35	1125.00	56823.86	99		1	
8042728	26/08/2016	222234	37	N	1212.50	398021.53	6906949.05	1123.00	56812.84	99		2	
8042728	26/08/2016	222418	37	N	1212.50	398021.10	6906949.11	1126.00	56845.57	99		2	
8042728	26/08/2016	222554	37	N	1212.50	398021.01	6906948.42	1124.00	56827.18	99		2	
8042728	26/08/2016	223558	37	N	1212.50	398021.05	6906949.08	1125.00	56779.3	89		2	
8042728	26/08/2016	221438	37	N	1225.00	398030.06	6906961.87	1127.00	56891.9	99		0	56891.90
8042728	26/08/2016	221338	37	N	1237.50	398038.77	6906974.39	1127.00	56943.97	99		0	56943.97
8042728	26/08/2016	221250	37	N	1250.00	398044.25	6906980.89	1126.00	56995.18	99		0	56995.18
8042728	26/08/2016	221154	37	N	1262.50	398049.94	6906987.58	1121.00	56947.36	99		0	56947.36
8042728	26/08/2016	221042	37	N	1275.00	398058.69	6906998.68	1117.00	56990.85	99		0	56990.85
8042728	26/08/2016	220954	37	N	1287.50	398065.16	6907005.60	1101.00	56883.83	99		0	56883.83
8042728	26/08/2016	220846	37	N	1300.00	398076.65	6907011.96	1106.00	56845.39	99		0	56845.39
8042728	26/08/2016	220754	37	N	1312.50	398082.89	6907020.95	1104.00	56918.65	99		0	56918.65
8042728	26/08/2016	220710	37	N	1325.00	398090.53	6907031.75	1101.00	56898.13	99		0	56898.13
8042728	26/08/2016	220630	37	N	1337.50	398096.08	6907040.59	1099.00	56846.36	99		0	56846.36
8042728	26/08/2016	220538	37	N	1350.00	398100.91	6907050.98	1097.00	57026.29	79		0	57026.29
8042728	26/08/2016	220438	37	N	1362.50	398104.81	6907061.77	1094.00	56866.77	99		0	56866.77
8042728	26/08/2016	220358	37	N	1375.00	398112.11	6907070.64	1092.00	56869.22	99		0	56869.22
8042728	26/08/2016	220318	37	N	1387.50	398119.74	6907080.13	1090.00	56863.6	99		0	56863.60
8042728	26/08/2016	220218	37	N	1400.00	398127.68	6907091.41	1088.00	56669.39	69		0	56669.39
8042728	26/08/2016	220142	37	N	1412.50	398135.45	6907101.64	1087.00	56692.67	79		0	56692.67
8042728	26/08/2016	220102	37	N	1425.00	398142.27	6907111.52	1083.00	56721.8	79		0	56721.80
8042728	26/08/2016	220010	37	N	1437.50	398147.94	6907122.52	1083.00	56780.51	89		0	56780.51
8042728	26/08/2016	215914	37	N	1450.00	398155.25	6907134.49	1084.00	56887.82	99		0	56887.82
8042728	26/08/2016	215834	37	N	1462.50	398161.25	6907142.78	1080.00	56853.02	99		0	56853.02
8042728	26/08/2016	215746	37	N	1475.00	398168.42	6907152.85	1079.00	56709.95	99		0	56709.95
8042728	26/08/2016	215654	37	N	1487.50	398176.10	6907163.10	1076.00	56655.9	99		0	56655.90
8042728	26/08/2016	215610	37	N	1500.00	398183.39	6907173.84	1078.00	56590.01	49		0	56590.01
8042728	26/08/2016	215514	37	N	1512.50	398187.79	6907179.97	1079.00	56650.77	99		0	56650.77
8042728	26/08/2016	215434	37	N	1525.00	398195.06	6907191.66	1079.00	56700.43	59		0	56700.43
8042728	26/08/2016	215358	37	N	1537.50	398203.50	6907201.37	1081.00	56687.13	79		0	56687.13
8042728	26/08/2016	215318	37	N	1550.00	398209.85	6907211.17	1082.00	56705.85	59		0	56705.85
8042728	26/08/2016	215334	37	N	1550.00	398210.00	6907210.44	1082.00	56701.21	59		1	
8042728	26/08/2016	215222	37	N	1562.50	398217.23	6907224.34	1081.00	56733.65	99		0	56733.65
8042728	26/08/2016	215134	37	N	1575.00	398224.30	6907233.34	1081.00	56651.14	69		0	56651.14
8042728	26/08/2016	215058	37	N	1587.50	398234.79	6907242.41	1084.00	56792.63	79		0	56792.63
8042728	26/08/2016	215022	37	N	1600.00	398241.96	6907250.05	1083.00	56918.48	79		0	56918.48
8042728	26/08/2016	214841	37	N	1612.50	398248.21	6907261.30	1087.00	-271.59	0	Lost Reciever	9	
8042728	26/08/2016	214857	37	N	1612.50	398248.55	6907261.18	1084.00	-271.71	0	Lost Reciever	9	
8042728	26/08/2016	214922	37	N	1612.50	398248.80	6907260.88	1087.00	57090.03	99		0	57090.03
8042728	26/08/2016	214938	37	N	1612.50	398248.86	6907260.33	1083.00	57088.49	99		1	
8042728	26/08/2016	214514	37	N	1625.00	398253.76	6907270.06	1084.00	57086.5	99		0	57086.50
8042728	26/08/2016	214546	37	N	1625.00	398257.12	6907268.69	1080.00	57015.94	29		2	
8042728	26/08/2016	214422	37	N	1637.50	398260.78	6907283.11	1084.00	56943.65	99		0	56943.65
8042728	26/08/2016	214342	37	N	1650.00	398265.64	6907293.14	1085.00	56790.13	99		0	56790.13
8042728	26/08/2016	214246	37	N	1662.50	398275.28	6907302.83	1086.00	56678.29	49		2	
8042728	26/08/2016	214302	37	N	1662.50	398274.57	6907303.04	1084.00	56786.51	99		0	56786.51
8042728	26/08/2016	214206	37	N	1675.00	398283.04	6907311.37	1088.00	56690.77	99		0	56690.77
8042728	26/08/2016	214122	37	N	1687.50	398287.78	6907323.41	1084.00	56797.85	89		0	56797.85
8042728	26/08/2016	214026	37	N	1700.00	398294.20	6907329.22	1082.00	56805.32	99		0	56805.32
8042728	26/08/2016	213938	37	N	1712.50	398301.39	6907340.93	1080.00	56807.21	99		0	56807.21
8042728	26/08/2016	213850	37	N	1725.00	398308.22	6907351.94	1082.00	56731.23	99		0	56731.23
8042728	26/08/2016	213802	37	N	1737.50	398316.36	6907362.31	1079.00	56826.74	99		0	56826.74
8042728	26/08/2016	213718	37	N	1750.00	398322.							

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	26/08/2016	205246	37	N	2350.00	398656.81	6907849.68	1009.00	56731.08	99		0	56731.08
8042728	26/08/2016	205134	37	N	2362.50	398664.72	6907858.24	1007.00	56699.16	99		0	56699.16
8042728	26/08/2016	205042	37	N	2375.00	398672.14	6907869.48	1006.00	56705.68	99		0	56705.68
8042728	26/08/2016	204942	37	N	2387.50	398682.39	6907884.02	1003.00	56718.63	99		0	56718.63
8042728	26/08/2016	204754	37	N	2400.00	398688.91	6907893.79	1001.00	56736.04	99		0	56736.04
8042728	26/08/2016	204830	37	N	2400.00	398688.81	6907894.24	1000.00	56731.84	99		1	
8042728	26/08/2016	204846	37	N	2400.00	398688.59	6907893.90	1000.00	56730.58	99		1	
1124844	26/08/2016	234614	39	N	0.00	397521.82	6905872.92	1194.00	56881.47	99		0	56881.47
1124844	26/08/2016	234630	39	N	0.00	397522.05	6905872.84	1195.00	56876.35	99		1	
1124844	26/08/2016	234530	39	N	12.50	397531.18	6905883.68	1195.00	56945.03	99		0	56945.03
1124844	26/08/2016	234458	39	N	25.00	397538.11	6905893.65	1199.00	56960.53	99		0	56960.53
1124844	26/08/2016	234410	39	N	37.50	397545.70	6905904.48	1201.00	56972.7	99		0	56972.70
1124844	26/08/2016	234334	39	N	50.00	397550.90	6905913.59	1203.00	56983.6	99		0	56983.60
1124844	26/08/2016	234254	39	N	62.50	397555.55	6905924.00	1204.00	57016.24	99		0	57016.24
1124844	26/08/2016	234222	39	N	75.00	397562.94	6905932.35	1206.00	57045.25	99		0	57045.25
1124844	26/08/2016	234150	39	N	87.50	397573.03	6905940.72	1210.00	56973.42	99		0	56973.42
1124844	26/08/2016	234118	39	N	100.00	397578.72	6905949.95	1211.00	56981.61	99		0	56981.61
1124844	26/08/2016	234050	39	N	112.50	397585.66	6905958.32	1213.00	56947.32	99		0	56947.32
1124844	26/08/2016	234014	39	N	125.00	397592.18	6905967.93	1215.00	56887.51	99		0	56887.51
1124844	26/08/2016	233930	39	N	137.50	397599.48	6905980.25	1218.00	56927.01	99		0	56927.01
1124844	26/08/2016	233854	39	N	150.00	397605.76	6905989.93	1220.00	57009.17	99		0	57009.17
1124844	26/08/2016	233814	39	N	162.50	397616.26	6906001.16	1222.00	56997.06	99		0	56997.06
1124844	26/08/2016	233738	39	N	175.00	397621.13	6906013.13	1224.00	56973.11	99		0	56973.11
1124844	26/08/2016	233706	39	N	187.50	397628.56	6906022.84	1225.00	56928.79	99		0	56928.79
1124844	26/08/2016	233638	39	N	200.00	397635.19	6906031.45	1226.00	57015.53	99		0	57015.53
1124844	26/08/2016	233602	39	N	212.50	397641.10	6906041.74	1227.00	56941.97	99		0	56941.97
1124844	26/08/2016	233514	39	N	225.00	397649.12	6906052.72	1229.00	57085.96	99		0	57085.96
1124844	26/08/2016	233434	39	N	237.50	397658.39	6906064.61	1232.00	56998.51	99		0	56998.51
1124844	26/08/2016	233402	39	N	250.00	397666.89	6906073.32	1233.00	57062.01	99		0	57062.01
1124844	26/08/2016	233330	39	N	262.50	397675.31	6906083.30	1235.00	57011.08	99		0	57011.08
1124844	26/08/2016	233258	39	N	275.00	397682.38	6906094.13	1236.00	56948.56	99		0	56948.56
1124844	26/08/2016	233222	39	N	287.50	397689.43	6906104.90	1237.00	56965.83	99		0	56965.83
1124844	26/08/2016	233154	39	N	300.00	397694.93	6906114.60	1240.00	56903.88	99		0	56903.88
1124844	26/08/2016	233110	39	N	312.50	397701.31	6906126.73	1241.00	56805.44	99		0	56805.44
1124844	26/08/2016	233042	39	N	325.00	397707.59	6906137.72	1243.00	57041.5	99		0	57041.50
1124844	26/08/2016	233010	39	N	337.50	397715.83	6906148.00	1244.00	57011.41	99		0	57011.41
1124844	26/08/2016	232942	39	N	350.00	397721.24	6906158.36	1245.00	56983.32	99		0	56983.32
1124844	26/08/2016	232906	39	N	362.50	397729.05	6906166.97	1246.00	56960.36	99		0	56960.36
1124844	26/08/2016	232834	39	N	375.00	397736.80	6906179.96	1246.00	56840.06	99		0	56840.06
1124844	26/08/2016	232802	39	N	387.50	397746.50	6906190.51	1248.00	56764.23	99		0	56764.23
1124844	26/08/2016	232738	39	N	400.00	397753.13	6906200.25	1248.00	56811.3	99		0	56811.30
1124844	26/08/2016	232650	39	N	412.50	397760.36	6906210.24	1249.00	56913.66	59		2	
1124844	26/08/2016	232710	39	N	412.50	397760.09	6906210.09	1249.00	56881.63	99	better data fit	0	56881.63
1124844	26/08/2016	232554	39	N	425.00	397765.55	6906219.31	1250.00	56879.71	99		0	56879.71
1124844	26/08/2016	232518	39	N	437.50	397775.82	6906233.12	1250.00	56855.56	99		0	56855.56
1124844	26/08/2016	232446	39	N	450.00	397783.63	6906242.05	1250.00	56912.48	99		0	56912.48
1124844	26/08/2016	232418	39	N	462.50	397791.50	6906252.68	1250.00	57041.86	89		0	57041.86
1124844	26/08/2016	232346	39	N	475.00	397799.10	6906262.56	1250.00	57011.66	99		0	57011.66
1124844	26/08/2016	232314	39	N	487.50	397806.98	6906274.09	1250.00	57011.78	99		0	57011.78
1124844	26/08/2016	232246	39	N	500.00	397814.97	6906284.96	1250.00	56946.48	99		0	56946.48
1124844	26/08/2016	232058	39	N	512.50	397821.83	6906294.92	1250.00	57096	99		0	57096.00
1124844	26/08/2016	232010	39	N	525.00	397829.13	6906306.06	1250.00	56774.72	99		0	56774.72
1124844	26/08/2016	231934	39	N	537.50	397836.30	6906317.40	1249.00	56810.42	99		0	56810.42
1124844	26/08/2016	231854	39	N	550.00	397841.89	6906328.65	1248.00	56946.29	99		0	56946.29
1124844	26/08/2016	231818	39	N	562.50	397851.40	6906337.95	1247.00	57060.36	99		0	57060.36
1124844	26/08/2016	231742	39	N	575.00	397858.47	6906349.07	1247.00	56954.66	99		0	56954.66
1124844	26/08/2016	231710	39	N	587.50	397867.28	6906358.94	1246.00	57002.01	99		0	57002.01
1124844	26/08/2016	231642	39	N	600.00	397874.89	6906369.31	1245.00	56964.27	99		0	56964.27
1124844	26/08/2016	231554	39	N	612.50	397883.55	6906380.53	1244.00	56893.9	99		0	56893.90
1124844	26/08/2016	231522	39	N	625.00	397889.96	6906392.52	1243.00	56935.59	99		0	56935.59
1124844	26/08/2016	231442	39	N	637.50	397894.49	6906403.86	1242.00	56888.45	99		0	56888.45
1124844	26/08/2016	231358	39	N	650.00	397901.75	6906415.43	1240.00	56932.99	99		0	56932.99
1124844	26/08/2016	231318	39	N	662.50	397909.08	6906425.69	1239.00	56908.92	99		0	56908.92
1124844	26/08/2016	231246	39	N	675.00	397919.92	6906432.77	1237.00	56985.02	99		0	56985.02
1124844	26/08/2016	231210	39	N	687.50	397926.16	6906444.94	1235.00	56925.43	99		0	56925.43
1124844	26/08/2016	231134	39	N	700.00	397932.34	6906455.78	1234.00	56889.79	99		0	56889.79
1124844	26/08/2016	231046	39	N	712.50	397939.19	6906468.66	1232.00	57014.94	99		0	57014.94
1124844	26/08/2016	231014	39	N	725.00	397946.60	6906477.67	1230.00	57004.12	99		0	57004.12
1124844	26/08/2016	230930	39	N	737.50	397955.53	6906487.70	1229.00	56980.07	99		0	56980.07
1124844	26/08/2016	230854	39	N	750.00	397963.90	6906499.06	1226.00	57078.09	99		0	57078.09
1124844	26/08/2016	230758	39	N	762.50	397971.36	6906509.97	1224.00	57071.68	99		0	57071.68
1124844	26/08/2016	230722	39	N	775.00	397979.17	6906521.00	1223.00	57042.84	99		0	57042.84
1124844	26/08/2016	230642	39	N	787.50	397985.10	6906530.65	1221.00	57225.92	99		0	57225.92
1124844	26/08/2016	230554	39	N	800.00	397993.67	6906540.16	1218.00	56869.59	99		0	56869.59
1124844	26/08/2016	230514	39	N	812.50	398004.49	6906550.53	1216.00	56995.63	89		0	56995.63
1124844	26/08/2016	230426	39	N	825.00	398011.52	6906560.76	1213.00	57040.95	99		0	57040.95
1124844	26/08/2016	230350	39	N	837.50	398016.28	6906570.16	1211.00	56984.68	99		0	56984.68
1124844	26/08/2016	230242	39	N	850.00	398022.31	6906584.54	1207.00	56994.66	59		2	
1124844	26/08/2016	230302	39	N	850.00	398022.48	6906584.22	1207.00	56970.29	79	better data fit	0	56970.29
1124844	26/08/2016	230154	39	N	862.50	398028.35	6906596.46	1205.00	57062.28	99		0	57062.28
1124844	26/08/2016	230106	39	N	875.00	398032.42	6906606.18	1202.00	57042.12	99		0	57042.12
1124844	26/08/2016	230002	39	N	887.50								

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	26/08/2016	214954	39	N	1500.00	398384.97	6907106.53	1061.00	56815.65	99		0	56815.65
1124844	26/08/2016	214910	39	N	1512.50	398391.97	6907116.54	1060.00	56825.4	99		0	56825.4
1124844	26/08/2016	214830	39	N	1525.00	398401.39	6907125.37	1060.00	56807.87	99		0	56807.87
1124844	26/08/2016	214606	39	N	1537.50	398409.09	6907137.26	1058.00	56705.45	99		0	56705.45
1124844	26/08/2016	214454	39	N	1550.00	398412.86	6907147.60	1058.00	56723.97	99		0	56723.97
1124844	26/08/2016	214422	39	N	1562.50	398420.55	6907156.32	1058.00	56756.95	99		0	56756.95
1124844	26/08/2016	214342	39	N	1575.00	398428.32	6907166.57	1058.00	56698.22	99		0	56698.22
1124844	26/08/2016	214306	39	N	1587.50	398437.81	6907176.61	1058.00	56973.19	99		0	56973.19
1124844	26/08/2016	214238	39	N	1600.00	398444.18	6907186.83	1058.00	56960.24	99		0	56960.24
1124844	26/08/2016	214206	39	N	1612.50	398450.05	6907197.24	1059.00	56768.17	99		0	56768.17
1124844	26/08/2016	214010	39	N	1625.00	398454.39	6907208.38	1059.00	56716.4	99		0	56716.4
1124844	26/08/2016	213938	39	N	1637.50	398461.20	6907220.08	1059.00	56712.57	99		0	56712.57
1124844	26/08/2016	213906	39	N	1650.00	398469.02	6907228.58	1060.00	56983.73	99		0	56983.73
1124844	26/08/2016	213834	39	N	1662.50	398474.00	6907240.68	1061.00	57173.62	99		0	57173.62
1124844	26/08/2016	213802	39	N	1675.00	398483.73	6907249.18	1062.00	56881.66	99		0	56881.66
1124844	26/08/2016	213710	39	N	1687.50	398493.56	6907258.35	1062.00	57207.89	79		2	
1124844	26/08/2016	213730	39	N	1687.50	398492.88	6907257.34	1061.00	57188.39	99	better signal	0	57188.39
1124844	26/08/2016	213634	39	N	1700.00	398501.78	6907264.96	1061.00	56938.22	99		0	56938.22
1124844	26/08/2016	213554	39	N	1712.50	398510.47	6907277.29	1062.00	56776.12	99		0	56776.12
1124844	26/08/2016	213506	39	N	1725.00	398516.34	6907289.34	1062.00	56760.46	99		0	56760.46
1124844	26/08/2016	213430	39	N	1737.50	398520.81	6907300.80	1062.00	56703.1	99		0	56703.1
1124844	26/08/2016	213358	39	N	1750.00	398528.36	6907310.02	1062.00	56762.22	99		0	56762.22
1124844	26/08/2016	213322	39	N	1762.50	398535.80	6907320.41	1062.00	56832.36	99		0	56832.36
1124844	26/08/2016	213254	39	N	1775.00	398543.69	6907330.68	1063.00	56806.33	99		0	56806.33
1124844	26/08/2016	213222	39	N	1787.50	398550.48	6907340.32	1063.00	56873.59	99		0	56873.59
1124844	26/08/2016	213154	39	N	1800.00	398557.52	6907350.40	1064.00	56958	99		0	56958.00
1124844	26/08/2016	213122	39	N	1812.50	398563.85	6907360.68	1064.00	57058.59	99		0	57058.59
1124844	26/08/2016	213010	39	N	1825.00	398570.64	6907372.34	1066.00	57258.19	99		0	57258.19
1124844	26/08/2016	212942	39	N	1837.50	398577.85	6907381.48	1067.00	57339.13	99		0	57339.13
1124844	26/08/2016	212842	39	N	1850.00	398584.86	6907390.22	1066.00	57362.74	69		1	
1124844	26/08/2016	212906	39	N	1850.00	398584.93	6907390.16	1066.00	57368.89	99	better signal	0	57368.89
1124844	26/08/2016	212806	39	N	1862.50	398594.19	6907402.59	1067.00	57322.47	99		0	57322.47
1124844	26/08/2016	212710	39	N	1875.00	398601.38	6907412.52	1068.00	57457.28	99		1	
1124844	26/08/2016	212730	39	N	1875.00	398601.37	6907412.77	1068.00	57439.42	99	better data fit	0	57439.42
1124844	26/08/2016	212638	39	N	1887.50	398606.17	6907420.55	1069.00	57055.88	99		0	57055.88
1124844	26/08/2016	212558	39	N	1900	398614.46	6907431.49	1070	57235.54	99		0	57235.54
1124844	26/08/2016	212526	39	N	1912.5	398622.33	6907442.41	1070	56892.45	99		0	56892.45
1124844	26/08/2016	212342	39	N	1925	398629.02	6907453.45	1071	57175.45	99		0	57175.45
1124844	26/08/2016	212310	39	N	1937.5	398635.01	6907463.4	1071	56883.14	99		0	56883.14
1124844	26/08/2016	212238	39	N	1950	398642.08	6907471.54	1071	56703.32	99		0	56703.32
1124844	26/08/2016	212150	39	N	1962.5	398651.24	6907482.33	1071	56902.73	99		0	56902.73
1124844	26/08/2016	212102	39	N	1975	398658.44	6907492.1	1070	56820.69	99		0	56820.69
1124844	26/08/2016	212022	39	N	1987.5	398662.1	6907504.92	1071	56779.09	99		0	56779.09
1124844	26/08/2016	211942	39	N	2000	398668.6	6907515.07	1071	56866.05	99		0	56866.05
1124844	26/08/2016	211902	39	N	2012.5	398678.69	6907524.64	1071	56962.09	99		0	56962.09
1124844	26/08/2016	211826	39	N	2025	398686.81	6907533.71	1070	56818.37	99		0	56818.37
1124844	26/08/2016	211746	39	N	2037.5	398692.93	6907545.62	1070	56742.19	99		0	56742.19
1124844	26/08/2016	211706	39	N	2050	398699.93	6907553.34	1070	56747.97	99		0	56747.97
1124844	26/08/2016	211622	39	N	2062.5	398706.91	6907565.35	1068	56719.07	99		0	56719.07
1124844	26/08/2016	211538	39	N	2075	398715.4	6907576.28	1066	56650.39	99		0	56650.39
1124844	26/08/2016	211506	39	N	2087.5	398721.39	6907584.97	1066	56711.93	99		0	56711.93
1124844	26/08/2016	211418	39	N	2100	398730.19	6907595.29	1066	56699.68	99		0	56699.68
1124844	26/08/2016	211346	39	N	2112.5	398736.98	6907606.7	1064	56722.19	99		0	56722.19
1124844	26/08/2016	211258	39	N	2125	398742.17	6907618.47	1064	56732.72	99		0	56732.72
1124844	26/08/2016	211218	39	N	2137.5	398749.55	6907628.67	1063	56756.49	99		0	56756.49
1124844	26/08/2016	211146	39	N	2150	398757.86	6907637.18	1063	56718.9	99		0	56718.9
1124844	26/08/2016	211106	39	N	2162.5	398766.28	6907647.62	1061	56728.86	99		0	56728.86
1124844	26/08/2016	211022	39	N	2175	398774.21	6907656.73	1058	56735.33	99		0	56735.33
1124844	26/08/2016	210938	39	N	2187.5	398782.58	6907668.55	1057	56736.94	99		0	56736.94
1124844	26/08/2016	210902	39	N	2200	398789.42	6907677.47	1054	56864.1	99		0	56864.10
1124844	26/08/2016	210814	39	N	2212.5	398794.69	6907689.11	1053	56774.74	79		0	56774.74
1124844	26/08/2016	210718	39	N	2225	398801.33	6907698.89	1050	56772.48	99		0	56772.48
1124844	26/08/2016	210630	39	N	2237.5	398806.08	6907708.56	1047	56792.03	99		0	56792.03
1124844	26/08/2016	210538	39	N	2250	398813.16	6907717.54	1042	56723.63	99		0	56723.63
1124844	26/08/2016	210454	39	N	2262.5	398821.2	6907726.08	1038	56746.36	99		0	56746.36
1124844	26/08/2016	210354	39	N	2275	398830.73	6907733.72	1035	56774.22	99		0	56774.22
1124844	26/08/2016	210306	39	N	2287.5	398835.75	6907745.52	1032	56767.86	99		0	56767.86
1124844	26/08/2016	210210	39	N	2300	398842.71	6907753.84	1028	56762.75	99		0	56762.75
1124844	26/08/2016	210054	39	N	2312.5	398847.82	6907762.68	1026	56734.36	99		0	56734.36
1124844	26/08/2016	205930	39	N	2325	398855.18	6907774.56	1023	56776.61	99		2	
1124844	26/08/2016	205950	39	N	2325	398855.15	6907774.2	1023	56761.92	99	better fit	0	56761.92
1124844	26/08/2016	210006	39	N	2325	398855.25	6907774.13	1023	56762.66	99		1	
8042728	27/08/2016	173402	41	N	0.00	397686.06	6905757.42	1203.00	56908.79	69	best data fit	0	56908.79
8042728	27/08/2016	173418	41	N	0.00	397686.03	6905757.39	1203.00	56877.91	89		2	
8042728	27/08/2016	173434	41	N	0.00	397685.80	6905757.27	1204.00	56881.41	79		1	
8042728	27/08/2016	173542	41	N	12.50	397694.20	6905767.99	1204.00	56968.53	99		0	56968.53
8042728	27/08/2016	173610	41	N	12.50	397694.46	6905767.50	1204.00	56966.01	99		1	
8042728	27/08/2016	173654	41	N	25.00	397701.02	6905777.84	1206.00	56799.86	99		0	56799.86
8042728	27/08/2016	173938	41	N	37.50	397707.92	6905788.48	1209.00	56886.68	99		0	56886.68
8042728	27/08/2016	174022	41	N	50.00	397715.21	6905797.17	1209.00	56910.41	99		0	56910.41
8042728	27/08/2016	174110	41	N	62.50	397723.03	6905806.44	1212.00	57016.75	89		0	57016.75
8042728	27/08/2016	174206	41	N	75.00	397731.10	6905818.40	1214.00	57040.91	99		0	57040.91
8042728	27/08/2016	174250	41	N	87.50	397							

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	27/08/2016	181730	41	N	487.50	397969.24	6906156.86	1276.00	56931.17	79		0	56931.17
8042728	27/08/2016	181810	41	N	500.00	397977.54	6906166.62	1276.00	57085.73	69		0	57085.73
8042728	27/08/2016	181826	41	N	500.00	397977.46	6906166.44	1276.00	57133.81	69		2	
8042728	27/08/2016	181842	41	N	500.00	397977.11	6906166.29	1276.00	57089.59	69		2	
8042728	27/08/2016	181858	41	N	500.00	397977.19	6906166.55	1276.00	57094.83	49		1	
8042728	27/08/2016	181934	41	N	512.50	397985.77	6906177.18	1276.00	57229.56	59		0	57229.56
8042728	27/08/2016	182018	41	N	525.00	397992.97	6906185.90	1276.00	57164.79	49		1	
8042728	27/08/2016	182034	41	N	525.00	397992.67	6906185.64	1275.00	57088.54	89	best signal	0	57088.54
8042728	27/08/2016	182114	41	N	537.50	398000.43	6906195.99	1274.00	57151.82	59		2	
8042728	27/08/2016	182130	41	N	537.50	398000.23	6906195.47	1274.00	57070.26	99		1	
8042728	27/08/2016	182234	41	N	537.50	398000.32	6906196.21	1275.00	57093.02	99	best fit	0	57093.02
8042728	27/08/2016	182302	41	N	550.00	398008.00	6906204.87	1273.00	57096.78	59		0	57096.78
8042728	27/08/2016	182318	41	N	550.00	398007.91	6906205.44	1274.00	57097.23	49		1	
8042728	27/08/2016	182358	41	N	562.50	398015.92	6906216.70	1272.00	57067.86	49		0	57067.86
8042728	27/08/2016	182418	41	N	562.50	398015.51	6906216.28	1272.00	56888.15	99	doesnt fit	2	
8042728	27/08/2016	182438	41	N	562.50	398016.19	6906216.96	1272.00	57094.51	59		2	
8042728	27/08/2016	182506	41	N	575.00	398022.84	6906225.47	1270.00	57035.06	49		1	
8042728	27/08/2016	182522	41	N	575.00	398022.50	6906225.74	1270.00	56931.58	99		0	56931.58
8042728	27/08/2016	182602	41	N	587.50	398030.18	6906236.61	1268.00	56927.24	99		0	56927.24
8042728	27/08/2016	182658	41	N	600.00	398037.08	6906248.20	1267.00	56957.8	99		0	56957.80
8042728	27/08/2016	182742	41	N	612.50	398043.56	6906257.04	1265.00	56870.56	99		0	56870.56
8042728	27/08/2016	182810	41	N	625.00	398049.33	6906264.68	1264.00	56997.77	49		2	
8042728	27/08/2016	182826	41	N	625.00	398048.97	6906265.16	1264.00	56955.19	89	better fit	0	56955.19
8042728	27/08/2016	182858	41	N	637.50	398055.63	6906274.38	1263.00	56839.86	99		0	56839.86
8042728	27/08/2016	182930	41	N	650.00	398063.02	6906285.77	1260.00	56885.01	99		0	56885.01
8042728	27/08/2016	183010	41	N	662.50	398069.58	6906294.88	1256.00	57097.71	89		0	57097.71
8042728	27/08/2016	183050	41	N	675.00	398076.88	6906306.69	1255.00	57201.04	69		1	
8042728	27/08/2016	183158	41	N	675.00	398076.97	6906306.31	1255.00	57199.67	99	better signal	0	57199.67
8042728	27/08/2016	183242	41	N	687.50	398082.84	6906316.01	1252.00	56954.71	99		0	56954.71
8042728	27/08/2016	183410	41	N	687.50	398089.55	6906326.13	1249.00	56989.07	79		2	
8042728	27/08/2016	183454	41	N	700.00	398095.30	6906337.04	1246.00	57169.95	89		0	57169.95
8042728	27/08/2016	183530	41	N	712.50	398102.58	6906345.51	1242.00	57272.53	49	data doesnt fit	9	
8042728	27/08/2016	183550	41	N	712.50	398102.29	6906345.33	1243.00	57185.06	99		0	57185.06
8042728	27/08/2016	183630	41	N	725.00	398110.52	6906355.74	1240.00	57334.23	99		0	57334.23
8042728	27/08/2016	183710	41	N	737.50	398117.45	6906364.85	1236.00	57384.93	99		0	57384.93
8042728	27/08/2016	183746	41	N	750.00	398124.87	6906375.61	1233.00	57233.9	99		0	57233.90
8042728	27/08/2016	183818	41	N	762.50	398131.77	6906384.11	1229.00	57381.07	99		0	57381.07
8042728	27/08/2016	183854	41	N	775.00	398138.29	6906393.79	1226.00	57344.98	99		0	57344.98
8042728	27/08/2016	183942	41	N	787.50	398146.46	6906406.80	1223.00	57209.61	99		0	57209.61
8042728	27/08/2016	184018	41	N	800.00	398153.86	6906416.69	1220.00	57277.28	99		0	57277.28
8042728	27/08/2016	184114	41	N	812.50	398158.53	6906423.46	1219.00	57305.05	99		0	57305.05
8042728	27/08/2016	184150	41	N	825.00	398165.94	6906433.63	1215.00	57205.89	89		0	57205.89
8042728	27/08/2016	184330	41	N	837.50	398174.27	6906445.02	1212.00	57164.62	99		0	57164.62
8042728	27/08/2016	184358	41	N	850.00	398179.94	6906453.53	1210.00	57047.04	99		0	57047.04
8042728	27/08/2016	184430	41	N	862.50	398187.48	6906463.92	1206.00	57087.92	99		0	57087.92
8042728	27/08/2016	184506	41	N	875.00	398196.65	6906476.03	1202.00	56987.13	99		0	56987.13
8042728	27/08/2016	184538	41	N	887.50	398203.01	6906485.35	1200.00	57048.95	99		0	57048.95
8042728	27/08/2016	184622	41	N	900.00	398209.76	6906494.00	1196.00	57106.61	99		0	57106.61
8042728	27/08/2016	184654	41	N	912.50	398216.01	6906502.40	1194.00	57115.58	99		0	57115.58
8042728	27/08/2016	184726	41	N	925.00	398224.02	6906513.84	1189.00	57012.98	99		0	57012.98
8042728	27/08/2016	184802	41	N	937.50	398228.50	6906523.00	1187.00	57157.35	99		0	57157.35
8042728	27/08/2016	184838	41	N	950.00	398234.64	6906532.98	1185.00	57067.16	99		0	57067.16
8042728	27/08/2016	184914	41	N	962.50	398241.61	6906544.11	1181.00	57096.38	99		0	57096.38
8042728	27/08/2016	184950	41	N	975.00	398249.32	6906553.61	1178.00	57039.37	99		0	57039.37
8042728	27/08/2016	185034	41	N	987.50	398256.96	6906563.90	1175.00	56953.26	99		0	56953.26
8042728	27/08/2016	185110	41	N	1000.00	398263.39	6906573.06	1172.00	56954.99	99		0	56954.99
8042728	27/08/2016	185134	41	N	1012.50	398269.35	6906580.11	1170.00	57035.19	99		0	57035.19
8042728	27/08/2016	185218	41	N	1025.00	398277.05	6906593.16	1165.00	56910.03	99		0	56910.03
8042728	27/08/2016	185254	41	N	1037.50	398282.89	6906603.18	1163.00	56916.6	99		0	56916.60
8042728	27/08/2016	185334	41	N	1050.00	398291.89	6906613.88	1159.00	56905.24	99		0	56905.24
8042728	27/08/2016	185406	41	N	1062.50	398296.61	6906624.06	1156.00	56766.69	99		0	56766.69
8042728	27/08/2016	185438	41	N	1075.00	398303.72	6906632.72	1152.00	56807.55	99		0	56807.55
8042728	27/08/2016	185514	41	N	1087.50	398311.59	6906643.48	1150.00	56728.26	99		0	56728.26
8042728	27/08/2016	185550	41	N	1100.00	398318.62	6906651.36	1145.00	56600.93	99		0	56600.93
8042728	27/08/2016	185626	41	N	1112.50	398327.96	6906660.85	1143.00	56589.3	99		0	56589.30
8042728	27/08/2016	185706	41	N	1125.00	398333.74	6906669.58	1140.00	56795.98	99		0	56795.98
8042728	27/08/2016	185742	41	N	1137.50	398340.31	6906682.69	1141.00	56783.24	99		0	56783.24
8042728	27/08/2016	185818	41	N	1150.00	398344.57	6906688.30	1136.00	56912.93	99		0	56912.93
8042728	27/08/2016	185854	41	N	1162.50	398352.83	6906697.68	1131.00	57039.17	99		0	57039.17
8042728	27/08/2016	185926	41	N	1175.00	398359.15	6906706.86	1128.00	56883.62	99		0	56883.62
8042728	27/08/2016	190002	41	N	1187.50	398366.90	6906717.07	1127.00	56996.34	99		0	56996.34
8042728	27/08/2016	190038	41	N	1200.00	398373.25	6906728.95	1123.00	57141.15	99		0	57141.15
8042728	27/08/2016	190122	41	N	1212.50	398382.07	6906741.35	1122.00	57096.8	99		0	57096.80
8042728	27/08/2016	190238	41	N	1225.00	398388.45	6906752.51	1119.00	56929.91	99		0	56929.91
8042728	27/08/2016	190314	41	N	1237.50	398392.41	6906761.26	1117.00	56930.65	79		0	56930.65
8042728	27/08/2016	190350	41	N	1250.00	398401.28	6906772.57	1113.00	56836.21	99		0	56836.21
8042728	27/08/2016	190430	41	N	1262.50	398406.58	6906781.92	1110.00	56852.7	99		0	56852.70
8042728	27/08/2016	190510	41	N	1275.00	398414.41	6906794.61	1106.00	56819.74	99		0	56819.74
8042728	27/08/2016	190550	41	N	1287.50	398420.44	6906805.88	1106.00	56785.64	99		0	56785.64
8042728	27/08/2016	190630	41	N	1300.00	398429.06	6906814.86	1102.00	56771.76	99		0	56771.76
8042728	27/08/2016	190710	41	N	1312.50	398437.43	6906823.38	1099.00	56821.79	99		0	56821.79
8042728	27/08/2016	190742	41	N	1325.00	398444.34	6906831.34	1097					

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	27/08/2016	194554	41	N	1900.00	398762.29	6907286.76	1069.00	56957.02	99	better signal	0	56957.02
8042728	27/08/2016	194630	41	N	1912.50	398769.94	6907298.87	1074.00	56860.1	99		0	56860.10
8042728	27/08/2016	194702	41	N	1925.00	398779.27	6907305.29	1071.00	56839.17	39		0	56839.17
8042728	27/08/2016	194738	41	N	1937.50	398790.41	6907311.48	1070.00	56857.3	99		0	56857.30
8042728	27/08/2016	194814	41	N	1950.00	398793.56	6907322.72	1072.00	56887.4	69		0	56887.40
8042728	27/08/2016	195046	41	N	1962.50	398796.84	6907333.59	1072.00	56930.04	49		0	56930.04
8042728	27/08/2016	195114	41	N	1975.00	398801.63	6907347.51	1075.00	56840.48	69	better fit	0	56840.48
8042728	27/08/2016	195130	41	N	1975.00	398803.65	6907347.08	1079.00	56805.72	99		2	
8042728	27/08/2016	195202	41	N	1987.50	398811.49	6907358.26	1079.00	56927.4	49		0	56927.40
8042728	27/08/2016	195230	41	N	2000.00	398817.50	6907367.58	1078.00	56936.35	69		2	
8042728	27/08/2016	195250	41	N	2000.00	398817.25	6907366.99	1077.00	56847.11	99		0	56847.11
8042728	27/08/2016	195318	41	N	2012.50	398821.49	6907380.10	1080.00	56844.89	99		0	56844.89
8042728	27/08/2016	195350	41	N	2025.00	398831.58	6907388.64	1079.00	56752.32	89		0	56752.32
8042728	27/08/2016	195418	41	N	2037.50	398838.77	6907398.91	1081.00	56742.77	99		0	56742.77
8042728	27/08/2016	195446	41	N	2050.00	398845.38	6907407.59	1081.00	56717.51	99		0	56717.51
8042728	27/08/2016	195518	41	N	2062.50	398851.65	6907417.93	1080.00	56679.19	99		0	56679.19
8042728	27/08/2016	195546	41	N	2075.00	398858.20	6907428.09	1079.00	56738.53	89		0	56738.53
8042728	27/08/2016	195618	41	N	2087.50	398868.40	6907437.20	1077.00	56736.63	99		0	56736.63
8042728	27/08/2016	195646	41	N	2100.00	398875.25	6907446.35	1078.00	56787.85	99		0	56787.85
8042728	27/08/2016	195714	41	N	2112.50	398882.90	6907454.78	1078.00	56724.53	99		0	56724.53
8042728	27/08/2016	195746	41	N	2125.00	398891.60	6907468.72	1078.00	56725.34	99		0	56725.34
8042728	27/08/2016	195818	41	N	2137.50	398900.54	6907477.28	1077.00	56755.86	99		0	56755.86
8042728	27/08/2016	195854	41	N	2150.00	398905.63	6907488.12	1075.00	56767.22	99		0	56767.22
8042728	27/08/2016	195926	41	N	2162.50	398912.71	6907500.02	1075.00	56752.12	97		0	56752.12
8042728	27/08/2016	200002	41	N	2175.00	398918.16	6907509.39	1072.00	56755.95	99		0	56755.95
8042728	27/08/2016	200034	41	N	2187.50	398925.59	6907518.91	1071.00	56825.2	39	bad signal	9	
8042728	27/08/2016	200054	41	N	2187.50	398925.87	6907519.28	1072.00	56748.79	99		0	56748.79
8042728	27/08/2016	200126	41	N	2200.00	398933.22	6907527.66	1071.00	56777.49	99		0	56777.49
8042728	27/08/2016	200202	41	N	2212.50	398941.03	6907538.57	1069.00	56814.4	99		0	56814.40
8042728	27/08/2016	200230	41	N	2225.00	398947.86	6907545.59	1067.00	56799.37	79		0	56799.37
8042728	27/08/2016	200302	41	N	2237.50	398955.84	6907556.62	1065.00	56836.09	99		0	56836.09
8042728	27/08/2016	200334	41	N	2250.00	398963.03	6907566.41	1063.00	56857.83	69		0	56857.83
8042728	27/08/2016	200402	41	N	2262.50	398969.69	6907576.26	1059.00	56869.82	99		0	56869.82
8042728	27/08/2016	200434	41	N	2275.00	398976.44	6907585.03	1056.00	56801.81	99		0	56801.81
8042728	27/08/2016	200506	41	N	2287.50	398982.44	6907594.71	1054.00	56784.75	79		0	56784.75
8042728	27/08/2016	200546	41	N	2300.00	398990.76	6907605.73	1051.00	56772.5	89		0	56772.50
8042728	27/08/2016	200618	41	N	2312.50	398996.59	6907614.87	1047.00	56782.7	99		0	56782.70
8042728	27/08/2016	200706	41	N	2325.00	399002.49	6907624.22	1042.00	56804.44	99		0	56804.44
8042728	27/08/2016	200746	41	N	2337.50	399008.45	6907634.23	1037.00	56812.91	99		0	56812.91
8042728	27/08/2016	200818	41	N	2350.00	399016.29	6907644.20	1032.00	56868.3	89		1	
8042728	27/08/2016	200834	41	N	2350.00	399016.30	6907644.32	1032.00	56885.61	79		2	
8042728	27/08/2016	200850	41	N	2350.00	399016.48	6907644.41	1032.00	56822.17	99	bes t signal	0	56822.17
1124844	27/08/2016	173714	43	N	0	397850.8	6905642.38	1216	56859.21	99		0	56859.21
1124844	27/08/2016	173658	43	N	0	397850.9	6905642.31	1216	56869.64	99		2	
1124844	27/08/2016	173638	43	N	0	397851.14	6905642.03	1216	56896.24	39		2	
1124844	27/08/2016	173910	43	N	12.5	397858.52	6905652.94	1217	56881.69	99		0	56881.69
1124844	27/08/2016	173946	43	N	25	397864.97	6905664.19	1218	56898.46	99		0	56898.46
1124844	27/08/2016	174026	43	N	37.5	397872.44	6905672.9	1219	56939.08	99		0	56939.08
1124844	27/08/2016	174106	43	N	50	397880.43	6905682.16	1221	56926.28	99		0	56926.28
1124844	27/08/2016	174150	43	N	62.5	397888.06	6905693.07	1221	56891.06	99		0	56891.06
1124844	27/08/2016	174226	43	N	75	397894.43	6905704.45	1223	56895.29	99		0	56895.29
1124844	27/08/2016	174310	43	N	87.5	397901.97	6905713.19	1225	56947.3	99		0	56947.30
1124844	27/08/2016	174406	43	N	100	397909.05	6905724.05	1226	56974.83	99		0	56974.83
1124844	27/08/2016	174346	43	N	100	397908.74	6905723.88	1226	56998.59	69		2	
1124844	27/08/2016	174446	43	N	112.5	397917.13	6905733.88	1227	57028.52	99		0	57028.52
1124844	27/08/2016	174534	43	N	125	397925.35	6905744.2	1229	56981.51	99		0	56981.51
1124844	27/08/2016	174614	43	N	137.5	397928.69	6905755	1231	57131.99	99		0	57131.99
1124844	27/08/2016	174650	43	N	150	397936.96	6905764.69	1233	57194.54	99		0	57194.54
1124844	27/08/2016	174738	43	N	162.5	397944.67	6905774.72	1235	57250.71	99		0	57250.71
1124844	27/08/2016	174818	43	N	175	397952.98	6905783.26	1236	57214.41	99		0	57214.41
1124844	27/08/2016	174910	43	N	187.5	397959.55	6905793.74	1238	57244.94	99		0	57244.94
1124844	27/08/2016	174950	43	N	200	397966.49	6905803.12	1239	57104.72	99		0	57104.72
1124844	27/08/2016	175026	43	N	212.5	397973.49	6905812.94	1241	57245.83	99		0	57245.83
1124844	27/08/2016	175118	43	N	225	397982.66	6905822.86	1242	57296.55	89		0	57296.55
1124844	27/08/2016	175350	43	N	237.5	397990.71	6905831.26	1243	57345.64	99		0	57345.64
1124844	27/08/2016	175438	43	N	250	397997.98	6905842.24	1244	57348.99	99		0	57348.99
1124844	27/08/2016	175530	43	N	262.5	398006.05	6905852.75	1246	57204.91	99		0	57204.91
1124844	27/08/2016	175626	43	N	275	398010.02	6905864.2	1249	57261.95	99		0	57261.95
1124844	27/08/2016	175610	43	N	275	398010.12	6905864.16	1249	57290.23	69		2	
1124844	27/08/2016	175706	43	N	287.5	398016.99	6905875.92	1250	57256.64	99		2	
1124844	27/08/2016	1826	43	N	287.5	398017.51	6905878.49	1250	57233.01	99		0	57233.01
1124844	27/08/2016	175750	43	N	300	398022.53	6905886.01	1252	57205.46	99		0	57205.46
1124844	27/08/2016	1902	43	N	300	398024.1	6905888.88	1251	57203.3	99		1	
1124844	27/08/2016	175826	43	N	312.5	398030.48	6905896.44	1253	57123.18	99		0	57123.18
1124844	27/08/2016	1938	43	N	312.5	398032.18	6905898.76	1253	57030.03	99		2	
1124844	27/08/2016	175910	43	N	325	398037.77	6905908.33	1255	57101.05	99		0	57101.05
1124844	27/08/2016	2014	43	N	325	398038.38	6905908.8	1254	57096.24	99		1	
1124844	27/08/2016	175958	43	N	337.5	398046.25	6905917.64	1256	57248.46	99	Near Truck, could have influence.	1	
1124844	27/08/2016	2050	43	N	337.5	398046.2	6905918.88	1254	57233.21	99		0	57233.21
1124844	27/08/2016	180254	43	N	350	398052.52	6905929.86	1258	57318.02	99		0	57318.02
1124844	27/08/2016	2130	43	N	350	398052.47	6905929.92	1257	57318.52	99		1	
1124844	27/08/2016	180402	43	N	362.5	398058.34	6905938.26	1261	57281.75	99		0	57281.75
1124844	27/08/2016	2214	43	N	362.5	398059.48	6905938.76	1260	57229.54	99		2	
1124844	27/08/2016	180454	43	N									

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	27/08/2016	184058	43	N	887.50	398363.56	6906362.84	1193.00	56988.31	99		0	56988.31
1124844	27/08/2016	184130	43	N	900.00	398370.81	6906372.08	1190.00	57012.88	99		0	57012.88
1124844	27/08/2016	184218	43	N	912.50	398377.16	6906383.00	1187.00	56986.33	99		0	56986.33
1124844	27/08/2016	184334	43	N	925.00	398384.02	6906393.78	1184.00	56967.66	99		0	56967.66
1124844	27/08/2016	184406	43	N	937.50	398390.11	6906402.32	1181.00	56965.43	99		0	56965.43
1124844	27/08/2016	184446	43	N	950.00	398398.33	6906413.19	1176.00	56948.87	99		0	56948.87
1124844	27/08/2016	184546	43	N	962.50	398403.26	6906421.91	1174.00	56813.56	99		0	56813.56
1124844	27/08/2016	184518	43	N	962.50	398403.58	6906422.13	1173.00	56838.25	79		2	
1124844	27/08/2016	184618	43	N	975.00	398410.91	6906432.28	1169.00	56797.09	99		0	56797.09
1124844	27/08/2016	184654	43	N	987.50	398417.53	6906442.36	1165.00	56756.29	99		0	56756.29
1124844	27/08/2016	184726	43	N	1000.00	398423.27	6906451.14	1162.00	56727.3	99		0	56727.30
1124844	27/08/2016	184838	43	N	1012.50	398430.98	6906460.52	1158.00	56768.42	79		0	56768.42
1124844	27/08/2016	184810	43	N	1012.50	398431.70	6906460.00	1157.00	56761.45	59		1	
1124844	27/08/2016	184934	43	N	1025.00	398438.62	6906470.21	1153.00	56757.31	99		0	56757.31
1124844	27/08/2016	184918	43	N	1025.00	398438.94	6906470.23	1153.00	56772.89	69		2	
1124844	27/08/2016	185058	43	N	1037.50	398444.36	6906481.03	1149.00	56728.67	99		0	56728.67
1124844	27/08/2016	185038	43	N	1037.50	398443.97	6906481.36	1148.00	56784.02	59		2	
1124844	27/08/2016	185014	43	N	1037.50	398444.13	6906481.63	1148.00	56767.29	59		2	
1124844	27/08/2016	185138	43	N	1050.00	398450.06	6906490.77	1144.00	56753.14	99		0	56753.14
1124844	27/08/2016	185214	43	N	1062.50	398455.64	6906501.51	1140.00	56789.87	99		0	56789.87
1124844	27/08/2016	185250	43	N	1075.00	398462.55	6906512.18	1137.00	56757.64	99		0	56757.64
1124844	27/08/2016	185322	43	N	1087.50	398470.39	6906520.61	1134.00	56708.38	99		0	56708.38
1124844	27/08/2016	185402	43	N	1100.00	398476.81	6906530.93	1130.00	56761.84	99		0	56761.84
1124844	27/08/2016	185518	43	N	1112.50	398481.19	6906540.99	1129.00	56875.21	99		0	56875.21
1124844	27/08/2016	185458	43	N	1112.50	398481.17	6906540.92	1129.00	56878.98	69		1	
1124844	27/08/2016	185434	43	N	1112.50	398481.22	6906540.67	1129.00	56877.29	69		1	
1124844	27/08/2016	185558	43	N	1125.00	398491.76	6906549.74	1125.00	56985.31	99		0	56985.31
1124844	27/08/2016	185658	43	N	1137.50	398498.20	6906560.06	1122.00	56989.29	99		0	56989.29
1124844	27/08/2016	185638	43	N	1137.50	398499.19	6906559.04	1121.00	57047.88	49		2	
1124844	27/08/2016	185730	43	N	1150.00	398507.96	6906568.44	1120.00	57052.58	99		0	57052.58
1124844	27/08/2016	185806	43	N	1162.50	398513.18	6906578.00	1118.00	57055.6	99		0	57055.60
1124844	27/08/2016	185838	43	N	1175.00	398519.35	6906589.03	1114.00	56963.43	99		0	56963.43
1124844	27/08/2016	185946	43	N	1187.50	398527.04	6906599.14	1110.00	56829.46	99		0	56829.46
1124844	27/08/2016	190054	43	N	1200.00	398533.81	6906608.47	1109.00	56833.88	99		0	56833.88
1124844	27/08/2016	190038	43	N	1200.00	398533.84	6906608.45	1108.00	56841.29	79		1	
1124844	27/08/2016	190018	43	N	1200.00	398533.96	6906608.37	1108.00	56848.25	69		1	
1124844	27/08/2016	190126	43	N	1212.50	398541.75	6906618.60	1105.00	56753.09	79		0	56753.09
1124844	27/08/2016	190226	43	N	1225.00	398548.83	6906630.20	1104.00	57011.28	99		0	57011.28
1124844	27/08/2016	190254	43	N	1237.50	398555.31	6906638.05	1101.00	57051.53	59		0	57051.53
1124844	27/08/2016	190326	43	N	1250.00	398562.31	6906648.39	1098.00	57028.61	89		0	57028.61
1124844	27/08/2016	190418	43	N	1262.50	398567.22	6906658.07	1094.00	56886.37	99		0	56886.37
1124844	27/08/2016	190358	43	N	1262.50	398566.90	6906658.49	1095.00	56885.81	79		1	
1124844	27/08/2016	190514	43	N	1275.00	398574.46	6906669.71	1090.00	57004.76	99		0	57004.76
1124844	27/08/2016	190454	43	N	1275.00	398574.47	6906668.96	1089.00	57017.46	69		2	
1124844	27/08/2016	190546	43	N	1287.50	398581.02	6906679.92	1087.00	56980.64	99		0	56980.64
1124844	27/08/2016	190622	43	N	1300.00	398588.01	6906689.33	1083.00	56971.34	99		0	56971.34
1124844	27/08/2016	190730	43	N	1312.50	398596.19	6906698.37	1081.00	57002.88	89		0	57002.88
1124844	27/08/2016	190658	43	N	1312.50	398596.33	6906698.44	1081.00	57010.97	69		1	
1124844	27/08/2016	190802	43	N	1325.00	398602.73	6906708.20	1077.00	56538.77	89		0	56538.77
1124844	27/08/2016	190902	43	N	1337.50	398609.79	6906717.59	1074.00	56664.27	99		0	56664.27
1124844	27/08/2016	190838	43	N	1337.50	398609.75	6906717.63	1074.00	56685.31	69		2	
1124844	27/08/2016	191018	43	N	1350.00	398617.84	6906727.31	1069.00	56616.83	99		0	56616.83
1124844	27/08/2016	190958	43	N	1350.00	398617.89	6906726.97	1070.00	56630.9	59		2	
1124844	27/08/2016	190938	43	N	1350.00	398617.92	6906726.77	1070.00	56640.36	59		1	
1124844	27/08/2016	191054	43	N	1362.50	398624.47	6906738.24	1064.00	56543.92	99		0	56543.92
1124844	27/08/2016	191126	43	N	1375.00	398629.51	6906747.70	1062.00	56589.58	99		0	56589.58
1124844	27/08/2016	191158	43	N	1387.50	398637.04	6906758.48	1061.00	56748.38	89		0	56748.38
1124844	27/08/2016	191234	43	N	1400.00	398644.06	6906767.24	1059.00	56765.87	99		0	56765.87
1124844	27/08/2016	191642	43	N	1412.50	398650.91	6906778.83	1057.00	56666.33	99		0	56666.33
1124844	27/08/2016	191718	43	N	1425.00	398658.85	6906790.13	1055.00	56675.56	99		0	56675.56
1124844	27/08/2016	191806	43	N	1437.50	398664.60	6906797.41	1051.00	56677.35	79		1	
1124844	27/08/2016	191750	43	N	1437.50	398664.45	6906798.13	1053.00	56667.56	79		0	56667.56
1124844	27/08/2016	191934	43	N	1450.00	398671.67	6906808.61	1050.00	56649.43	99		0	56649.43
1124844	27/08/2016	191842	43	N	1450.00	398671.83	6906808.37	1050.00	56738.45	59		2	
1124844	27/08/2016	192014	43	N	1462.50	398679.20	6906818.58	1047.00	56720.81	99		0	56720.81
1124844	27/08/2016	192058	43	N	1475.00	398688.24	6906827.96	1045.00	56718	99		0	56718.00
1124844	27/08/2016	192138	43	N	1487.50	398695.88	6906836.22	1041.00	56714.23	99		0	56714.23
1124844	27/08/2016	192222	43	N	1500.00	398702.80	6906845.00	1038.00	56788.76	99		0	56788.76
1124844	27/08/2016	192318	43	N	1512.50	398710.96	6906855.80	1036.00	56766.16	99		0	56766.16
1124844	27/08/2016	192434	43	N	1525.00	398717.32	6906866.68	1035.00	56819.71	99		0	56819.71
1124844	27/08/2016	192526	43	N	1537.50	398721.57	6906878.65	1034.00	56919.51	99		0	56919.51
1124844	27/08/2016	192646	43	N	1550.00	398725.91	6906888.21	1032.00	56824.9	99		0	56824.90
1124844	27/08/2016	192722	43	N	1562.50	398732.10	6906897.50	1031.00	57010.88	99		0	57010.88
1124844	27/08/2016	192758	43	N	1575.00	398739.73	6906907.27	1029.00	56826.12	99		0	56826.12
1124844	27/08/2016	192838	43	N	1587.50	398748.39	6906916.67	1025.00	56660	99		0	56660.00
1124844	27/08/2016	192914	43	N	1600.00	398755.39	6906927.09	1022.00	56584.03	99		0	56584.03
1124844	27/08/2016	193046	43	N	1612.50	398764.25	6906934.71	1020.00	56608.65	99		0	56608.65
1124844	27/08/2016	193202	43	N	1625.00	398770.71	6906943.50	1025.00	56634.34	99		0	56634.34
1124844	27/08/2016	193338	43	N	1637.50	398776.94	6906954.03	1030.00	56861.3	99		0	56861.30
1124844	27/08/2016	193426	43	N	1650.00	398780.86	6906964.43	1034.00	56821.33	99		0	56821.33
1124844	27/08/2016	193514	43	N	1662.50	398787.14	6906975.44	1038.00	56828.47	99		0	56828.47
1124844	27/08/2016	193642	43	N	1675.00	398794.11	6906983.20	1039.00	56743.48				

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	27/08/2016	201358	43	N	2350.00	399182.21	6907530.96	1031.00	56904.12	99		0	56904.12
1124844	27/08/2016	201514	43	N	2362.50	399191.36	6907542.31	1028.00	56887.75	99		1	
1124844	27/08/2016	201446	43	N	2362.50	399190.29	6907541.20	1028.00	56892.66	99		0	56892.66
1124844	27/08/2016	235534	45	N	0	398013	6905529.37	1243	57059.79	99		0	57059.79
1124844	27/08/2016	235458	45	N	12.5	398022.62	6905539.05	1243	57145.05	99		0	57145.05
1124844	27/08/2016	235426	45	N	25	398030.03	6905548.77	1243	57147.58	99		0	57147.58
1124844	27/08/2016	235350	45	N	37.5	398038.33	6905559.26	1241	57165.13	99		0	57165.13
1124844	27/08/2016	235318	45	N	50	398044.93	6905568.66	1241	57139.71	99		0	57139.71
1124844	27/08/2016	235250	45	N	62.5	398053.31	6905578.81	1240	57148.84	99		0	57148.84
1124844	27/08/2016	235218	45	N	75	398060.06	6905587.56	1241	57166.23	99		0	57166.23
1124844	27/08/2016	235142	45	N	87.5	398066.84	6905598.62	1240	57225.8	99		0	57225.80
1124844	27/08/2016	235106	45	N	100	398075.59	6905606.78	1240	57134.06	99		0	57134.06
1124844	27/08/2016	235026	45	N	112.5	398082.59	6905617.58	1241	57081.66	99		0	57081.66
1124844	27/08/2016	234942	45	N	125	398088.88	6905628.6	1242	57211.04	99		0	57211.04
1124844	27/08/2016	234902	45	N	137.5	398095.78	6905640.2	1242	57251.5	99		0	57251.50
1124844	27/08/2016	234818	45	N	150	398100.91	6905651.06	1242	57263.71	99		0	57263.71
1124844	27/08/2016	234726	45	N	162.5	398107.98	6905661.13	1243	57239.19	99		0	57239.19
1124844	27/08/2016	234650	45	N	175	398115.1	6905670.82	1243	57135.46	99		0	57135.46
1124844	27/08/2016	234614	45	N	187.5	398121.44	6905679.87	1243	57158.31	99		0	57158.31
1124844	27/08/2016	234538	45	N	200	398127.58	6905689.39	1244	56998.7	99		0	56998.70
1124844	27/08/2016	234434	45	N	212.5	398135.45	6905701.85	1245	56825.56	99		0	56825.56
1124844	27/08/2016	234358	45	N	225	398142.06	6905711.77	1245	56839.53	99		0	56839.53
1124844	27/08/2016	234322	45	N	237.5	398149.35	6905721.34	1245	56928.46	99		0	56928.46
1124844	27/08/2016	233718	45	N	250	398156.83	6905731.44	1245	57048.71	99		0	57048.71
1124844	27/08/2016	233630	45	N	262.5	398162.77	6905741.37	1245	56917.59	99		0	56917.59
1124844	27/08/2016	233554	45	N	275	398171.55	6905750.85	1246	56902.57	99		0	56902.57
1124844	27/08/2016	233518	45	N	287.5	398177.6	6905760.1	1246	56895.68	99		0	56895.68
1124844	27/08/2016	233430	45	N	300	398186.9	6905772.74	1248	56870.49	99		0	56870.49
1124844	27/08/2016	233350	45	N	312.5	398191.95	6905783.72	1248	57133.2	99		0	57133.20
1124844	27/08/2016	233318	45	N	325	398199.33	6905792.19	1249	57114.79	99		0	57114.79
1124844	27/08/2016	233242	45	N	337.5	398206.3	6905804.04	1249	57098.39	99		0	57098.39
1124844	27/08/2016	233206	45	N	350	398213.25	6905814.08	1250	57161.88	99		0	57161.88
1124844	27/08/2016	233034	45	N	362.5	398220.27	6905823.45	1251	57117.43	99		0	57117.43
1124844	27/08/2016	232950	45	N	375	398229.11	6905833.49	1251	57294.25	99		0	57294.25
1124844	27/08/2016	232914	45	N	387.5	398236.63	6905844.69	1250	57162.09	99		0	57162.09
1124844	27/08/2016	232842	45	N	400	398243.23	6905853.72	1249	57188.41	99		0	57188.41
1124844	27/08/2016	232810	45	N	412.5	398251.31	6905864.34	1248	57156.16	99		0	57156.16
1124844	27/08/2016	232730	45	N	425	398259.02	6905872.82	1247	57119.75	99		0	57119.75
1124844	27/08/2016	232554	45	N	437.5	398268.13	6905883.35	1245	56951.38	99		0	56951.38
1124844	27/08/2016	232514	45	N	450	398275.3	6905894.92	1242	56923.12	99		0	56923.12
1124844	27/08/2016	232438	45	N	462.5	398282.07	6905903.61	1240	57170.01	99		0	57170.01
1124844	27/08/2016	232402	45	N	475	398288.38	6905913.57	1238	57163.8	99		0	57163.80
1124844	27/08/2016	232326	45	N	487.5	398295.2	6905924.88	1237	57273.18	99		0	57273.18
1124844	27/08/2016	232250	45	N	500	398300.45	6905935.41	1235	57509.46	99		0	57509.46
1124844	27/08/2016	232206	45	N	512.5	398306.95	6905945.3	1235	57349.88	99		0	57349.88
1124844	27/08/2016	232126	45	N	525	398314.92	6905955.08	1234	57246.68	99		0	57246.68
1124844	27/08/2016	232038	45	N	537.5	398321.29	6905964.51	1232	57263.67	99		0	57263.67
1124844	27/08/2016	231842	45	N	550	398329.42	6905976.21	1230	57114.61	99		0	57114.61
1124844	27/08/2016	231730	45	N	562.5	398335.93	6905986.63	1228	57055.39	99		0	57055.39
1124844	27/08/2016	231650	45	N	575	398340.88	6905996.89	1228	57103.81	99		0	57103.81
1124844	27/08/2016	231606	45	N	587.5	398348.34	6906006.69	1226	57063.51	99		0	57063.51
1124844	27/08/2016	231526	45	N	600	398357.14	6906015.64	1224	57078.48	99		0	57078.48
1124844	27/08/2016	231414	45	N	612.5	398361.77	6906024.14	1223	57105.59	99		0	57105.59
1124844	27/08/2016	231302	45	N	625	398370.78	6906034.91	1219	57137.83	99		0	57137.83
1124844	27/08/2016	231206	45	N	637.5	398376.62	6906044.76	1218	57065.19	99		0	57065.19
1124844	27/08/2016	231122	45	N	650	398385.01	6906054.1	1215	57226.12	99		0	57226.12
1124844	27/08/2016	231030	45	N	662.5	398393.06	6906062.82	1214	57149.56	99		0	57149.56
1124844	27/08/2016	230954	45	N	675	398400.57	6906072.27	1212	56834.65	99		0	56834.65
1124844	27/08/2016	230922	45	N	687.5	398408.6	6906082.61	1210	56985.25	99		0	56985.25
1124844	27/08/2016	230846	45	N	700	398413.64	6906091.22	1208	57111.51	99		0	57111.51
1124844	27/08/2016	230806	45	N	712.5	398422.98	6906103.77	1206	57177.74	99		0	57177.74
1124844	27/08/2016	230726	45	N	725	398430.66	6906113.01	1204	57146.28	99		0	57146.28
1124844	27/08/2016	230642	45	N	737.5	398435.28	6906125.27	1204	57178.59	99		0	57178.59
1124844	27/08/2016	230558	45	N	750	398444.95	6906135.15	1202	57154.05	99		0	57154.05
1124844	27/08/2016	230522	45	N	762.5	398452.16	6906145.24	1199	57290.89	99		0	57290.89
1124844	27/08/2016	230442	45	N	775	398458.55	6906154.18	1197	57169.91	99		0	57169.91
1124844	27/08/2016	230358	45	N	787.5	398466.35	6906162.96	1194	57083.09	99		0	57083.09
1124844	27/08/2016	230302	45	N	800	398474.16	6906174.48	1191	57052.27	99		0	57052.27
1124844	27/08/2016	230214	45	N	812.5	398480.46	6906183.71	1189	57098.12	99		0	57098.12
1124844	27/08/2016	230130	45	N	825	398487.55	6906192.4	1186	57327.71	99		0	57327.71
1124844	27/08/2016	225842	45	N	837.5	398495.96	6906202.97	1184	57234.44	99		0	57234.44
1124844	27/08/2016	225754	45	N	850	398501.8	6906210.84	1182	57025.86	99		0	57025.86
1124844	27/08/2016	225702	45	N	862.5	398513.2	6906224.96	1179	56917.29	99		0	56917.29
1124844	27/08/2016	225614	45	N	875	398518.81	6906235.97	1177	56956.9	99		0	56956.90
1124844	27/08/2016	225534	45	N	887.5	398524.51	6906246.09	1175	57123.48	99		0	57123.48
1124844	27/08/2016	225450	45	N	900	398530.86	6906259.38	1172	57186.52	99		0	57186.52
1124844	27/08/2016	225354	45	N	912.5	398537.6	6906269.36	1171	57099.51	99		0	57099.51
1124844	27/08/2016	225318	45	N	925	398545.49	6906279.12	1169	56968.37	99		0	56968.37
1124844	27/08/2016	225238	45	N	937.5	398551.41	6906290.63	1168	56757.08	99		0	56757.08
1124844	27/08/2016	225150	45	N	950	398560.22	6906301.09	1164	56752.65	99		0	56752.65
1124844	27/08/2016	225106	45	N	962.5	398567.3	6906310.1	1162	56721.44	99		0	56721.44
1124844	27/08/2016	225014	45	N	975	398574.73	6906320.97	1159	56672.27	99		0	56672.27
1124844	27/08/2016	224930	45	N	987.5	398580.74	6906332.17	1157	56701.26	99		0	56701.26
1124844	27/08/2016	224846	45	N	1000	398586.92	6906342.91	1155	56764.7	99		0	56764.70
1124844													

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	27/08/2016	220706	45	N	1650	398962.85	6906875.95	1030	56831.62	99		0	56831.62
1124844	27/08/2016	220630	45	N	1662.5	398971.14	6906884.94	1023	56734.08	99		0	56734.08
1124844	27/08/2016	220550	45	N	1675	398976.86	6906895.06	1020	56731.75	99		0	56731.75
1124844	27/08/2016	220506	45	N	1687.5	398983.2	6906906.1	1017	56806.99	99		0	56806.99
1124844	27/08/2016	220426	45	N	1700	398990.68	6906916.65	1014	56784.83	99		0	56784.83
1124844	27/08/2016	220354	45	N	1712.5	398996.67	6906925.58	1011	56785.08	99		0	56785.08
1124844	27/08/2016	220322	45	N	1725	399004.86	6906935.16	1009	56803.05	99		0	56803.05
1124844	27/08/2016	220226	45	N	1737.5	399013.39	6906945.04	1008	56765.98	99		0	56765.98
1124844	27/08/2016	220150	45	N	1750	399021.86	6906954.09	1009	56717.71	99		0	56717.71
1124844	27/08/2016	220038	45	N	1762.5	399027.98	6906965.52	1007	56725.18	99		0	56725.18
1124844	27/08/2016	215958	45	N	1775	399033.51	6906975.55	1008	56717.35	99		0	56717.35
1124844	27/08/2016	215930	45	N	1787.5	399037.53	6906986.68	1013	56767.85	99		0	56767.85
1124844	27/08/2016	215838	45	N	1800	399041.27	6906994.99	1009	56802.06	99		0	56802.06
1124844	27/08/2016	215750	45	N	1812.5	399047.02	6907003.56	1011	56771.3	99		0	56771.3
1124844	27/08/2016	215710	45	N	1825	399056.25	6907010.55	1013	56712.05	99		0	56712.05
1124844	27/08/2016	215638	45	N	1837.5	399064.41	6907023.18	1014	56801.48	99		0	56801.48
1124844	27/08/2016	215558	45	N	1850	399071.14	6907034.92	1015	56729.46	99		0	56729.46
1124844	27/08/2016	215506	45	N	1862.5	399080.64	6907045.46	1013	56721.63	99		0	56721.63
1124844	27/08/2016	215422	45	N	1875	399088.47	6907052.98	1013	56782.11	99		0	56782.11
1124844	27/08/2016	215342	45	N	1887.5	399096.21	6907065.13	1016	56977.44	99		0	56977.44
1124844	27/08/2016	215318	45	N	1900	399101.86	6907071.59	1017	56895.91	99	GPS Points Drift East, other operator also took point here	0	56895.91
1124844	27/08/2016	215258	45	N	1900	399102.12	6907073.2	1014	56893.97	99	GPS Points Drift East, other operator also took point here	1	56893.97
8042728	27/08/2016	215134	45	N	1900.00	399101.74	6907069.19	1020.00	57053.33	49	Taken using different unit	9	
1124844	27/08/2016	215230	45	N	1912.5	399110.69	6907081.6	1014	56820.85	99		0	56820.85
1124844	27/08/2016	215158	45	N	1925	399118.64	6907091.77	1018	56769.87	99		0	56769.87
1124844	27/08/2016	215126	45	N	1937.5	399124.29	6907104.79	1021	56691.82	99		0	56691.82
1124844	27/08/2016	215050	45	N	1950	399132.58	6907115.31	1021	56747.7	99		0	56747.7
1124844	27/08/2016	215006	45	N	1962.5	399139.4	6907124.8	1017	56642.44	99		0	56642.44
1124844	27/08/2016	214822	45	N	1962.5	399138.2	6907125.42	1021	56635.19	99		1	
1124844	27/08/2016	214750	45	N	1975	399145.87	6907135.53	1022	56617.29	99		0	56617.29
1124844	27/08/2016	214714	45	N	1987.5	399154.6	6907146.09	1019	56574.37	99		0	56574.37
1124844	27/08/2016	214642	45	N	2000	399159.43	6907155.4	1020	56538.34	99		0	56538.34
1124844	27/08/2016	214558	45	N	2012.5	399167.77	6907165.32	1020	56553.84	99		0	56553.84
1124844	27/08/2016	214522	45	N	2025	399174.1	6907173.32	1017	56566.03	99		0	56566.03
1124844	27/08/2016	214450	45	N	2037.5	399180.3	6907183.54	1018	56563.43	99		0	56563.43
1124844	27/08/2016	214414	45	N	2050	399185.98	6907194.75	1019	56595.21	99		0	56595.21
1124844	27/08/2016	214334	45	N	2062.5	399193.41	6907205.76	1019	56613.88	99		0	56613.88
1124844	27/08/2016	214302	45	N	2075	399200.42	6907215.43	1020	56615.95	99		0	56615.95
1124844	27/08/2016	214234	45	N	2087.5	399206.77	6907224.95	1021	56669.89	99		0	56669.89
1124844	27/08/2016	214202	45	N	2100	399216.78	6907236.75	1025	56709.68	99		0	56709.68
1124844	27/08/2016	214126	45	N	2112.5	399223.66	6907246.47	1023	56684.83	99		0	56684.83
1124844	27/08/2016	214058	45	N	2125	399230.32	6907256.42	1023	56656.15	99		0	56656.15
1124844	27/08/2016	214022	45	N	2137.5	399236.72	6907265.86	1026	56704.79	99		0	56704.79
1124844	27/08/2016	213954	45	N	2150	399243.26	6907278.19	1022	56733.59	99		0	56733.59
1124844	27/08/2016	213902	45	N	2162.5	399252.29	6907285.74	1022	56683.76	99		0	56683.76
1124844	27/08/2016	213826	45	N	2175	399259.22	6907295.62	1020	56700.06	99		0	56700.06
1124844	27/08/2016	213754	45	N	2187.5	399267.92	6907305.84	1019	56669.33	99		0	56669.33
1124844	27/08/2016	213726	45	N	2200	399274.98	6907314.76	1018	56680.1	99		0	56680.1
1124844	27/08/2016	213654	45	N	2212.5	399281.33	6907325.52	1017	56679.2	99		0	56679.2
1124844	27/08/2016	213626	45	N	2225	399287.62	6907336.3	1018	56747.58	99		0	56747.58
1124844	27/08/2016	213554	45	N	2237.5	399294.44	6907346.83	1019	56738.53	99		0	56738.53
1124844	27/08/2016	213522	45	N	2250	399300.07	6907357.69	1021	56688.01	99		0	56688.01
1124844	27/08/2016	213450	45	N	2262.5	399305.13	6907366.57	1021	56683.2	99		0	56683.2
1124844	27/08/2016	213418	45	N	2275	399314.45	6907378.06	1017	56729.31	99		0	56729.31
1124844	27/08/2016	213342	45	N	2287.5	399322.11	6907387.15	1015	56695.78	99		0	56695.78
1124844	27/08/2016	213306	45	N	2300	399328.23	6907397.89	1016	56670.94	99		0	56670.94
1124844	27/08/2016	213218	45	N	2312.5	399334.96	6907408.82	1016	56707.63	99		0	56707.63
1124844	27/08/2016	213134	45	N	2325	399343.35	6907416.99	1015	56702.64	99		0	56702.64
1124844	27/08/2016	212734	45	N	2337.5	399354.26	6907423.91	1011	56703.17	99		0	56703.17
1124844	27/08/2016	212630	45	N	2350	399355.96	6907435.54	1013	56738.17	99		0	56738.17
1124844	27/08/2016	212606	45	N	2350	399356.3	6907436.2	1013	56741.07	99		1	
1124844	29/08/2016	191926	46	N	0.00	395002.98	6908291.53	1145.00	57236.94	99		0	57236.94
1124844	29/08/2016	191958	46	N	0.00	395002.96	6908290.23	1144.00	57210.24	99		2	
1124844	29/08/2016	192014	46	N	0.00	395002.85	6908290.77	1144.00	57223.03	99		2	
1124844	29/08/2016	191850	46	N	12.50	395009.36	6908302.42	1146.00	57192.28	99		0	57192.28
1124844	29/08/2016	191818	46	N	25.00	395017.35	6908311.36	1147.00	57211.34	99		0	57211.34
1124844	29/08/2016	191746	46	N	37.50	395023.47	6908325.51	1150.00	57162.04	99		0	57162.04
1124844	29/08/2016	191710	46	N	50.00	395031.29	6908333.54	1151.00	57287.92	99		0	57287.92
1124844	29/08/2016	191450	46	N	62.50	395044.15	6908347.85	1156.00	57296.57	99		0	57296.57
1124844	29/08/2016	191414	46	N	75.00	395047.84	6908353.79	1150.00	57265.19	99		0	57265.19
1124844	29/08/2016	191334	46	N	87.50	395060.29	6908362.63	1150.00	57302.07	99		0	57302.07
1124844	29/08/2016	191254	46	N	100.00	395067.00	6908374.51	1153.00	57272.21	99		0	57272.21
1124844	29/08/2016	191214	46	N	112.50	395073.12	6908385.10	1157.00	57232.41	99		0	57232.41
1124844	29/08/2016	191122	46	N	125.00	395077.37	6908395.99	1158.00	57299.33	99		0	57299.33
1124844	29/08/2016	191042	46	N	137.50	395081.23	6908403.41	1159.00	57238.71	99		0	57238.71
1124844	29/08/2016	191002	46	N	150.00	395086.47	6908415.12	1161.00	57214.35	99		0	57214.35
1124844	29/08/2016	190906	46	N	162.50	395091.16	6908425.65	1166.00	57290.13	99		0	57290.13
1124844	29/08/2016	190830	46	N	175.00	395100.01	6908432.64	1164.00	57308.79	99		0	57308.79
1124844	29/08/2016	190734	46	N	187.50	395112.43	6908442.14	1167.00	57282.02	99		0	57282.02
1124844	29/08/2016	190702	46	N	200.00	395117.65	6908449.08	1168.00	57331.45	99		0	57331.45
1124844	29/08/2016	190618	46	N	212.50	395125.56	6908458.04	1172.00	57341.46	99		0	57341.46
1124844	29/08/2016	190542	46	N	225.00	395132.56	6908469.81	1170.00	57302.1	99		0	57302.1
1124844	29/08/2016	190518	46	N	237.50	395137.09	6908479.19	1175.00	57297.4	99		0	57297.4
11248													

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	29/08/2016	192814	47	N	0.00	395075.61	6908255.57	1131.00	57250.05	99		0	57250.05
1124844	29/08/2016	193018	47	N	0.00	395076.44	6908256.95	1133.00	57266.29	99		2	
1124844	29/08/2016	193034	47	N	0.00	395075.92	6908260.74	1144.00	57263.15	99		1	
1124844	29/08/2016	193050	47	N	0.00	395075.96	6908261.04	1145.00	57260.87	99		1	
1124844	29/08/2016	193106	47	N	0.00	395075.98	6908261.07	1145.00	57260.14	99		1	
1124844	29/08/2016	193338	47	N	12.50	395083.00	6908266.58	1132.00	57184.06	99		0	57184.06
1124844	29/08/2016	193434	47	N	25.00	395090.40	6908272.84	1135.00	57333.28	99		0	57333.28
1124844	29/08/2016	193514	47	N	37.50	395098.21	6908279.79	1137.00	57206.64	69		0	57206.64
1124844	29/08/2016	193606	47	N	50.00	395108.92	6908288.39	1144.00	57248.75	99		0	57248.75
1124844	29/08/2016	193718	47	N	62.50	395115.99	6908294.84	1143.00	57127.81	79		0	57127.81
1124844	29/08/2016	193818	47	N	75.00	395121.92	6908307.74	1147.00	57166.73	79		0	57166.73
1124844	29/08/2016	193858	47	N	87.50	395128.60	6908318.75	1150.00	57246.99	99		0	57246.99
1124844	29/08/2016	193930	47	N	100.00	395134.25	6908327.48	1151.00	57207.36	89		0	57207.36
1124844	29/08/2016	194014	47	N	112.50	395139.70	6908336.81	1153.00	57176.43	99		0	57176.43
1124844	29/08/2016	194102	47	N	125.00	395146.20	6908348.61	1155.00	57239.55	99		0	57239.55
1124844	29/08/2016	194142	47	N	137.50	395154.46	6908355.40	1159.00	57296.99	99		0	57296.99
1124844	29/08/2016	194238	47	N	150.00	395160.56	6908365.10	1161.00	57320.17	99		0	57320.17
1124844	29/08/2016	194402	47	N	162.50	395168.45	6908374.60	1164.00	57344.2	99		0	57344.2
1124844	29/08/2016	194450	47	N	175.00	395177.62	6908387.49	1167.00	57352.89	99		0	57352.89
1124844	29/08/2016	194546	47	N	187.50	395183.98	6908395.67	1168.00	57328.53	79		0	57328.53
1124844	29/08/2016	194626	47	N	200.00	395187.66	6908405.24	1167.00	57383.82	99		0	57383.82
1124844	29/08/2016	194658	47	N	212.50	395193.49	6908414.38	1169.00	57385.74	99		0	57385.74
1124844	29/08/2016	194750	47	N	225.00	395201.35	6908426.82	1171.00	57398.89	99		0	57398.89
1124844	29/08/2016	194826	47	N	237.50	395206.17	6908436.36	1173.00	57416.98	99		0	57416.98
1124844	29/08/2016	194858	47	N	250.00	395213.44	6908444.72	1180.00	57465.34	99		0	57465.34
1124844	29/08/2016	194930	47	N	262.50	395220.04	6908456.07	1183.00	57360.43	99		0	57360.43
1124844	29/08/2016	195006	47	N	275.00	395229.48	6908464.76	1183.00	57414.61	99		0	57414.61
1124844	29/08/2016	195038	47	N	287.50	395237.93	6908473.84	1184.00	57400.48	99		0	57400.48
1124844	29/08/2016	195114	47	N	300.00	395245.94	6908484.19	1188.00	57450.01	99		0	57450.01
1124844	29/08/2016	195146	47	N	312.50	395253.04	6908492.77	1189.00	57382.31	99		0	57382.31
1124844	29/08/2016	195302	47	N	325.00	395258.79	6908503.08	1192.00	57393.02	99		0	57393.02
1124844	29/08/2016	195426	47	N	337.50	395264.88	6908512.08	1192.00	57408.76	99		0	57408.76
1124844	29/08/2016	195458	47	N	350.00	395269.76	6908521.81	1195.00	57416.89	99		0	57416.89
1124844	29/08/2016	195530	47	N	362.50	395277.21	6908531.07	1198.00	57430.79	99		0	57430.79
1124844	29/08/2016	195638	47	N	375.00	395285.59	6908541.66	1200.00	57481.13	99		0	57481.13
1124844	29/08/2016	195854	47	N	387.50	395296.18	6908549.67	1204.00	57495.71	99		0	57495.71
1124844	29/08/2016	195926	47	N	400.00	395302.35	6908557.92	1205.00	57461.22	99		0	57461.22
1124844	29/08/2016	200010	47	N	412.50	395308.31	6908570.17	1207.00	57430.55	99		0	57430.55
1124844	29/08/2016	200054	47	N	425.00	395311.06	6908584.11	1210.00	57393.36	99		0	57393.36
1124844	29/08/2016	200122	47	N	437.50	395314.43	6908594.82	1211.00	57423.73	99		0	57423.73
1124844	29/08/2016	200206	47	N	450.00	395324.61	6908601.34	1211.00	57442.06	99		0	57442.06
1124844	29/08/2016	200246	47	N	462.50	395334.66	6908607.63	1214.00	57387.52	99		0	57387.52
1124844	29/08/2016	200318	47	N	475.00	395343.24	6908618.46	1218.00	57352.95	99		0	57352.95
1124844	29/08/2016	200354	47	N	487.50	395351.62	6908626.54	1219.00	57338.29	99		0	57338.29
1124844	29/08/2016	200430	47	N	500.00	395359.39	6908635.49	1221.00	57332.02	99		0	57332.02
1124844	29/08/2016	200510	47	N	512.50	395366.66	6908645.39	1223.00	57329.61	99		0	57329.61
1124844	29/08/2016	200546	47	N	525.00	395374.06	6908655.46	1225.00	57359.67	99		0	57359.67
1124844	29/08/2016	200622	47	N	537.50	395377.38	6908667.19	1226.00	57378.36	99		0	57378.36
1124844	29/08/2016	200702	47	N	550.00	395381.03	6908677.81	1228.00	57313.27	99		0	57313.27
1124844	29/08/2016	200746	47	N	562.50	395390.08	6908687.46	1231.00	57370.07	99		0	57370.07
1124844	29/08/2016	200858	47	N	575.00	395401.67	6908694.52	1232.00	57360.02	99		0	57360.02
1124844	29/08/2016	200938	47	N	587.50	395409.48	6908702.38	1234.00	57317.01	99		0	57317.01
1124844	29/08/2016	201046	47	N	600.00	395415.59	6908712.51	1235.00	57263.69	99		0	57263.69
1124844	29/08/2016	201126	47	N	612.50	395421.17	6908723.17	1236.00	57296.85	99		0	57296.85
1124844	29/08/2016	201206	47	N	625.00	395428.39	6908734.70	1237.00	57342.74	99		0	57342.74
1124844	29/08/2016	201242	47	N	637.50	395433.13	6908741.91	1238.00	57339.56	99		0	57339.56
1124844	29/08/2016	201326	47	N	650.00	395440.30	6908750.78	1240.00	57375.2	99		0	57375.2
1124844	29/08/2016	201402	47	N	662.50	395449.20	6908761.36	1242.00	57371.58	99		0	57371.58
1124844	29/08/2016	201454	47	N	675.00	395455.68	6908771.03	1244.00	57348.71	99		0	57348.71
1124844	29/08/2016	201530	47	N	687.50	395463.23	6908780.92	1246.00	57318.1	99		0	57318.1
1124844	29/08/2016	201602	47	N	700.00	395468.78	6908793.29	1248.00	57351.12	99		0	57351.12
1124844	29/08/2016	201630	47	N	712.50	395474.29	6908801.43	1249.00	57359.1	99		0	57359.1
1124844	29/08/2016	201706	47	N	725.00	395481.72	6908813.12	1252.00	57356.43	99		0	57356.43
1124844	29/08/2016	201738	47	N	737.50	395491.84	6908822.65	1255.00	57386.24	99		0	57386.24
1124844	29/08/2016	201810	47	N	750.00	395499.17	6908828.95	1256.00	57391.09	99		0	57391.09
1124844	29/08/2016	201842	47	N	762.50	395507.53	6908837.68	1258.00	57420.11	99		0	57420.11
1124844	29/08/2016	201914	47	N	775.00	395514.09	6908848.79	1259.00	57434.69	99		0	57434.69
1124844	29/08/2016	201946	47	N	787.50	395520.01	6908861.06	1260.00	57384.58	99		0	57384.58
1124844	29/08/2016	202026	47	N	800.00	395526.26	6908875.04	1261.00	57425.16	99		0	57425.16
1124844	29/08/2016	202050	47	N	812.50	395530.45	6908882.22	1262.00	57428.31	99		0	57428.31
1124844	29/08/2016	202118	47	N	825.00	395537.26	6908892.57	1261.00	57471.3	99		0	57471.3
1124844	29/08/2016	202146	47	N	837.50	395545.06	6908902.40	1259.00	57490.19	99		0	57490.19
1124844	29/08/2016	202214	47	N	850.00	395552.71	6908912.20	1257.00	57385.66	99		0	57385.66
1124844	29/08/2016	202246	47	N	862.50	395561.07	6908921.56	1255.00	57440.08	99		0	57440.08
1124844	29/08/2016	202302	47	N	862.50	395561.12	6908921.47	1255.00	57442.83	99		1	
1124844	29/08/2016	202322	47	N	862.50	395561.08	6908921.64	1255.00	57443.67	99		1	
1124844	29/08/2016	212042	48	N	0.00	395121.59	6908197.18	1143.00	57292.39	99		0	57292.39
1124844	29/08/2016	212058	48	N	0.00	395121.41	6908197.39	1144.00	57291.95	99		1	
1124844	29/08/2016	212114	48	N	0.00	395121.37	6908197.33	1144.00	57294.57	99		1	
1124844	29/08/2016	212130	48	N	0.00	395121.45	6908196.95	1144.00	57292.22	99		1	
1124844	29/08/2016	212002	48	N	12.50	395130.62	6908207.84	1144.00	57270.37	99		0	57270.37
1124844	29/08/2016	211930	48	N	25.00	395138.24	6908216.69	1147.00	57273.03	99		0	

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	29/08/2016	204110	48	N	675.00	395494.26	6908735.76	1246.00	57341.97	99		0	57341.97
1124844	29/08/2016	204046	48	N	687.50	395500.02	6908746.08	1247.00	57370.6	99		0	57370.6
1124844	29/08/2016	204014	48	N	700.00	395505.87	6908753.78	1249.00	57380.08	99		0	57380.08
1124844	29/08/2016	203934	48	N	712.50	395514.42	6908766.34	1251.00	57341.19	99		0	57341.19
1124844	29/08/2016	203910	48	N	725.00	395519.78	6908773.74	1252.00	57335.62	99		0	57335.62
1124844	29/08/2016	203830	48	N	737.50	395529.68	6908787.40	1255.00	57374.86	99		0	57374.86
1124844	29/08/2016	203742	48	N	750.00	395537.17	6908798.01	1256.00	57389.34	99		0	57389.34
1124844	29/08/2016	203642	48	N	762.50	395544.01	6908808.33	1258.00	57526	99		0	57526
1124844	29/08/2016	203614	48	N	775.00	395550.48	6908817.20	1258.00	57446.27	99		0	57446.27
1124844	29/08/2016	203550	48	N	787.50	395557.63	6908827.01	1260.00	57387.29	99		0	57387.29
1124844	29/08/2016	203518	48	N	800.00	395565.05	6908836.93	1260.00	57353.02	99		0	57353.02
1124844	29/08/2016	203450	48	N	812.50	395572.28	6908847.25	1261.00	57383.85	99		0	57383.85
1124844	29/08/2016	203422	48	N	825.00	395580.12	6908858.00	1263.00	57399.51	99		0	57399.51
1124844	29/08/2016	203342	48	N	837.50	395587.76	6908866.97	1263.00	57409.48	99		0	57409.48
1124844	29/08/2016	203314	48	N	850.00	395595.81	6908877.90	1263.00	57448.57	99		0	57448.57
1124844	29/08/2016	202902	48	N	862.50	395596.36	6908891.00	1264.00	57891.95	19	Bad Point	9	
1124844	29/08/2016	203154	48	N	862.50	395604.21	6908890.80	1263.00	57533.02	99		2	
1124844	29/08/2016	203230	48	N	862.50	395604.48	6908890.50	1263.00	57527.25	99		0	57527.25
1124844	29/08/2016	214526	49	N	0.00	395162.46	6908167.24	1149.00	57324.07	99		0	57324.07
1124844	29/08/2016	214542	49	N	0.00	395161.84	6908166.99	1148.00	57325.37	99		1	
1124844	29/08/2016	214614	49	N	12.50	395168.18	6908176.07	1149.00	57237.76	99		0	57237.76
1124844	29/08/2016	214702	49	N	25.00	395176.19	6908186.66	1150.00	57318.37	99		0	57318.37
1124844	29/08/2016	214750	49	N	37.50	395183.49	6908196.16	1153.00	57236.03	99		0	57236.03
1124844	29/08/2016	214830	49	N	50.00	395191.47	6908207.76	1155.00	57270.51	99		0	57270.51
1124844	29/08/2016	214902	49	N	62.50	395198.34	6908216.82	1157.00	57285.23	99		0	57285.23
1124844	29/08/2016	214934	49	N	75.00	395207.09	6908224.97	1160.00	57320.84	99		0	57320.84
1124844	29/08/2016	215006	49	N	87.50	395212.09	6908232.84	1161.00	57242.43	99		0	57242.43
1124844	29/08/2016	215042	49	N	100.00	395219.13	6908242.74	1163.00	57299.38	99		0	57299.38
1124844	29/08/2016	215114	49	N	112.50	395224.74	6908255.29	1165.00	57238.58	79		0	57238.58
1124844	29/08/2016	215222	49	N	125.00	395232.28	6908266.36	1168.00	57259.42	99		0	57259.42
1124844	29/08/2016	215258	49	N	137.50	395238.05	6908275.31	1170.00	57286.79	99		0	57286.79
1124844	29/08/2016	215334	49	N	150.00	395246.20	6908285.16	1173.00	57304.51	99		0	57304.51
1124844	29/08/2016	215402	49	N	162.50	395251.98	6908296.38	1174.00	57288.29	99		0	57288.29
1124844	29/08/2016	215450	49	N	175.00	395259.48	6908306.60	1175.00	57275.78	99		0	57275.78
1124844	29/08/2016	215526	49	N	187.50	395266.58	6908315.09	1178.00	57332.62	99		0	57332.62
1124844	29/08/2016	215610	49	N	200.00	395274.04	6908325.81	1180.00	57314.46	99		0	57314.46
1124844	29/08/2016	215642	49	N	212.50	395281.30	6908336.04	1181.00	57299.64	99		0	57299.64
1124844	29/08/2016	215718	49	N	225.00	395288.72	6908346.42	1183.00	57298.85	99		0	57298.85
1124844	29/08/2016	215758	49	N	237.50	395293.65	6908357.78	1184.00	57353.36	99		0	57353.36
1124844	29/08/2016	215838	49	N	250.00	395299.07	6908365.23	1186.00	57343.21	99		0	57343.21
1124844	29/08/2016	215954	49	N	262.50	395309.28	6908377.49	1189.00	57439.66	99		0	57439.66
1124844	29/08/2016	220050	49	N	275.00	395315.19	6908385.46	1190.00	57435.95	99		0	57435.95
1124844	29/08/2016	220130	49	N	287.50	395323.22	6908394.90	1194.00	57354.15	99		0	57354.15
1124844	29/08/2016	220226	49	N	300.00	395328.41	6908407.86	1200.00	57338.7	99		0	57338.7
1124844	29/08/2016	220654	49	N	312.50	395331.52	6908416.39	1198.00	57359.03	99		0	57359.03
1124844	29/08/2016	220818	49	N	325.00	395337.25	6908427.38	1199.00	57383.16	79		0	57383.16
1124844	29/08/2016	220834	49	N	325.00	395337.03	6908427.36	1199.00	57384.37	99		1	
1124844	29/08/2016	220950	49	N	337.50	395345.34	6908438.25	1199.00	57365.14	99		0	57365.14
1124844	29/08/2016	221030	49	N	350.00	395352.96	6908445.46	1200.00	57364.7	99		0	57364.7
1124844	29/08/2016	221110	49	N	362.50	395362.45	6908454.40	1206.00	57327.49	99		0	57327.49
1124844	29/08/2016	221150	49	N	375.00	395368.69	6908462.56	1209.00	57360.14	99		0	57360.14
1124844	29/08/2016	221234	49	N	387.50	395374.66	6908471.80	1210.00	57295.51	99		0	57295.51
1124844	29/08/2016	221310	49	N	400.00	395380.64	6908483.51	1211.00	57325.6	99		0	57325.6
1124844	29/08/2016	221414	49	N	412.50	395387.18	6908493.34	1213.00	57307.84	99		0	57307.84
1124844	29/08/2016	221450	49	N	425.00	395393.06	6908505.62	1215.00	57384.36	99		0	57384.36
1124844	29/08/2016	221522	49	N	437.50	395399.32	6908514.49	1215.00	57405.34	99		0	57405.34
1124844	29/08/2016	221614	49	N	450.00	395408.38	6908525.32	1218.00	57377.63	99		0	57377.63
1124844	29/08/2016	221646	49	N	462.50	395414.76	6908533.01	1219.00	57339.18	99		0	57339.18
1124844	29/08/2016	221730	49	N	475.00	395423.14	6908542.88	1222.00	57284.51	99		0	57284.51
1124844	29/08/2016	221814	49	N	487.50	395428.94	6908553.33	1223.00	57299.17	99		0	57299.17
1124844	29/08/2016	221858	49	N	500.00	395436.21	6908560.37	1224.00	57286.44	99		0	57286.44
1124844	29/08/2016	221930	49	N	512.50	395444.30	6908569.77	1227.00	57436.38	99		0	57436.38
1124844	29/08/2016	222018	49	N	525.00	395451.32	6908581.17	1228.00	57410.01	99		0	57410.01
1124844	29/08/2016	222158	49	N	537.50	395458.19	6908590.18	1230.00	57369.02	99		0	57369.02
1124844	29/08/2016	222246	49	N	550.00	395465.38	6908598.71	1232.00	57334.65	99		0	57334.65
1124844	29/08/2016	222326	49	N	562.50	395471.97	6908609.82	1234.00	57335.82	99		0	57335.82
1124844	29/08/2016	222402	49	N	575.00	395477.59	6908621.04	1234.00	57325.37	99		0	57325.37
1124844	29/08/2016	222446	49	N	587.50	395483.59	6908630.92	1236.00	57214.75	69		2	
1124844	29/08/2016	222502	49	N	587.50	395483.80	6908631.00	1236.00	57336.91	99		0	57336.91
1124844	29/08/2016	222546	49	N	600.00	395492.34	6908641.13	1238.00	57263.99	99		0	57263.99
1124844	29/08/2016	222618	49	N	612.50	395500.93	6908649.29	1240.00	57279.51	99		0	57279.51
1124844	29/08/2016	222754	49	N	625.00	395509.72	6908656.79	1241.00	57326.96	99		0	57326.96
1124844	29/08/2016	222838	49	N	637.50	395515.42	6908668.75	1243.00	57281.6	99		0	57281.6
1124844	29/08/2016	222918	49	N	650.00	395521.86	6908680.13	1245.00	57316.88	99		0	57316.88
1124844	29/08/2016	222946	49	N	662.50	395527.75	6908689.17	1245.00	57343.7	99		0	57343.7
1124844	29/08/2016	223018	49	N	675.00	395532.27	6908700.28	1247.00	57360.88	99		0	57360.88
1124844	29/08/2016	223050	49	N	687.50	395539.06	6908710.19	1249.00	57317.76	99		0	57317.76
1124844	29/08/2016	223126	49	N	700.00	395547.26	6908720.07	1251.00	57297.08	99		0	57297.08
1124844	29/08/2016	223158	49	N	712.50	395556.10	6908730.68	1253.00	57320.12	99		0	57320.12
1124844	29/08/2016	223418	49	N	725.00	395562.15	6908738.00	1254.00	57332.04	99		0	57332.04
1124844	29/08/2016	223502	49	N	737.50	395569.28	6908748.51	1255.00	57319.59	99		0	57319.59
1124844	29/08/2016	223602	49	N	750.00	395575.19	69087						

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	29/08/2016	231410	50	N	487.50	395506.87	6908490.62	1231.00	57313.61	99		0	57313.61
1124844	29/08/2016	231238	50	N	500.00	395512.20	6908501.13	1233.00	57416.42	99		0	57416.42
1124844	29/08/2016	231210	50	N	512.50	395520.25	6908510.58	1235.00	57380.83	99		0	57380.83
1124844	29/08/2016	231142	50	N	525.00	395527.99	6908519.81	1236.00	57444.42	99		0	57444.42
1124844	29/08/2016	231114	50	N	537.50	395534.89	6908528.83	1238.00	57318.63	99		0	57318.63
1124844	29/08/2016	230954	50	N	550.00	395542.85	6908538.82	1238.00	57393.56	99		0	57393.56
1124844	29/08/2016	230918	50	N	562.50	395551.35	6908549.15	1239.00	57442.13	99		0	57442.13
1124844	29/08/2016	230858	50	N	575.00	395556.39	6908558.74	1241.00	57406.02	99		0	57406.02
1124844	29/08/2016	230834	50	N	587.50	395563.30	6908569.85	1242.00	57507.28	99		0	57507.28
1124844	29/08/2016	230746	50	N	600.00	395570.07	6908579.48	1244.00	57393.46	99		0	57393.46
1124844	29/08/2016	230722	50	N	612.50	395576.89	6908588.99	1246.00	57378.81	99		0	57378.81
1124844	29/08/2016	230658	50	N	625.00	395584.30	6908600.06	1247.00	57448.75	99		0	57448.75
1124844	29/08/2016	230634	50	N	637.50	395591.62	6908610.48	1249.00	57377.39	99		0	57377.39
1124844	29/08/2016	230610	50	N	650.00	395598.68	6908621.41	1250.00	57333.36	99		0	57333.36
1124844	29/08/2016	230546	50	N	662.50	395605.99	6908630.62	1252.00	57347.22	99		0	57347.22
1124844	29/08/2016	230522	50	N	675.00	395614.43	6908641.01	1254.00	57335.38	99		0	57335.38
1124844	29/08/2016	230454	50	N	687.50	395622.13	6908651.91	1256.00	57287.48	99		0	57287.48
1124844	29/08/2016	230434	50	N	700.00	395626.80	6908660.35	1257.00	57389.83	99		0	57389.83
1124844	29/08/2016	230354	50	N	712.50	395634.80	6908671.79	1258.00	57322.12	99		0	57322.12
1124844	29/08/2016	230326	50	N	725.00	395641.79	6908682.41	1259.00	57358.59	99		0	57358.59
1124844	29/08/2016	230114	50	N	737.50	395646.00	6908693.35	1260.00	57328.35	99		0	57328.35
1124844	29/08/2016	230022	50	N	750.00	395653.44	6908704.40	1263.00	57363.18	99		0	57363.18
1124844	29/08/2016	225942	50	N	762.50	395659.89	6908714.58	1264.00	57368.1	99		0	57368.1
1124844	29/08/2016	225914	50	N	775.00	395666.63	6908724.55	1265.00	57393.36	99		0	57393.36
1124844	29/08/2016	225846	50	N	787.50	395673.70	6908734.66	1266.00	57365.97	99		0	57365.97
1124844	29/08/2016	225822	50	N	800.00	395680.84	6908742.74	1267.00	57366.52	99		0	57366.52
1124844	29/08/2016	225754	50	N	812.50	395689.38	6908752.87	1269.00	57382.04	99		0	57382.04
1124844	29/08/2016	225722	50	N	825.00	395696.68	6908762.74	1269.00	57357.12	99		0	57357.12
1124844	29/08/2016	225610	50	N	837.50	395706.16	6908773.42	1269.00	57377.41	99		0	57377.41
1124844	29/08/2016	225538	50	N	850.00	395714.24	6908783.98	1270.00	57353.72	99		0	57353.72
1124844	29/08/2016	225514	50	N	862.50	395721.77	6908793.13	1271.00	57356.03	99		0	57356.03
1124844	29/08/2016	225342	50	N	875.00	395729.55	6908803.57	1271.00	57381.16	99		0	57381.16
1124844	29/08/2016	225358	50	N	875.00	395729.65	6908803.70	1271.00	57388.15	99		1	
1124844	29/08/2016	225434	50	N	875.00	395729.54	6908803.32	1271.00	57370.52	99		2	
8042428	09/03/16	163106	58	N	500.00	395936.90	6908205.64	1160.00	57398.96	87		0	57398.96
8042428	09/03/16	163122	58	N	500.00	395937.26	6908206.20	1159.00	57379.53	99		2	
8042428	09/03/16	163222	58	N	500.00	395936.62	6908204.94	1159.00	57383.07	99		1	
8042428	09/03/16	163302	58	N	512.50	395939.94	6908215.04	1161.00	57369.8	99		0	57369.8
8042428	09/03/16	163514	58	N	525.00	395948.49	6908226.74	1163.00	57405.99	99		0	57405.99
8042428	09/03/16	163554	58	N	537.50	395955.71	6908238.40	1165.00	57377.9	99		0	57377.9
8042428	09/03/16	163710	58	N	550.00	395964.46	6908250.76	1167.00	57377.57	99		0	57377.57
8042428	09/03/16	163750	58	N	562.50	395968.56	6908260.54	1168.00	57311.34	99		0	57311.34
8042428	09/03/16	163830	58	N	575.00	395973.84	6908266.54	1171.00	57265.07	99		0	57265.07
8042428	09/03/16	163942	58	N	587.50	395980.73	6908277.64	1172.00	57351.72	99		0	57351.72
8042428	09/03/16	164046	58	N	600.00	395982.49	6908285.51	1174.00	57382.68	99		0	57382.68
8042428	09/03/16	164142	58	N	612.50	395991.21	6908297.72	1176.00	57343.96	99		0	57343.96
8042428	09/03/16	164218	58	N	625.00	395996.12	6908308.69	1177.00	57351.57	99		0	57351.57
8042428	09/03/16	164254	58	N	637.50	396001.84	6908318.01	1179.00	57350.16	99		0	57350.16
8042428	09/03/16	164346	58	N	650.00	396007.41	6908329.66	1181.00	57254.03	99		0	57254.03
8042428	09/03/16	164426	58	N	662.50	396017.45	6908339.32	1180.00	57345.92	99		0	57345.92
8042428	09/03/16	164514	58	N	675.00	396022.57	6908349.78	1182.00	57298.75	99		0	57298.75
8042428	09/03/16	164554	58	N	687.50	396028.45	6908359.11	1183.00	57287.56	99		0	57287.56
8042428	09/03/16	164634	58	N	700.00	396038.11	6908369.33	1186.00	57171.2	99		0	57171.2
8042428	09/03/16	164738	58	N	712.50	396044.59	6908379.29	1191.00	57284.54	99		0	57284.54
8042428	09/03/16	164818	58	N	725.00	396050.33	6908388.29	1189.00	57304.91	99		0	57304.91
8042428	09/03/16	165002	58	N	737.50	396057.30	6908402.52	1191.00	57343.75	99		0	57343.75
8042428	09/03/16	165050	58	N	750.00	396065.65	6908416.45	1193.00	57305.02	99		0	57305.02
8042428	09/03/16	165122	58	N	762.50	396067.51	6908424.33	1195.00	57256.98	99		0	57256.98
8042428	09/03/16	165206	58	N	775.00	396073.79	6908430.87	1193.00	57271.96	99		0	57271.96
8042428	09/03/16	165242	58	N	787.50	396080.39	6908439.83	1195.00	57243.69	79		0	57243.69
8042428	09/03/16	165310	58	N	787.50	396080.68	6908441.14	1192.00	57222.51	89		2	
8042428	09/03/16	165430	58	N	800.00	396088.21	6908452.32	1196.00	57215.46	69		0	57215.46
8042428	09/03/16	165450	58	N	800.00	396088.22	6908451.99	1197.00	57229.13	99		2	
8042428	09/03/16	165538	58	N	812.50	396095.25	6908462.32	1196.00	57165.21	99		0	57165.21
8042428	09/03/16	165618	58	N	825.00	396101.81	6908471.36	1195.00	57185.03	99		0	57185.03
8042428	09/03/16	170318	58	N	837.50	396110.70	6908480.24	1198.00	57270.8	99		0	57270.8
8042428	09/03/16	170422	58	N	850.00	396117.02	6908488.42	1198.00	57267.04	99		0	57267.04
8042428	09/03/16	170510	58	N	862.50	396124.08	6908499.99	1197.00	57260.34	99		0	57260.34
8042428	09/03/16	170558	58	N	875.00	396130.26	6908509.41	1202.00	57315.66	99		0	57315.66
8042428	09/03/16	170654	58	N	887.50	396138.46	6908522.28	1201.00	57237.52	99		0	57237.52
8042428	09/03/16	170730	58	N	900.00	396146.34	6908531.79	1201.00	57185.68	99		0	57185.68
8042428	09/03/16	170806	58	N	912.50	396149.94	6908541.63	1202.00	57224.52	99		0	57224.52
8042428	09/03/16	170854	58	N	925.00	396154.66	6908553.49	1205.00	57209.36	99		0	57209.36
8042428	09/03/16	170938	58	N	937.50	396162.49	6908564.36	1208.00	57256.81	99		0	57256.81
8042428	09/03/16	171026	58	N	950.00	396167.52	6908576.24	1207.00	57231.04	99		0	57231.04
8042428	09/03/16	171118	58	N	962.50	396174.67	6908584.66	1209.00	57284.23	99		0	57284.23
8042428	09/03/16	171210	58	N	975.00	396186.87	6908590.00	1211.00	57305.01	99		0	57305.01
8042428	09/03/16	171318	58	N	987.50	396195.23	6908597.96	1211.00	57435.65	99		0	57435.65
8042428	09/03/16	171430	58	N	1000.00	396203.03	6908607.27	1212.00	57352.47	99		0	57352.47
8042428	09/03/16	171510	58	N	1012.50	396209.40	6908615.82	1212.00	57381.24	99		0	57381.24
8042428	09/03/16	171550	58	N	1025.00	396217.21	6908626.75	1212.00	57338.17	99		0	57338.17
8042428	09/03/16	171622	58	N	1037.50	396224.34	6908636.97	1214.00	57266.59	99		0	57266.59
8042428	09/												

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042428	09/03/16	183210	60	N	875.00	396248.20	6908427.87	1187.00	57164.17	99		0	57164.17
8042428	09/03/16	183250	60	N	862.50	396240.67	6908416.64	1187.00	57152.18	99		0	57152.18
8042428	09/03/16	183330	60	N	850.00	396235.92	6908408.60	1187.00	57107.09	89		0	57107.09
8042428	09/03/16	183402	60	N	837.50	396226.89	6908397.77	1184.00	57116.43	79		0	57116.43
8042428	09/03/16	183418	60	N	837.50	396226.90	6908397.47	1183.00	57119.77	79		1	
8042428	09/03/16	183454	60	N	825.00	396218.32	6908385.76	1181.00	57125.68	99		0	57125.68
8042428	09/03/16	183526	60	N	812.50	396211.50	6908375.45	1180.00	57157.3	99		0	57157.30
8042428	09/03/16	183602	60	N	800.00	396203.81	6908369.42	1181.00	57065.7	49		0	57065.70
8042428	09/03/16	183654	60	N	787.50	396196.35	6908356.54	1177.00	57125.99	99		0	57125.99
8042428	09/03/16	183742	60	N	775.00	396189.97	6908345.36	1177.00	57145.47	99		0	57145.47
8042428	09/03/16	183826	60	N	762.50	396183.82	6908336.01	1178.00	57089.2	79		0	57089.20
8042428	09/03/16	183902	60	N	750.00	396178.09	6908327.33	1179.00	57218.18	99		0	57218.18
8042428	09/03/16	183942	60	N	737.50	396171.62	6908311.79	1174.00	57180.65	89		0	57180.65
8042428	09/03/16	184022	60	N	725.00	396165.39	6908304.70	1175.00	57253	99		0	57253.00
8042428	09/03/16	184214	60	N	712.50	396156.47	6908294.49	1175.00	57268.46	99		0	57268.46
8042428	09/03/16	184246	60	N	700.00	396147.12	6908282.54	1171.00	57229.1	99		0	57229.10
8042428	09/03/16	184318	60	N	687.50	396144.31	6908271.51	1164.00	57173.38	59		0	57173.38
8042428	09/03/16	184414	60	N	675.00	396136.55	6908265.01	1169.00	57291.23	89		0	57291.23
8042428	09/03/16	184454	60	N	662.50	396133.65	6908255.56	1163.00	57270.67	49		0	57270.67
8042428	09/03/16	184514	60	N	662.50	396132.45	6908257.67	1171.00	57265.54	59		1	
8042428	09/03/16	184534	60	N	662.50	396134.27	6908256.34	1164.00	57273.28	99		1	
8042428	09/03/16	184638	60	N	650.00	396126.00	6908245.97	1164.00	57207.7	99		0	57207.70
8042428	09/03/16	184734	60	N	637.50	396119.65	6908237.96	1162.00	57210.64	99		0	57210.64
8042428	09/03/16	184830	60	N	625.00	396117.30	6908232.44	1161.00	57191.66	99		0	57191.66
8042428	09/03/16	184914	60	N	612.50	396107.80	6908219.01	1159.00	57230.73	99		0	57230.73
8042428	09/03/16	184954	60	N	600.00	396099.48	6908208.32	1157.00	57233.93	99		0	57233.93
8042428	09/03/16	185030	60	N	587.50	396091.40	6908186.34	1149.00	57289.57	99		0	57289.57
8042428	09/03/16	185102	60	N	575.00	396082.40	6908186.05	1160.00	57329.21	99		0	57329.21
8042428	09/03/16	185138	60	N	562.50	396073.76	6908173.55	1157.00	57269.48	99		0	57269.48
8042428	09/03/16	185206	60	N	550.00	396065.78	6908162.90	1156.00	57307.97	99		0	57307.97
8042428	09/03/16	185242	60	N	537.50	396059.28	6908151.06	1154.00	57188.41	99		0	57188.41
8042428	09/03/16	185314	60	N	525.00	396053.72	6908142.01	1153.00	57279.16	99		0	57279.16
8042428	09/03/16	185346	60	N	512.50	396050.15	6908131.32	1150.00	57313.51	99		0	57313.51
8042428	09/03/16	185434	60	N	500.00	396042.48	6908118.43	1150.00	57245.32	89		0	57245.32
8042428	09/03/16	185510	60	N	487.50	396036.74	6908110.58	1150.00	57292.65	99		0	57292.65
8042428	09/03/16	185542	60	N	475.00	396033.09	6908102.57	1148.00	57142.56	99		0	57142.56
8042428	09/03/16	185622	60	N	462.50	396026.16	6908089.39	1144.00	57032.37	79		0	57032.37
8042428	09/03/16	185654	60	N	450.00	396018.73	6908078.57	1144.00	57246.59	99		0	57246.59
8042428	09/03/16	185730	60	N	437.50	396011.53	6908068.03	1143.00	57183.3	89		0	57183.30
8042428	09/03/16	185802	60	N	425.00	396005.64	6908057.68	1142.00	57187.57	99		0	57187.57
8042428	09/03/16	185834	60	N	412.50	395998.26	6908044.82	1137.00	57167.53	99		0	57167.53
8042428	09/03/16	185910	60	N	400.00	395993.42	6908035.71	1136.00	57207.62	99		0	57207.62
8042428	09/03/16	185954	60	N	387.50	395983.36	6908029.30	1137.00	57122.94	99		0	57122.94
8042428	09/03/16	190026	60	N	375.00	395974.80	6908019.85	1133.00	57173.25	99		0	57173.25
8042428	09/03/16	190102	60	N	362.50	395965.23	6908009.22	1127.00	57166.34	99		0	57166.34
8042428	09/03/16	190134	60	N	350.00	395956.89	6908000.62	1126.00	57146.34	99		0	57146.34
8042428	09/03/16	190202	60	N	337.50	395950.16	6907992.94	1125.00	57137.72	99		0	57137.72
8042428	09/03/16	190238	60	N	325.00	395943.55	6907983.50	1125.00	57130.11	99		0	57130.11
8042428	09/03/16	190306	60	N	312.50	395935.97	6907973.30	1122.00	57255.86	99		0	57255.86
8042428	09/03/16	190406	60	N	300.00	395931.64	6907965.22	1118.00	57228.1	99		0	57228.10
8042428	09/03/16	190442	60	N	287.50	395924.36	6907954.64	1125.00	57266.07	99		0	57266.07
8042428	09/03/16	190518	60	N	275.00	395916.75	6907946.45	1116.00	57253.8	99		0	57253.80
8042428	09/03/16	190554	60	N	262.50	395906.77	6907939.25	1117.00	57262.98	99		0	57262.98
8042428	09/03/16	190634	60	N	250.00	395896.37	6907929.91	1112.00	57249.66	99		0	57249.66
8042428	09/03/16	190750	60	N	237.50	395894.55	6907911.36	1107.00	57213.91	99		0	57213.91
8042428	09/03/16	190910	60	N	225.00	395888.91	6907904.80	1102.00	57253.53	99		0	57253.53
8042428	09/03/16	191002	60	N	212.50	395882.17	6907894.27	1100.00	57217.74	79		0	57217.74
8042428	09/03/16	191018	60	N	212.50	395882.07	6907894.17	1100.00	57192.84	99		2	
8042428	09/03/16	191102	60	N	200.00	395876.38	6907887.21	1105.00	57228.58	99		0	57228.58
8042428	09/03/16	191146	60	N	187.50	395868.94	6907873.06	1098.00	57244.57	99		0	57244.57
8042428	09/03/16	191226	60	N	175.00	395860.38	6907862.36	1097.00	57116.31	89		0	57116.31
8042428	09/03/16	191302	60	N	162.50	395854.18	6907854.06	1092.00	57201.82	99		0	57201.82
8042428	09/03/16	191342	60	N	150.00	395848.22	6907847.58	1089.00	57179.23	99		0	57179.23
8042428	09/03/16	191426	60	N	137.50	395840.96	6907835.68	1090.00	57166.3	99		0	57166.30
8042428	09/03/16	191522	60	N	125.00	395834.76	6907826.99	1084.00	57141.19	69		0	57141.19
8042428	09/03/16	191538	60	N	125.00	395834.74	6907826.12	1084.00	57189.22	99		2	
8042428	09/03/16	191650	60	N	112.50	395826.94	6907812.09	1080.00	57200.11	99		0	57200.11
8042428	09/03/16	191730	60	N	100.00	395820.49	6907800.05	1073.00	57223.48	99		0	57223.48
8042428	09/03/16	191810	60	N	87.50	395814.62	6907791.93	1072.00	57151.82	99		0	57151.82
8042428	09/03/16	191842	60	N	75.00	395808.21	6907781.74	1073.00	57168.98	99		0	57168.98
8042428	09/03/16	191918	60	N	62.50	395800.53	6907771.77	1070.00	57132.07	99		0	57132.07
8042428	09/03/16	191950	60	N	50.00	395792.64	6907765.70	1067.00	57185.43	99		0	57185.43
8042428	09/03/16	192022	60	N	37.50	395786.79	6907755.51	1066.00	57070.66	99		0	57070.66
8042428	09/03/16	192106	60	N	25.00	395779.22	6907746.72	1065.00	57109.41	99		0	57109.41
8042428	09/03/16	192134	60	N	12.50	395772.15	6907737.65	1061.00	57108.96	99		0	57108.96
8042428	09/03/16	192150	60	N	12.50	395772.86	6907738.65	1062.00	57117.88	99		1	
8042428	09/03/16	192206	60	N	12.50	395772.76	6907739.04	1062.00	57115.29	99		1	
8042428	09/03/16	192222	60	N	12.50	395772.05	6907739.23	1060.00	57104.94	99		2	
8042428	09/03/16	195454	62	N	0.00	395857.65	6907681.38	1072.00	57069.63	79		0	57069.63
8042428	09/03/16	195510	62	N	0.00	395857.74	6907681.55	1072.00	57073.42	79		1	
8042428	09/03/16	195706	62	N	12.50	395863.96	6907693.49	1075.00	57150.89	99		0	57150.89
8042428	09/03/16	195754	62	N	25.00	395867.97	6907700.16	1077.00	57124.18	49		0	57124.18
8042428	09/03/16	195810	62	N	25.00	395868.62	6907701.02	1077.00	57174.17	99		2	

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042428	09/03/16	203246	62	N	600.00	396185.49	6908144.83	1171.00	57214.52	89		0	57214.52
8042428	09/03/16	203318	62	N	612.50	396194.09	6908155.56	1172.00	57187.13	49		0	57187.13
8042428	09/03/16	203334	62	N	612.50	396194.38	6908155.56	1171.00	57188.94	99		1	
8042428	09/03/16	203402	62	N	625.00	396198.75	6908161.07	1171.00	57281.1	99		0	57281.10
8042428	09/03/16	203438	62	N	637.50	396206.41	6908172.73	1174.00	57279.82	89		0	57279.82
8042428	09/03/16	203510	62	N	650.00	396214.20	6908183.45	1176.00	57171.14	99		0	57171.14
8042428	09/03/16	203554	62	N	662.50	396220.66	6908191.58	1177.00	57233.25	99		0	57233.25
8042428	09/03/16	203634	62	N	675.00	396228.41	6908201.46	1177.00	57183.53	49		0	57183.53
8042428	09/03/16	203650	62	N	675.00	396228.34	6908201.41	1178.00	57180.92	49		1	
8042428	09/03/16	203706	62	N	675.00	396228.10	6908201.48	1176.00	57233.2	99		2	
8042428	09/03/16	203742	62	N	687.50	396236.31	6908211.77	1178.00	57165.93	79		0	57165.93
8042428	09/03/16	203818	62	N	700.00	396242.90	6908219.33	1179.00	57189.41	89		0	57189.41
8042428	09/03/16	203906	62	N	712.50	396249.76	6908228.38	1180.00	57128.64	49		0	57128.64
8042428	09/03/16	203926	62	N	712.50	396249.37	6908228.66	1179.00	57166.26	99		2	
8042428	09/03/16	204002	62	N	725.00	396254.93	6908240.81	1180.00	57132.83	99		0	57132.83
8042428	09/03/16	204038	62	N	737.50	396259.50	6908250.25	1179.00	57089.09	89		0	57089.09
8042428	09/03/16	204110	62	N	750.00	396266.52	6908259.95	1179.00	57255.41	79		0	57255.41
8042428	09/03/16	204142	62	N	762.50	396272.56	6908270.88	1179.00	57131.62	99		0	57131.62
8042428	09/03/16	204218	62	N	775.00	396279.18	6908280.33	1178.00	57031.29	89		0	57031.29
8042428	09/03/16	204250	62	N	787.50	396285.26	6908290.52	1178.00	57073.39	49		0	57073.39
8042428	09/03/16	204310	62	N	787.50	396285.27	6908290.22	1179.00	57075.37	69		1	
8042428	09/03/16	204358	62	N	800.00	396291.88	6908300.78	1178.00	57163.69	99		0	57163.69
8042428	09/03/16	204450	62	N	812.50	396299.98	6908312.41	1178.00	57168.45	99		0	57168.45
8042428	09/03/16	204534	62	N	825.00	396308.57	6908325.53	1178.00	57130.46	99		0	57130.46
8042428	09/03/16	204614	62	N	837.50	396313.39	6908336.39	1180.00	57168.83	99		0	57168.83
8042428	09/03/16	204646	62	N	850.00	396319.94	6908344.81	1182.00	57143.32	99		0	57143.32
8042428	09/03/16	204718	62	N	862.50	396325.80	6908353.74	1182.00	57186.23	99		0	57186.23
8042428	09/03/16	204750	62	N	875.00	396333.64	6908365.39	1183.00	57180.28	99		0	57180.28
8042428	09/03/16	204818	62	N	887.50	396339.27	6908374.64	1184.00	57067.27	69		0	57067.27
8042428	09/03/16	204834	62	N	887.50	396339.18	6908374.54	1184.00	57087.92	79		2	
8042428	09/03/16	204906	62	N	900.00	396346.59	6908384.37	1185.00	57145.04	99		0	57145.04
8042428	09/03/16	204938	62	N	912.50	396355.24	6908394.36	1187.00	57112.81	59		0	57112.81
8042428	09/03/16	204954	62	N	912.50	396355.03	6908394.45	1187.00	57165.53	99		2	
8042428	09/03/16	205030	62	N	925.00	396364.78	6908402.87	1189.00	57152.16	99		0	57152.16
8042428	09/03/16	205106	62	N	937.50	396371.50	6908412.64	1189.00	57180.72	99		0	57180.72
8042428	09/03/16	205142	62	N	950.00	396379.59	6908421.80	1189.00	57172.38	99		0	57172.38
8042428	09/03/16	205218	62	N	962.50	396384.44	6908430.02	1192.00	57225.1	99		0	57225.10
8042428	09/03/16	205250	62	N	975.00	396389.38	6908441.06	1192.00	57194.76	99		0	57194.76
8042428	09/03/16	205350	62	N	987.50	396395.36	6908450.37	1194.00	57307.58	99		0	57307.58
8042428	09/03/16	205430	62	N	1000.00	396401.91	6908459.85	1195.00	57232.26	99		0	57232.26
8042428	09/03/16	205502	62	N	1012.50	396410.25	6908469.25	1196.00	57260.49	99		0	57260.49
8042428	09/03/16	205546	62	N	1025.00	396417.82	6908478.63	1196.00	57222.71	99		0	57222.71
8042428	09/03/16	205618	62	N	1037.50	396424.91	6908487.81	1197.00	57247.89	99		0	57247.89
8042428	09/03/16	205654	62	N	1050.00	396430.02	6908500.06	1198.00	57314.06	89		0	57314.06
8042428	09/03/16	205726	62	N	1062.50	396434.18	6908510.69	1200.00	57283.62	99		0	57283.62
8042428	09/03/16	205758	62	N	1075.00	396440.82	6908523.78	1200.00	57254.04	69		0	57254.04
8042428	09/03/16	205834	62	N	1087.50	396449.61	6908534.21	1201.00	57242.35	99		0	57242.35
8042428	09/03/16	205902	62	N	1100.00	396455.40	6908542.65	1202.00	57278.79	99		0	57278.79
8042428	09/03/16	205930	62	N	1112.50	396461.15	6908551.84	1203.00	57226.96	99		0	57226.96
8042428	09/03/16	210002	62	N	1125.00	396468.93	6908562.69	1204.00	57247.88	99		0	57247.88
8042428	09/03/16	210026	62	N	1137.50	396474.92	6908572.17	1205.00	57348.7	99		0	57348.70
8042428	09/03/16	210054	62	N	1150.00	396482.09	6908582.05	1206.00	57253.9	99		0	57253.90
8042428	09/03/16	210122	62	N	1162.50	396488.97	6908591.31	1207.00	57358.84	99		0	57358.84
8042428	09/03/16	210150	62	N	1175.00	396498.62	6908602.99	1207.00	57244.63	79		0	57244.63
8042428	09/03/16	210222	62	N	1187.50	396506.41	6908611.58	1208.00	57358.18	99		0	57358.18
8042428	09/03/16	210250	62	N	1200.00	396516.66	6908619.92	1209.00	57307.56	99		0	57307.56
8042428	09/03/16	210318	62	N	1212.50	396522.90	6908631.10	1208.00	57270.78	99		0	57270.78
8042428	09/03/16	210346	62	N	1225.00	396527.42	6908641.40	1209.00	57227.27	99		0	57227.27
8042428	09/03/16	210418	62	N	1237.50	396533.71	6908651.42	1209.00	57295.25	99		0	57295.25
8042428	09/03/16	210442	62	N	1250.00	396539.59	6908660.42	1209.00	57327.47	99		0	57327.47
8042428	09/03/16	210518	62	N	1262.50	396548.51	6908670.08	1210.00	57271.85	99		0	57271.85
8042428	09/03/16	210534	62	N	1262.50	396548.13	6908669.96	1211.00	57272.04	99		1	
8042428	09/03/16	211150	64	N	1262.50	396626.18	6908606.79	1207.00	57347.12	99		0	57347.12
8042428	09/03/16	211206	64	N	1262.50	396626.50	6908606.89	1207.00	57342.43	99		1	
8042428	09/03/16	211234	64	N	1262.50	396626.75	6908607.03	1207.00	57347.14	99		1	
8042428	09/03/16	211310	64	N	1250.00	396619.71	6908595.24	1208.00	57360.44	99		0	57360.44
8042428	09/03/16	211350	64	N	1237.50	396611.96	6908587.98	1205.00	57306.58	99		0	57306.58
8042428	09/03/16	211426	64	N	1225.00	396604.40	6908577.82	1206.00	57186.51	99		0	57186.51
8042428	09/03/16	211458	64	N	1212.50	396595.03	6908568.37	1206.00	57324.63	99		0	57324.63
8042428	09/03/16	211542	64	N	1200.00	396587.91	6908560.83	1205.00	57441.42	99		0	57441.42
8042428	09/03/16	211614	64	N	1187.50	396577.36	6908550.64	1205.00	57429.06	99		0	57429.06
8042428	09/03/16	211714	64	N	1175.00	396574.94	6908542.27	1204.00	57277.66	99		0	57277.66
8042428	09/03/16	211746	64	N	1162.50	396567.06	6908532.07	1203.00	57354.3	99		0	57354.30
8042428	09/03/16	211814	64	N	1150.00	396560.66	6908522.51	1204.00	57218.66	89		0	57218.66
8042428	09/03/16	211846	64	N	1137.50	396554.15	6908508.70	1202.00	57332.32	99		0	57332.32
8042428	09/03/16	211910	64	N	1125.00	396549.67	6908501.05	1202.00	57277.39	99		0	57277.39
8042428	09/03/16	211950	64	N	1112.50	396542.06	6908489.06	1201.00	57336.23	99		0	57336.23
8042428	09/03/16	212026	64	N	1100.00	396537.16	6908478.54	1200.00	57227.52	99		0	57227.52
8042428	09/03/16	212058	64	N	1087.50	396529.56	6908467.41	1199.00	57236.33	99		0	57236.33
8042428	09/03/16	212134	64	N	1075.00	396518.46	6908457.13	1198.00	57190.21	99		0	57190.21
8042428	09/03/16	212202	64	N	1062.50	396514.26	6908450.58	1198.00	57181.64	99		0	57181.64
8042428	09/03/16	212238	64	N	1050.00	396508.98	6908443.86	1197.00	57211.54	79		0	57211.54
8042428	09/03/16	212310	64	N	1037.50	396502.49	6908						

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042428	09/03/16	215534	64	N	437.50	396168.96	6907950.79	1159.00	57143.86	69		0	57143.86
8042428	09/03/16	215550	64	N	437.50	396170.02	6907949.48	1165.00	57222.9	99		2	
8042428	09/03/16	215618	64	N	425.00	396162.90	6907941.08	1161.00	57208.32	69		0	57208.32
8042428	09/03/16	215634	64	N	425.00	396162.92	6907940.21	1159.00	57219.65	69		2	
8042428	09/03/16	215702	64	N	412.50	396157.46	6907926.25	1152.00	57332.82	99		0	57332.82
8042428	09/03/16	215734	64	N	400.00	396148.84	6907922.15	1151.00	57206.68	99		0	57206.68
8042428	09/03/16	215814	64	N	387.50	396140.40	6907910.23	1150.00	57335.93	99		0	57335.93
8042428	09/03/16	215846	64	N	375.00	396135.10	6907900.75	1147.00	57220.27	59		0	57220.27
8042428	09/03/16	215902	64	N	375.00	396135.08	6907901.56	1144.00	57340.54	69		2	
8042428	09/03/16	215918	64	N	375.00	396134.91	6907900.99	1145.00	57330.99	69		1	
8042428	09/03/16	215942	64	N	362.50	396130.12	6907891.03	1144.00	57245.94	79		0	57245.94
8042428	09/03/16	220014	64	N	350.00	396124.61	6907879.41	1136.00	57246.51	99		0	57246.51
8042428	09/03/16	220050	64	N	337.50	396116.56	6907871.62	1138.00	57200.65	99		0	57200.65
8042428	09/03/16	220146	64	N	325.00	396111.48	6907858.03	1134.00	57147.57	99		0	57147.57
8042428	09/03/16	220214	64	N	312.50	396105.38	6907847.33	1131.00	57113.36	99		0	57113.36
8042428	09/03/16	220258	64	N	300.00	396096.87	6907841.88	1128.00	57155.05	69		0	57155.05
8042428	09/03/16	220322	64	N	300.00	396097.07	6907841.26	1129.00	57135.57	99		2	
8042428	09/03/16	220350	64	N	287.50	396088.22	6907832.01	1128.00	57158.91	99		0	57158.91
8042428	09/03/16	220426	64	N	275.00	396080.53	6907823.23	1128.00	57159.42	49		0	57159.42
8042428	09/03/16	220522	64	N	262.50	396074.70	6907814.40	1124.00	57176.05	89		0	57176.05
8042428	09/03/16	220606	64	N	250.00	396068.23	6907802.86	1119.00	57243.94	99		0	57243.94
8042428	09/03/16	220642	64	N	237.50	396059.50	6907792.05	1122.00	57169.97	69		0	57169.97
8042428	09/03/16	220702	64	N	237.50	396061.11	6907792.87	1119.00	57178.26	79		1	
8042428	09/03/16	220746	64	N	225.00	396054.58	6907783.90	1117.00	57182.39	99		0	57182.39
8042428	09/03/16	220822	64	N	212.50	396050.75	6907774.12	1114.00	57218.43	99		0	57218.43
8042428	09/03/16	220858	64	N	200.00	396044.68	6907764.66	1110.00	57211.05	99		0	57211.05
8042428	09/03/16	220934	64	N	187.50	396037.66	6907753.38	1112.00	57222.12	89		0	57222.12
8042428	09/03/16	221006	64	N	175.00	396031.28	6907743.17	1108.00	57135.91	99		0	57135.91
8042428	09/03/16	221038	64	N	162.50	396020.96	6907735.42	1105.00	57193.59	99		0	57193.59
8042428	09/03/16	221126	64	N	150.00	396017.29	6907728.28	1102.00	57204.85	99		0	57204.85
8042428	09/03/16	221214	64	N	137.50	396009.52	6907718.39	1102.00	57242.12	99		0	57242.12
8042428	09/03/16	221258	64	N	125.00	396001.98	6907701.61	1097.00	57192.39	49		0	57192.39
8042428	09/03/16	221318	64	N	125.00	396001.20	6907700.53	1099.00	57178.16	99		2	
8042428	09/03/16	221354	64	N	112.50	395995.38	6907691.02	1094.00	57174.95	79		0	57174.95
8042428	09/03/16	221422	64	N	100.00	395989.90	6907683.91	1091.00	57203.68	99		0	57203.68
8042428	09/03/16	221502	64	N	87.50	395979.97	6907678.94	1089.00	57124.75	99		0	57124.75
8042428	09/03/16	221526	64	N	75.00	395974.55	6907669.76	1087.00	57138.18	99		0	57138.18
8042428	09/03/16	221610	64	N	62.50	395967.74	6907660.43	1084.00	57099.06	99		0	57099.06
8042428	09/03/16	221642	64	N	50.00	395962.06	6907650.02	1081.00	57091.96	99		0	57091.96
8042428	09/03/16	221730	64	N	37.50	395953.74	6907640.11	1078.00	57066.89	59		0	57066.89
8042428	09/03/16	221754	64	N	37.50	395953.62	6907639.11	1078.00	57058.45	99		1	
8042428	09/03/16	221838	64	N	25.00	395943.25	6907631.32	1075.00	57040.92	99		0	57040.92
8042428	09/03/16	221918	64	N	12.50	395937.66	6907622.12	1072.00	57039.74	99		0	57039.74
8042428	09/03/16	221934	64	N	12.50	395938.13	6907622.95	1072.00	57036.97	99		1	
8042428	09/03/16	230654	66	N	0.00	396661.26	6908407.36	1198.00	57168.55	99		0	57168.55
8042428	09/03/16	230710	66	N	0.00	396661.04	6908407.24	1197.00	57169.07	99		1	
8042428	09/03/16	230726	66	N	0.00	396660.78	6908407.44	1197.00	57165.67	99		1	
8042428	09/03/16	230802	66	N	12.50	396667.07	6908419.98	1197.00	57093.07	79		0	57093.07
8042428	09/03/16	230834	66	N	25.00	396675.81	6908428.77	1199.00	57236.16	79		0	57236.16
8042428	09/03/16	230850	66	N	25.00	396676.44	6908428.80	1199.00	57243.12	89		1	
8042428	09/03/16	230922	66	N	37.50	396684.41	6908437.52	1200.00	57115.4	89		0	57115.40
8042428	09/03/16	230954	66	N	50.00	396693.20	6908444.74	1201.00	57194.53	99		0	57194.53
8042428	09/03/16	231026	66	N	62.50	396702.29	6908455.18	1204.00	57208.51	79		0	57208.51
8042428	09/03/16	231042	66	N	62.50	396702.66	6908455.52	1204.00	57251.58	99		2	
8042428	09/03/16	231114	66	N	75.00	396710.45	6908465.87	1204.00	57271.12	99		0	57271.12
8042428	09/03/16	231146	66	N	87.50	396718.44	6908476.08	1203.00	57300.49	99		0	57300.49
8042428	09/03/16	231218	66	N	100.00	396724.02	6908483.47	1204.00	57370.42	99		0	57370.42
8042428	09/03/16	231250	66	N	112.50	396731.44	6908493.00	1203.00	57302.24	99		0	57302.24
8042428	09/03/16	231326	66	N	125.00	396739.53	6908503.82	1204.00	57202.95	79		0	57202.95
8042428	09/03/16	231358	66	N	137.50	396746.17	6908515.38	1204.00	57482.64	99		0	57482.64
8042428	09/03/16	231430	66	N	150.00	396752.74	6908526.20	1204.00	57313.46	89		0	57313.46
8042428	09/03/16	231458	66	N	162.50	396755.95	6908536.28	1204.00	57363.27	99		0	57363.27
8042428	09/03/16	231530	66	N	175.00	396759.97	6908548.91	1204.00	57263.33	99		0	57263.33
8042428	09/03/16	231610	66	N	187.50	396770.27	6908557.89	1205.00	57287.08	99		0	57287.08
8042428	09/03/16	231654	66	N	200.00	396777.83	6908566.52	1205.00	57293.26	99		0	57293.26
8042428	09/03/16	231726	66	N	212.50	396786.18	6908576.76	1205.00	57080.27	99		0	57080.27
8042428	09/03/16	231758	66	N	225.00	396792.77	6908585.24	1205.00	57289.52	99		0	57289.52
8042428	09/03/16	231826	66	N	237.50	396800.68	6908594.24	1205.00	57201.72	99		0	57201.72
8042428	09/03/16	231858	66	N	250.00	396808.59	6908603.87	1204.00	57126.49	99		0	57126.49
8042428	09/03/16	231934	66	N	262.50	396816.06	6908612.22	1205.00	57112.88	99		0	57112.88
8042428	09/03/16	232006	66	N	275.00	396825.63	6908621.78	1206.00	57069.44	59		0	57069.44
8042428	09/03/16	232038	66	N	287.50	396835.58	6908632.74	1206.00	57071.44	99		0	57071.44
8042428	09/03/16	232110	66	N	300.00	396845.68	6908643.27	1206.00	57174.15	99		0	57174.15
8042428	09/03/16	232218	66	N	312.50	396851.19	6908653.52	1207.00	57169.02	99		0	57169.02
8042428	09/03/16	232258	66	N	325.00	396859.02	6908662.13	1206.00	57111.25	99		0	57111.25
8042428	09/03/16	232322	66	N	337.50	396864.64	6908668.17	1206.00	57024.61	69		0	57024.61
8042428	09/03/16	232338	66	N	337.50	396864.54	6908668.20	1206.00	57044.24	79		2	
8042428	09/03/16	232414	66	N	350.00	396869.59	6908680.47	1205.00	57145.81	99		0	57145.81
8042428	09/03/16	232442	66	N	362.50	396875.21	6908690.73	1205.00	56996.44	59		0	56996.44
8042428	09/03/16	232514	66	N	375.00	396883.51	6908701.12	1205.00	57027.99	99		0	57027.99
8042428	09/03/16	232546	66	N	387.50	396888.81	6908710.15	1205.00	57048.99	99		0	57048.99
8042428	09/03/16	232614	66	N	400.00	396895.84	6908717.21	1205.00	57082.51	79		0	57082.51
8042428	09/03/16	232646	66	N	412.50	396904.57	6908725.66	1206.00	57031.77	89		0	57031.77
8042428	09/03/16	2327											

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z	y_wgs84z	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042428	09/03/16	534	68	N	162.50	396844.07	6908497.96	1210.00	57212.8	99		0	57212.80
8042428	09/03/16	602	68	N	150.00	396837.41	6908487.88	1209.00	57307.92	99		0	57307.92
8042428	09/03/16	630	68	N	137.50	396831.38	6908476.51	1207.00	57234.52	99		0	57234.52
8042428	09/03/16	702	68	N	125.00	396821.99	6908465.39	1206.00	57181.47	99		0	57181.47
8042428	09/03/16	730	68	N	112.50	396813.84	6908453.71	1207.00	57156.73	99		0	57156.73
8042428	09/03/16	754	68	N	100.00	396807.73	6908445.04	1206.00	57149.94	99		0	57149.94
8042428	09/03/16	818	68	N	87.50	396801.72	6908437.45	1207.00	57198.61	99		0	57198.61
8042428	09/03/16	846	68	N	75.00	396792.40	6908427.64	1205.00	57271.85	99		0	57271.85
8042428	09/03/16	918	68	N	62.50	396783.63	6908417.95	1207.00	57182.11	99		0	57182.11
8042428	09/03/16	946	68	N	50.00	396776.36	6908408.14	1207.00	57179.4	89		0	57179.40
8042428	09/03/16	1018	68	N	37.50	396767.74	6908395.60	1207.00	57129.21	99		0	57129.21
8042428	09/03/16	1106	68	N	25.00	396764.31	6908390.27	1208.00	57156.21	89		0	57156.21
8042428	09/03/16	1158	68	N	12.50	396756.32	6908380.50	1210.00	57189.91	99		0	57189.91
8042428	09/03/16	1226	68	N	0.00	396750.70	6908370.17	1208.00	57150.19	99		0	57150.19
8042428	09/03/16	1254	68	N	-12.50	396741.26	6908361.68	1205.00	57216.03	79		0	57216.03
8042428	09/03/16	1350	68	N	-25.00	396737.18	6908350.07	1206.00	57233.77	99		1	
8042428	09/03/16	1406	68	N	-25.00	396737.20	6908350.23	1207.00	57228.56	99		1	
8042428	09/03/16	1426	68	N	-25.00	396737.07	6908350.36	1207.00	56929.12	99		0	56929.12
1124844	09/03/16	163406	57	N	462.50	395885.56	6908239.95	1170.00	57414.65	99		0	57414.65
1124844	09/03/16	163454	57	N	475.00	395890.56	6908251.65	1171.00	57378.32	99		0	57378.32
1124844	09/03/16	163530	57	N	487.50	395897.21	6908263.11	1172.00	57327.6	99		0	57327.60
1124844	09/03/16	163610	57	N	500.00	395902.66	6908273.93	1173.00	57385.32	99		0	57385.32
1124844	09/03/16	163650	57	N	512.50	395910.63	6908281.94	1175.00	57319.93	99		0	57319.93
1124844	09/03/16	163750	57	N	525.00	395917.18	6908293.01	1177.00	57301.33	99		0	57301.33
1124844	09/03/16	163830	57	N	537.50	395926.09	6908302.40	1179.00	57359.4	99		0	57359.40
1124844	09/03/16	163914	57	N	550.00	395931.71	6908314.86	1180.00	57384.55	99		0	57384.55
1124844	09/03/16	163934	57	N	550.00	395931.24	6908313.54	1181.00	57384.79	99		1	
1124844	09/03/16	163958	57	N	550.00	395930.90	6908313.76	1182.00	57397.27	99		2	
1124844	09/03/16	164050	57	N	562.50	395938.70	6908322.99	1183.00	57355.25	99		0	57355.25
1124844	09/03/16	164142	57	N	575.00	395946.44	6908333.05	1183.00	57351.32	99		0	57351.32
1124844	09/03/16	164242	57	N	587.50	395954.03	6908343.69	1186.00	57334.58	99		0	57334.58
1124844	09/03/16	164358	57	N	600.00	395960.90	6908357.38	1187.00	57317.91	99		0	57317.91
1124844	09/03/16	164538	57	N	612.50	395960.52	6908357.08	1190.00	57317.96	99		0	57317.96
1124844	09/03/16	164606	57	N	612.50	395960.48	6908357.11	1190.00	57320.98	99		1	
1124844	09/03/16	164746	57	N	612.50	395960.49	6908357.11	1189.00	57313.91	99		1	
1124844	09/03/16	165058	57	N	625.00	395972.25	6908367.04	1189.00	57331.92	99		0	57331.92
1124844	09/03/16	165506	57	N	625.00	395971.89	6908368.21	1188.00	57325.68	99		1	
1124844	09/03/16	165754	57	N	637.50	395977.90	6908376.43	1190.00	57319.54	99		0	57319.54
1124844	09/03/16	165922	57	N	650.00	395985.52	6908392.74	1192.00	57309.96	99		0	57309.96
1124844	09/03/16	170002	57	N	662.50	395992.99	6908399.70	1194.00	57296.06	99		0	57296.06
1124844	09/03/16	170042	57	N	675.00	395998.85	6908408.87	1195.00	57254.74	99		0	57254.74
1124844	09/03/16	170138	57	N	687.50	396008.73	6908418.14	1196.00	57270.32	99		0	57270.32
1124844	09/03/16	170214	57	N	700.00	396017.05	6908427.88	1198.00	57325.54	99		0	57325.54
1124844	09/03/16	170322	57	N	712.50	396023.87	6908440.44	1203.00	57323.24	99		0	57323.24
1124844	09/03/16	170358	57	N	725.00	396028.43	6908448.77	1203.00	57305.65	99		0	57305.65
1124844	09/03/16	170450	57	N	737.50	396034.37	6908462.14	1203.00	57243.73	99		0	57243.73
1124844	09/03/16	170538	57	N	750.00	396041.08	6908474.32	1203.00	57225.65	99		0	57225.65
1124844	09/03/16	170622	57	N	762.50	396049.18	6908486.78	1205.00	57231.16	99		0	57231.16
1124844	09/03/16	170654	57	N	775.00	396056.53	6908494.41	1205.00	57253.99	99		0	57253.99
1124844	09/03/16	170742	57	N	787.50	396064.92	6908507.03	1204.00	57243.42	99		0	57243.42
1124844	09/03/16	170914	57	N	800.00	396072.84	6908518.29	1204.75	57249.31	99		0	57249.31
1124844	09/03/16	170954	57	N	812.50	396080.76	6908529.54	1205.50	57259.44	99		0	57259.44
1124844	09/03/16	171030	57	N	825.00	396088.68	6908540.80	1206.25	57261.33	99		0	57261.33
1124844	09/03/16	171138	57	N	837.50	396096.60	6908552.05	1207.00	57254.97	99		0	57254.97
1124844	09/03/16	171214	57	N	850.00	396104.52	6908563.31	1207.75	57247.14	99		0	57247.14
1124844	09/03/16	171246	57	N	862.50	396112.44	6908574.56	1208.50	57246.48	99		0	57246.48
1124844	09/03/16	171322	57	N	875.00	396120.36	6908585.82	1209.25	57323.1	99		0	57323.10
1124844	09/03/16	171358	57	N	887.50	396128.28	6908597.07	1210.00	57280.3	99		0	57280.30
1124844	09/03/16	171446	57	N	900.00	396136.20	6908608.33	1210.75	57271.76	99		0	57271.76
1124844	09/03/16	171534	57	N	912.50	396144.12	6908619.58	1211.50	57318.07	99		0	57318.07
1124844	09/03/16	171622	57	N	925.00	396152.04	6908630.84	1212.25	57300.11	99		0	57300.11
1124844	09/03/16	171702	57	N	937.50	396159.96	6908642.09	1213.00	57298.18	99		0	57298.18
1124844	09/03/16	171818	57	N	950.00	396167.88	6908653.35	1213.75	57299.76	99		0	57299.76
1124844	09/03/16	171858	57	N	962.50	396175.80	6908664.60	1214.50	57305.88	99		0	57305.88
1124844	09/03/16	171950	57	N	975.00	396183.72	6908675.86	1215.25	57297.1	99		0	57297.10
1124844	09/03/16	172038	57	N	975.00	396191.64	6908687.11	1216.00	57289.53	99		1	
1124844	09/03/16	172134	57	N	987.50	396199.56	6908698.37	1216.75	57279.29	99		0	57279.29
1124844	09/03/16	172226	57	N	1000.00	396207.48	6908709.62	1217.50	57262.73	99		0	57262.73
1124844	09/03/16	172302	57	N	1012.50	396215.40	6908720.88	1218.25	57270.94	99		0	57270.94
1124844	09/03/16	172338	57	N	1025.00	396223.32	6908732.13	1219.00	57265.5	99		0	57265.50
1124844	09/03/16	172410	57	N	1037.50	396231.24	6908743.39	1219.75	57359.99	99		0	57359.99
1124844	09/03/16	172450	57	N	1050.00	396239.16	6908754.64	1220.50	57276.66	99		0	57276.66
1124844	09/03/16	172522	57	N	1062.50	396247.08	6908765.90	1221.25	57305.45	99		0	57305.45
1124844	09/03/16	174858	57	N	1075.00	396255.00	6908777.15	1222.00	-216.66	6		9	
1124844	09/03/16	175026	57	N	1075.00	396253.02	6908778.49	1223.00	57328.83	99		0	57328.83
1124844	09/03/16	175126	57	N	1075.00	396253.26	6908779.11	1224.00	57268.57	98		2	
1124844	09/03/16	175254	57	N	1075.00	396253.11	6908779.44	1224.00	57262.16	98		1	
1124844	09/03/16	175326	57	N	1087.50	396258.37	6908787.40	1224.00	57260.04	98		0	57260.04
1124844	09/03/16	175414	57	N	1100.00	396266.85	6908795.39	1223.00	57327.9	98		0	57327.90
1124844	09/03/16	175454	57	N	1112.50	396274.92	6908804.65	1222.00	57352.86	98		0	57352.86
1124844	09/03/16	175530	57	N	1125.00	396282.42	6908816.94	1220.00	57299.8	98		0	57299.80
1124844	09/03/16	175602	57	N	1137.50	396290.34	6908828.07	1217.00	57242.17	78		0	57242.17
1124844	09/03/16	175726	57	N	1150.00	396297.73	6908837.31	1213.00	57215.01	58		0	57215.01
1124844	09/03/16	175750</											

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/03/16	184646	59	N	1787.50	396068.80	6908243.01	1161.00	57275.1	78		0	57275.10
1124844	09/03/16	184718	59	N	1800.00	396061.27	6908232.26	1161.00	57233.43	98		0	57233.43
1124844	09/03/16	184754	59	N	1812.50	396053.25	6908222.33	1159.00	57277.16	98		0	57277.16
1124844	09/03/16	184830	59	N	1825.00	396044.64	6908212.71	1157.00	57300.4	98		0	57300.40
1124844	09/03/16	184910	59	N	1837.50	396039.09	6908199.90	1153.00	57281.69	98		0	57281.69
1124844	09/03/16	184954	59	N	1850.00	396030.64	6908190.51	1151.00	57333.43	98		0	57333.43
1124844	09/03/16	185030	59	N	1862.50	396023.81	6908179.81	1150.00	57333.07	98		0	57333.07
1124844	09/03/16	185110	59	N	1875.00	396017.05	6908169.49	1148.00	57306.17	98		0	57306.17
1124844	09/03/16	185158	59	N	1887.50	396010.03	6908158.62	1146.00	57260.91	98		0	57260.91
1124844	09/03/16	185230	59	N	1900.00	396003.65	6908147.61	1144.00	57350.03	98		0	57350.03
1124844	09/03/16	185338	59	N	1912.50	395998.99	6908136.75	1142.00	57269.8	98		0	57269.80
1124844	09/03/16	185458	59	N	1925.00	395991.18	6908125.80	1139.00	57134.3	98		0	57134.30
1124844	09/03/16	185606	59	N	1937.50	395985.03	6908118.39	1141.00	57210.18	98		0	57210.18
1124844	09/03/16	185646	59	N	1950.00	395979.24	6908111.00	1138.00	57144.73	98		0	57144.73
1124844	09/03/16	185718	59	N	1962.50	395974.17	6908103.63	1137.00	57253.86	98		0	57253.86
1124844	09/03/16	185754	59	N	1975.00	395972.06	6908094.55	1136.00	57281.75	98		0	57281.75
1124844	09/03/16	185858	59	N	1987.50	395963.11	6908088.59	1133.00	57221.69	98		0	57221.69
1124844	09/03/16	190002	59	N	2000.00	395954.39	6908078.24	1130.00	57189.35	98		0	57189.35
1124844	09/03/16	190054	59	N	2012.50	395946.34	6908070.65	1128.00	57192.53	98		0	57192.53
1124844	09/03/16	190158	59	N	2025.00	395934.93	6908058.38	1125.00	57216.33	98		0	57216.33
1124844	09/03/16	190346	59	N	2037.50	395927.17	6908043.63	1123.00	57242.52	98		0	57242.52
1124844	09/03/16	190434	59	N	2050.00	395922.64	6908035.12	1122.00	57225.57	98		0	57225.57
1124844	09/03/16	190506	59	N	2062.50	395915.08	6908027.82	1119.00	57203.48	98		0	57203.48
1124844	09/03/16	190558	59	N	2075.00	395910.79	6908016.28	1120.00	57278.9	98		0	57278.90
1124844	09/03/16	190638	59	N	2087.50	395907.40	6908005.29	1117.00	57265.99	98		0	57265.99
1124844	09/03/16	190714	59	N	2100.00	395902.14	6907996.82	1116.00	57360.31	98		0	57360.31
1124844	09/03/16	190750	59	N	2112.50	395894.02	6907987.20	1111.00	57361.46	98		0	57361.46
1124844	09/03/16	190826	59	N	2125.00	395885.30	6907979.83	1107.00	57246.56	98		0	57246.56
1124844	09/03/16	190910	59	N	2137.50	395879.55	6907968.01	1106.00	57257.52	98		0	57257.52
1124844	09/03/16	190942	59	N	2150.00	395873.91	6907958.44	1106.00	57221.47	98		0	57221.47
1124844	09/03/16	191014	59	N	2162.50	395865.61	6907946.38	1102.00	57275.53	98		0	57275.53
1124844	09/03/16	191054	59	N	2175.00	395857.41	6907935.01	1098.00	57205.22	98		0	57205.22
1124844	09/03/16	191202	59	N	2187.50	395845.69	6907929.16	1098.00	57234.1	98		0	57234.10
1124844	09/03/16	191234	59	N	2200.00	395838.00	6907921.90	1098.00	57201.33	98		0	57201.33
1124844	09/03/16	191310	59	N	2212.50	395833.59	6907909.99	1093.00	57221.14	68		0	57221.14
1124844	09/03/16	191358	59	N	2225.00	395827.75	6907899.47	1095.00	57227.92	48		0	57227.92
1124844	09/03/16	191434	59	N	2237.50	395819.64	6907889.28	1089.00	57294.66	48		0	57294.66
1124844	09/03/16	191510	59	N	2250.00	395812.33	6907879.31	1085.00	57220.33	98		0	57220.33
1124844	09/03/16	191550	59	N	2262.50	395803.74	6907866.95	1085.00	57262.16	68		0	57262.16
1124844	09/03/16	191638	59	N	2275.00	395795.32	6907860.30	1084.00	57236.35	48		0	57236.35
1124844	09/03/16	191726	59	N	2287.50	395788.24	6907850.81	1079.00	57152.05	78		0	57152.05
1124844	09/03/16	191802	59	N	2300.00	395779.89	6907840.52	1076.00	57155.33	98		0	57155.33
1124844	09/03/16	191834	59	N	2312.50	395772.69	6907829.82	1072.00	57269.26	58		0	57269.26
1124844	09/03/16	191922	59	N	2325.00	395766.69	6907818.01	1069.00	57211.77	78		0	57211.77
1124844	09/03/16	192002	59	N	2337.50	395761.58	6907807.56	1063.00	57158.46	98		0	57158.46
1124844	09/03/16	192058	59	N	2350.00	395762.90	6907795.52	1063.00	57178.88	98		0	57178.88
1124844	09/03/16	192138	59	N	2362.50	395758.09	6907783.26	1063.00	57242.65	98		0	57242.65
1124844	09/03/16	192210	59	N	2375.00	395751.20	6907772.77	1061.00	57222.7	98		0	57222.70
1124844	09/03/16	192238	59	N	2387.50	395743.47	6907767.54	1057.00	57137.04	98		0	57137.04
1124844	09/03/16	192318	59	N	2400.00	395734.80	6907758.35	1056.00	57191.9	98		0	57191.90
1124844	09/03/16	192338	59	N	2400.00	395734.66	6907756.90	1056.00	57188.71	98		1	
1124844	09/03/16	195542	61	N	0.00	395820.94	6907709.20	1068.00	57151.08	77		0	57151.08
1124844	09/03/16	195602	61	N	0.00	395821.05	6907709.19	1067.00	57126.9	97		2	
1124844	09/03/16	195658	61	N	12.50	395827.83	6907720.72	1070.00	57126.98	67		0	57126.98
1124844	09/03/16	195726	61	N	12.50	395828.48	6907721.54	1070.00	57113.01	97		2	
1124844	09/03/16	195802	61	N	25.00	395836.91	6907731.04	1073.00	57129.87	97		0	57129.87
1124844	09/03/16	195842	61	N	37.50	395843.22	6907739.80	1076.00	57190.47	98		0	57190.47
1124844	09/03/16	195926	61	N	50.00	395850.27	6907751.96	1078.00	57243.05	97		0	57243.05
1124844	09/03/16	200006	61	N	62.50	395854.82	6907762.82	1082.00	57215.86	97		0	57215.86
1124844	09/03/16	200046	61	N	75.00	395858.15	6907776.73	1084.00	57248.62	97		0	57248.62
1124844	09/03/16	200146	61	N	87.50	395861.56	6907787.80	1085.00	57203.56	97		0	57203.56
1124844	09/03/16	200222	61	N	100.00	395871.17	6907796.12	1089.00	57204.9	97		0	57204.90
1124844	09/03/16	200310	61	N	112.50	395881.77	6907804.23	1093.00	57227.46	97		0	57227.46
1124844	09/03/16	200354	61	N	125.00	395889.93	6907809.50	1096.00	57233.57	87		0	57233.57
1124844	09/03/16	200430	61	N	137.50	395896.92	6907819.38	1099.00	57160.53	97		0	57160.53
1124844	09/03/16	200534	61	N	150.00	395901.65	6907831.93	1100.00	57226.82	98		0	57226.82
1124844	09/03/16	200618	61	N	162.50	395909.25	6907843.61	1104.00	57273.01	97		0	57273.01
1124844	09/03/16	200654	61	N	175.00	395916.99	6907853.90	1105.00	57299.23	78		0	57299.23
1124844	09/03/16	200734	61	N	187.50	395925.33	6907862.62	1109.00	57256.07	97		0	57256.07
1124844	09/03/16	200814	61	N	200.00	395931.51	6907873.04	1109.00	57251.09	97		0	57251.09
1124844	09/03/16	200854	61	N	212.50	395938.28	6907882.52	1112.00	57188.88	78		0	57188.88
1124844	09/03/16	200930	61	N	225.00	395945.87	6907889.69	1115.00	57207.55	97		0	57207.55
1124844	09/03/16	201002	61	N	237.50	395954.45	6907897.97	1117.00	57339.5	97		0	57339.50
1124844	09/03/16	201042	61	N	250.00	395962.02	6907908.01	1120.00	57297.96	98		0	57297.96
1124844	09/03/16	201114	61	N	262.50	395969.30	6907915.68	1122.00	57226.81	97		0	57226.81
1124844	09/03/16	201202	61	N	275.00	395977.55	6907927.34	1125.00	57239.61	97		0	57239.61
1124844	09/03/16	201246	61	N	287.50	395986.26	6907937.46	1127.00	57206.95	97		0	57206.95
1124844	09/03/16	201354	61	N	300.00	395991.10	6907946.49	1131.00	57174.88	97		0	57174.88
1124844	09/03/16	201438	61	N	312.50	395994.98	6907957.50	1131.00	57168.2	97		0	57168.20
1124844	09/03/16	201526	61	N	325.00	396000.28	6907969.99	1134.00	57263.13	97		0	57263.13
1124844	09/03/16	201626	61	N	337.50	396007.17	6907981.74	1137.00	57262.29	97		0	57262.29
1124844	09/03/16	201710	61	N	350.00	396015.47	6907990.20	1139.00	57284.21	97		0	57284.21
1124844	09/03/16												

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/03/16	205650	61	N	1025.00	396397.80	6908544.10	1202.00	57259.45	97		0	57259.45
1124844	09/03/16	205718	61	N	1037.50	396406.01	6908551.60	1203.00	57225.52	97		0	57225.52
1124844	09/03/16	205750	61	N	1050.00	396412.22	6908563.08	1203.00	57238.15	97		0	57238.15
1124844	09/03/16	205830	61	N	1062.50	396421.81	6908573.39	1204.00	57252.9	77		0	57252.90
1124844	09/03/16	205902	61	N	1075.00	396429.17	6908584.06	1206.00	57252.43	97		0	57252.43
1124844	09/03/16	205930	61	N	1087.50	396434.39	6908593.59	1207.00	57270.33	97		0	57270.33
1124844	09/03/16	210002	61	N	1100.00	396442.26	6908605.12	1207.00	57264.77	97		0	57264.77
1124844	09/03/16	210034	61	N	1112.50	396447.18	6908617.05	1208.00	57399.43	97		0	57399.43
1124844	09/03/16	210106	61	N	1125.00	396454.27	6908626.75	1208.00	57341.49	97		0	57341.49
1124844	09/03/16	210138	61	N	1137.50	396460.79	6908636.18	1208.00	57398.38	97		0	57398.38
1124844	09/03/16	210214	61	N	1150.00	396464.74	6908647.71	1210.00	57281.36	97		0	57281.36
1124844	09/03/16	210246	61	N	1162.50	396471.91	6908659.89	1211.00	57328.52	97		0	57328.52
1124844	09/03/16	210318	61	N	1175.00	396482.42	6908668.95	1211.00	57248.24	97		0	57248.24
1124844	09/03/16	210346	61	N	1187.50	396490.17	6908677.53	1211.00	57254.98	97		0	57254.98
1124844	09/03/16	210422	61	N	1200.00	396496.38	6908685.39	1211.00	57260.57	97		0	57260.57
1124844	09/03/16	210450	61	N	1212.50	396502.12	6908694.87	1212.00	57323.79	97		0	57323.79
1124844	09/03/16	210510	61	N	1212.50	396502.00	6908694.89	1211.00	57324.14	87		0	57324.14
1124844	09/03/16	211314	63	N	1200.00	396583.51	6908634.84	1208.00	57213.67	97		0	57213.67
1124844	09/03/16	211342	63	N	1200.00	396583.52	6908634.70	1208.00	57217.15	97		0	57217.15
1124844	09/03/16	211434	63	N	1187.50	396573.93	6908616.91	1208.00	57259.62	98		0	57259.62
1124844	09/03/16	211522	63	N	1175.00	396565.51	6908606.30	1208.00	57323.07	98		0	57323.07
1124844	09/03/16	211558	63	N	1162.50	396559.06	6908597.61	1208.00	57410.28	98		0	57410.28
1124844	09/03/16	211630	63	N	1150.00	396551.30	6908586.61	1207.00	57401.99	98		0	57401.99
1124844	09/03/16	211702	63	N	1137.50	396542.62	6908577.59	1206.00	57518.09	98		0	57518.09
1124844	09/03/16	211738	63	N	1125.00	396531.46	6908562.07	1205.00	57322.49	98		0	57322.49
1124844	09/03/16	211806	63	N	1112.50	396525.89	6908552.89	1205.00	57394.69	98		0	57394.69
1124844	09/03/16	211838	63	N	1100.00	396520.54	6908543.37	1204.00	57469.86	98		0	57469.86
1124844	09/03/16	212022	63	N	1087.50	396511.90	6908531.44	1203.00	57271.4	98		0	57271.40
1124844	09/03/16	212058	63	N	1075.00	396505.68	6908519.83	1202.00	57374.77	97		0	57374.77
1124844	09/03/16	212126	63	N	1062.50	396496.76	6908512.05	1200.00	57431.59	98		0	57431.59
1124844	09/03/16	212158	63	N	1050.00	396487.59	6908503.11	1200.00	57280.91	98		0	57280.91
1124844	09/03/16	212238	63	N	1037.50	396481.13	6908490.00	1200.00	57377.16	98		0	57377.16
1124844	09/03/16	212310	63	N	1025.00	396475.75	6908481.04	1199.00	57424.05	98		0	57424.05
1124844	09/03/16	212350	63	N	1012.50	396466.93	6908472.39	1198.00	57306.33	97		0	57306.33
1124844	09/03/16	212422	63	N	1000.00	396459.24	6908462.32	1196.00	57227.33	97		0	57227.33
1124844	09/03/16	212510	63	N	987.50	396452.50	6908451.34	1196.00	57206.08	97		0	57206.08
1124844	09/03/16	212546	63	N	975.00	396447.54	6908440.73	1193.00	57262.97	97		0	57262.97
1124844	09/03/16	212618	63	N	962.50	396442.40	6908430.53	1191.00	57222.18	98		0	57222.18
1124844	09/03/16	212646	63	N	950.00	396433.37	6908420.07	1189.00	57209.49	97		0	57209.49
1124844	09/03/16	212722	63	N	937.50	396426.40	6908409.35	1188.00	57172.39	97		0	57172.39
1124844	09/03/16	212750	63	N	925.00	396418.74	6908399.19	1188.00	57194.59	98		0	57194.59
1124844	09/03/16	212818	63	N	912.50	396408.83	6908389.18	1188.00	57212.59	98		0	57212.59
1124844	09/03/16	212850	63	N	900.00	396402.91	6908376.88	1186.00	57192.53	98		0	57192.53
1124844	09/03/16	212922	63	N	887.50	396397.06	6908367.05	1187.00	57179.44	97		0	57179.44
1124844	09/03/16	212954	63	N	875.00	396389.66	6908357.59	1184.00	57214.26	97		0	57214.26
1124844	09/03/16	213026	63	N	862.50	396382.52	6908346.39	1184.00	57158.52	98		0	57158.52
1124844	09/03/16	213050	63	N	850.00	396376.02	6908338.02	1184.00	57229.35	98		0	57229.35
1124844	09/03/16	213138	63	N	837.50	396367.30	6908323.05	1184.00	57188.14	98		0	57188.14
1124844	09/03/16	213234	63	N	825.00	396363.22	6908315.10	1184.00	57193.94	98		0	57193.94
1124844	09/03/16	213314	63	N	812.50	396355.94	6908304.36	1182.00	57166.89	97		0	57166.89
1124844	09/03/16	213342	63	N	800.00	396349.07	6908296.37	1181.00	57198.55	97		0	57198.55
1124844	09/03/16	213410	63	N	787.50	396342.12	6908287.01	1179.00	57208.55	98		0	57208.55
1124844	09/03/16	213446	63	N	775.00	396335.73	6908275.34	1180.00	57212.05	97		0	57212.05
1124844	09/03/16	213518	63	N	762.50	396327.19	6908266.05	1181.00	57227.51	98		0	57227.51
1124844	09/03/16	213550	63	N	750.00	396319.22	6908254.88	1180.00	57184.45	98		0	57184.45
1124844	09/03/16	213618	63	N	737.50	396309.80	6908246.24	1181.00	57209.03	98		0	57209.03
1124844	09/03/16	213650	63	N	725.00	396302.89	6908236.13	1180.00	57229.01	98		0	57229.01
1124844	09/03/16	213722	63	N	712.50	396296.08	6908224.64	1180.00	57227.56	97		0	57227.56
1124844	09/03/16	213758	63	N	700.00	396285.24	6908213.79	1180.00	57195.17	97		0	57195.17
1124844	09/03/16	213830	63	N	687.50	396279.83	6908204.70	1180.00	57182.24	98		0	57182.24
1124844	09/03/16	213906	63	N	675.00	396275.58	6908192.27	1180.00	57231.72	98		0	57231.72
1124844	09/03/16	213946	63	N	662.50	396267.84	6908182.74	1179.00	57221.47	97		0	57221.47
1124844	09/03/16	214022	63	N	650.00	396262.25	6908172.94	1178.00	57174.97	97		0	57174.97
1124844	09/03/16	214054	63	N	637.50	396253.85	6908162.15	1179.00	57232.55	97		0	57232.55
1124844	09/03/16	214138	63	N	625.00	396245.52	6908152.79	1176.00	57277.25	88		0	57277.25
1124844	09/03/16	214234	63	N	612.50	396234.60	6908145.86	1177.00	57253.57	97		0	57253.57
1124844	09/03/16	214414	63	N	600.00	396228.90	6908129.77	1176.00	57233.25	98		0	57233.25
1124844	09/03/16	214458	63	N	587.50	396221.06	6908120.02	1174.00	57248.74	97		0	57248.74
1124844	09/03/16	214538	63	N	575.00	396213.05	6908106.42	1173.00	57238.22	97		0	57238.22
1124844	09/03/16	214610	63	N	562.50	396204.58	6908096.96	1170.00	57230.59	98		0	57230.59
1124844	09/03/16	214642	63	N	550.00	396196.87	6908086.82	1170.00	57302.12	98		0	57302.12
1124844	09/03/16	214746	63	N	537.50	396189.24	6908077.46	1168.00	57294.47	98		0	57294.47
1124844	09/03/16	214814	63	N	525.00	396186.37	6908065.51	1168.00	57236.89	97		0	57236.89
1124844	09/03/16	214850	63	N	512.50	396183.82	6908051.55	1168.00	57278.74	97		0	57278.74
1124844	09/03/16	214922	63	N	500.00	396176.06	6908043.37	1167.00	57319.26	98		0	57319.26
1124844	09/03/16	215018	63	N	487.50	396167.91	6908035.64	1165.00	57179.09	98		0	57179.09
1124844	09/03/16	215202	63	N	475.00	396162.93	6908024.54	1165.00	57055.99	97		0	57055.99
1124844	09/03/16	215246	63	N	462.50	396152.76	6908013.80	1163.00	57078.96	97		0	57078.96
1124844	09/03/16	215406	63	N	450.00	396147.35	6908005.42	1163.00	57138.68	98		0	57138.68
1124844	09/03/16	215502	63	N	437.50	396141.66	6907993.84	1162.00	57278.33	97		0	57278.33
1124844	09/03/16	215550	63	N	425.00	396131.65	6907987.21	1157.00	57234.83	97		0	57234.83
1124844	09/03/16	215622	63	N	412.50	396125.46	6907979.27	1156.00	57282.96	97		0	57282.96

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/03/16	231758	65	N	187.50	396688.84	6908623.88	1205.00	57228.91	97		0	57228.91
1124844	09/03/16	231826	65	N	200.00	396695.84	6908635.21	1205.00	57094.37	97		0	57094.37
1124844	09/03/16	231854	65	N	212.50	396705.38	6908641.29	1204.00	57139.34	87		0	57139.34
1124844	09/03/16	231926	65	N	225.00	396713.46	6908654.75	1203.00	57283.76	97		0	57283.76
1124844	09/03/16	231950	65	N	237.50	396719.67	6908662.46	1202.00	57256.8	97		0	57256.80
1124844	09/03/16	232018	65	N	250.00	396726.91	6908673.05	1202.00	57202.84	97		0	57202.84
1124844	09/03/16	232046	65	N	262.50	396735.23	6908682.63	1201.00	57381.86	97		0	57381.86
1124844	09/03/16	232114	65	N	275.00	396743.99	6908693.10	1201.00	57260	97		0	57260.00
1124844	09/03/16	232142	65	N	287.50	396750.18	6908703.55	1201.00	57233.26	97		0	57233.26
1124844	09/03/16	232210	65	N	300.00	396754.09	6908714.67	1200.00	57187.36	97		0	57187.36
1124844	09/03/16	232238	65	N	312.50	396761.70	6908726.12	1199.00	57212.01	97		0	57212.01
1124844	09/03/16	232306	65	N	325.00	396771.73	6908735.36	1198.00	57269.58	77		0	57269.58
1124844	09/03/16	232334	65	N	337.50	396778.74	6908744.97	1197.00	57304.19	97		0	57304.19
1124844	09/03/16	232406	65	N	350.00	396783.83	6908757.95	1197.00	57175.99	97		0	57175.99
1124844	09/03/16	232434	65	N	362.50	396791.32	6908768.36	1196.00	57186.45	77		0	57186.45
1124844	09/03/16	232506	65	N	375.00	396802.37	6908779.27	1195.00	57200.72	97		0	57200.72
1124844	09/03/16	232534	65	N	387.50	396809.64	6908786.90	1194.00	57295.14	97		0	57295.14
1124844	09/03/16	232610	65	N	400.00	396816.71	6908796.15	1194.00	57277.45	97		0	57277.45
1124844	09/03/16	232638	65	N	412.50	396823.29	6908806.92	1193.00	57156.62	97		0	57156.62
1124844	09/03/16	232706	65	N	425.00	396831.03	6908816.59	1192.00	57115.48	97		0	57115.48
1124844	09/03/16	232734	65	N	437.50	396839.05	6908826.28	1192.00	57182.6	97		0	57182.60
1124844	09/03/16	232806	65	N	450.00	396846.03	6908837.97	1191.00	57188.43	77		0	57188.43
1124844	09/03/16	232834	65	N	462.50	396853.53	6908848.25	1191.00	57278.96	97		0	57278.96
1124844	09/03/16	232858	65	N	475.00	396860.29	6908858.52	1191.00	57317.51	97		0	57317.51
1124844	09/03/16	232930	65	N	487.50	396866.77	6908870.73	1190.00	57247.72	97		0	57247.72
1124844	09/03/16	232958	65	N	500.00	396873.86	6908884.24	1188.00	56731.29	77		0	56731.29
1124844	09/03/16	233022	65	N	512.50	396879.83	6908893.89	1187.00	57175.78	97		0	57175.78
1124844	09/03/16	233050	65	N	525.00	396891.41	6908901.60	1187.00	57130.64	97		0	57130.64
1124844	09/03/16	233118	65	N	537.50	396899.61	6908912.48	1186.00	57149.31	97		0	57149.31
1124844	09/03/16	233138	65	N	537.50	396899.51	6908912.41	1186.00	57150.59	97		0	57150.59
1124844	09/03/16	233946	67	N	537.50	397020.72	6908820.00	1206.00	57131.19	77		0	57131.19
1124844	09/03/16	234006	67	N	537.50	397020.96	6908819.69	1206.00	57129.84	97		0	57129.84
1124844	09/03/16	234034	67	N	525.00	397014.75	6908808.71	1207.00	57159.03	97		0	57159.03
1124844	09/03/16	234202	67	N	512.50	397005.85	6908799.99	1209.00	57118.69	97		0	57118.69
1124844	09/03/16	234234	67	N	500.00	396997.64	6908790.04	1209.00	57123.08	97		0	57123.08
1124844	09/03/16	234302	67	N	487.50	396990.26	6908778.36	1208.00	57093.98	97		0	57093.98
1124844	09/03/16	234330	67	N	475.00	396983.53	6908771.05	1209.00	57147.82	97		0	57147.82
1124844	09/03/16	234402	67	N	462.50	396974.56	6908758.78	1208.00	57122.09	97		0	57122.09
1124844	09/03/16	234434	67	N	450.00	396965.04	6908747.11	1208.00	57133.15	97		0	57133.15
1124844	09/03/16	234458	67	N	437.50	396958.92	6908739.77	1209.00	57140.54	97		0	57140.54
1124844	09/03/16	234526	67	N	425.00	396951.80	6908730.93	1209.00	57119.41	97		0	57119.41
1124844	09/03/16	234558	67	N	412.50	396941.97	6908722.28	1208.00	57125.54	97		0	57125.54
1124844	09/03/16	234634	67	N	400.00	396936.59	6908711.98	1209.00	57112.28	77		0	57112.28
1124844	09/03/16	234710	67	N	387.50	396930.35	6908700.83	1209.00	57098.79	97		0	57098.79
1124844	09/03/16	234746	67	N	375.00	396921.07	6908691.02	1209.00	57118.87	97		0	57118.87
1124844	09/03/16	234822	67	N	362.50	396913.93	6908677.93	1210.00	57091.55	97		0	57091.55
1124844	09/03/16	234850	67	N	350.00	396906.52	6908666.41	1209.00	57097.98	97		0	57097.98
1124844	09/03/16	234930	67	N	337.50	396897.32	6908656.99	1208.00	57084.06	97		0	57084.06
1124844	09/03/16	235006	67	N	325.00	396891.72	6908648.00	1208.00	57105.51	97		0	57105.51
1124844	09/03/16	235042	67	N	312.50	396885.06	6908637.15	1209.00	57119.07	97		0	57119.07
1124844	09/03/16	235110	67	N	300.00	396879.72	6908627.08	1211.00	57168.37	97		0	57168.37
1124844	09/03/16	235154	67	N	287.50	396873.72	6908616.18	1209.00	57254.5	97		0	57254.50
1124844	09/03/16	235626	67	N	275.00	396864.25	6908604.44	1209.00	57165.32	97		0	57165.32
1124844	09/03/16	235658	67	N	262.50	396856.71	6908594.22	1209.00	57243.67	97		0	57243.67
1124844	09/03/16	235730	67	N	250.00	396849.87	6908582.67	1208.00	57161.99	97		0	57161.99
1124844	09/03/16	235758	67	N	237.50	396842.94	6908572.28	1208.00	57128.1	97		0	57128.10
1124844	09/03/16	235822	67	N	225.00	396836.26	6908563.77	1207.00	57089.32	97		0	57089.32
1124844	09/03/16	235850	67	N	212.50	396828.80	6908554.33	1207.00	57010.59	47		0	57010.59
1124844	09/03/16	235906	67	N	212.50	396828.73	6908554.17	1207.00	57005.88	97		0	57005.88
1124844	09/03/16	235934	67	N	200.00	396821.66	6908543.85	1207.00	57178.29	97		0	57178.29
1124844	09/03/16	6	67	N	187.50	396813.52	6908532.19	1207.00	57145.75	97		0	57145.75
1124844	09/03/16	34	67	N	175.00	396806.59	6908523.37	1206.00	57253.78	97		0	57253.78
1124844	09/03/16	106	67	N	162.50	396798.11	6908510.91	1206.00	57245.82	97		0	57245.82
1124844	09/03/16	138	67	N	150.00	396791.51	6908501.25	1206.00	57256.8	97		0	57256.80
1124844	09/03/16	210	67	N	137.50	396784.11	6908490.84	1205.00	57327.33	97		0	57327.33
1124844	09/03/16	242	67	N	125.00	396776.48	6908480.14	1205.00	57404.13	97		0	57404.13
1124844	09/03/16	322	67	N	112.50	396765.91	6908468.78	1205.00	57277.31	97		0	57277.31
1124844	09/03/16	406	67	N	100.00	396760.66	6908459.61	1203.00	57208.89	97		0	57208.89
1124844	09/03/16	442	67	N	87.50	396752.53	6908450.33	1203.00	57351.95	87		0	57351.95
1124844	09/03/16	514	67	N	75.00	396745.30	6908438.29	1202.00	57278.56	97		0	57278.56
1124844	09/03/16	546	67	N	62.50	396737.70	6908429.06	1202.00	57164.83	97		0	57164.83
1124844	09/03/16	614	67	N	50.00	396731.07	6908421.29	1203.00	57164.47	97		0	57164.47
1124844	09/03/16	646	67	N	37.50	396725.92	6908408.18	1203.00	57146.33	97		0	57146.33
1124844	09/03/16	722	67	N	25.00	396719.33	6908397.88	1202.00	57136.89	97		0	57136.89
1124844	09/03/16	754	67	N	12.50	396711.48	6908387.89	1203.00	57174.28	87		0	57174.28
1124844	09/03/16	822	67	N	0.00	396703.35	6908376.71	1202.00	56988.83	97		0	56988.83
8042728	09/02/16	185634	52	N	850.00	395809.91	6908778.13	1263.00	57360.35	99		0	57360.35
8042728	09/02/16	185650	52	N	850.00	395809.87	6908778.51	1263.00	57360.63	99		1	
8042728	09/02/16	185706	52	N	850.00	395809.87	6908778.59	1263.00	57359.34	99		1	
8042728	09/02/16	185806	52	N	837.50	395801.47	6908769.00	1263.00	57369.97	99		0	57369.97
8042728	09/02/16	185922	52	N	825.00	395793.95	6908759.58	1266.00	57342.5	99		0	57342.50
8042728	09/02/16	185954	52	N	812.50	395785.99	6908750.09	1270.00	57325.76	99		0	57325.76
8042728	09/02/16	190026	52	N	800.00	395779.26	6908739.85	1272.00	57354.05				

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	09/02/16	192706	52	N	187.50	395450.57	6908247.68	1205.00	57258.13	99		0	57258.13
8042728	09/02/16	192742	52	N	175.00	395443.50	6908235.41	1197.00	57295.18	99		0	57295.18
8042728	09/02/16	192814	52	N	162.50	395438.17	6908226.40	1197.00	57306.38	99		0	57306.38
8042728	09/02/16	192838	52	N	150.00	395437.85	6908227.13	1194.00	57301.17	99		0	57301.17
8042728	09/02/16	192918	52	N	150.00	395431.03	6908218.38	1195.00	57299.18	99		1	
8042728	09/02/16	192958	52	N	137.50	395425.28	6908207.01	1193.00	57283.67	99		0	57283.67
8042728	09/02/16	193038	52	N	125.00	395416.37	6908194.36	1190.00	57261.76	99		0	57261.76
8042728	09/02/16	193142	52	N	112.50	395410.99	6908184.47	1190.00	57252.88	99		0	57252.88
8042728	09/02/16	193214	52	N	100.00	395408.72	6908172.99	1188.00	57202.05	99		0	57202.05
8042728	09/02/16	193250	52	N	87.50	395402.34	6908164.50	1186.00	57187.77	99		0	57187.77
8042728	09/02/16	193322	52	N	75.00	395396.80	6908155.84	1188.00	57276.77	99		0	57276.77
8042728	09/02/16	193358	52	N	62.50	395387.63	6908146.28	1183.00	57266.37	99		0	57266.37
8042728	09/02/16	193434	52	N	50.00	395381.26	6908138.34	1181.00	57224.63	99		0	57224.63
8042728	09/02/16	193510	52	N	37.50	395372.56	6908126.72	1178.00	57193.55	99		0	57193.55
8042728	09/02/16	193546	52	N	25.00	395366.01	6908116.77	1174.00	57217.81	99		0	57217.81
8042728	09/02/16	193630	52	N	12.50	395361.91	6908106.41	1172.00	57213.71	99		0	57213.71
8042728	09/02/16	193734	52	N	0.00	395355.80	6908099.93	1170.00	57208.45	99		0	57208.45
8042728	09/02/16	193818	52	N	-12.50	395352.33	6908086.99	1162.00	57274.5	69		0	57274.50
8042728	09/02/16	193906	52	N	-25.00	395343.12	6908075.83	1156.00	57234.01	99		0	57234.01
8042728	09/02/16	193946	52	N	-37.50	395336.34	6908069.29	1158.00	57304.73	99		0	57304.73
8042728	09/02/16	194022	52	N	-50.00	395330.13	6908057.77	1154.00	57224.63	99		0	57224.63
8042728	09/02/16	194102	52	N	-62.50	395321.66	6908051.49	1150.00	57189.09	79		0	57189.09
8042728	09/02/16	194130	52	N	-75.00	395317.02	6908041.74	1145.00	57179.43	99		0	57179.43
8042728	09/02/16	194146	52	N	-75.00	395316.20	6908039.59	1142.00	57172.68	99		1	
8042728	09/02/16	194202	52	N	-75.00	395316.32	6908036.17	1150.00	57172.81	99		1	
8042728	09/02/16	195350	54	N	-12.50	395450.36	6907967.59	1154.00	57398.63	99		0	57398.63
8042728	09/02/16	195406	54	N	-12.50	395450.28	6907967.22	1154.00	57397.55	99		1	
8042728	09/02/16	195438	54	N	0.00	395450.22	6907967.54	1154.00	57396.27	99		0	57396.27
8042728	09/02/16	195522	54	N	12.50	395458.45	6907979.44	1151.00	57228.36	99		0	57228.36
8042728	09/02/16	195614	54	N	25.00	395463.85	6907992.28	1156.00	57280.09	99		0	57280.09
8042728	09/02/16	195646	54	N	37.50	395466.89	6908000.68	1159.00	57269.00	99		0	57269.00
8042728	09/02/16	195726	54	N	50.00	395473.54	6908012.68	1159.00	57414.93	99		0	57414.93
8042728	09/02/16	195802	54	N	62.50	395482.21	6908024.92	1163.00	57379.98	99		0	57379.98
8042728	09/02/16	195850	54	N	75.00	395486.93	6908033.67	1163.00	57260.83	99		0	57260.83
8042728	09/02/16	195926	54	N	87.50	395492.51	6908042.15	1163.00	57339.13	99		0	57339.13
8042728	09/02/16	195958	54	N	100.00	395497.81	6908052.88	1166.00	57290.88	99		0	57290.88
8042728	09/02/16	200106	54	N	112.50	395506.77	6908065.12	1171.00	57305.65	99		0	57305.65
8042728	09/02/16	200146	54	N	125.00	395515.62	6908072.58	1170.00	57345.63	99		0	57345.63
8042728	09/02/16	200222	54	N	137.50	395524.17	6908084.42	1169.00	57301.23	99		0	57301.23
8042728	09/02/16	200254	54	N	150.00	395530.22	6908089.76	1173.00	57259.25	99		0	57259.25
8042728	09/02/16	200330	54	N	162.50	395539.37	6908098.95	1171.00	57359.61	99		0	57359.61
8042728	09/02/16	200410	54	N	175.00	395547.63	6908108.54	1175.00	57407.16	99		0	57407.16
8042728	09/02/16	200450	54	N	187.50	395554.01	6908121.71	1170.00	57379.5	99		0	57379.50
8042728	09/02/16	200542	54	N	200.00	395559.22	6908131.38	1173.00	57145.41	99		0	57145.41
8042728	09/02/16	200626	54	N	212.50	395567.41	6908140.98	1175.00	57347.36	99		0	57347.36
8042728	09/02/16	200702	54	N	225.00	395569.91	6908151.71	1177.00	57275.75	99		0	57275.75
8042728	09/02/16	200742	54	N	237.50	395580.89	6908157.40	1181.00	57332.41	99		0	57332.41
8042728	09/02/16	200818	54	N	250.00	395586.54	6908167.49	1179.00	57282.07	99		0	57282.07
8042728	09/02/16	200858	54	N	262.50	395595.47	6908178.67	1177.00	57366.48	99		0	57366.48
8042728	09/02/16	200930	54	N	275.00	395605.38	6908187.03	1181.00	57315.41	99		0	57315.41
8042728	09/02/16	201002	54	N	287.50	395611.18	6908197.03	1184.00	57177.08	99		0	57177.08
8042728	09/02/16	201050	54	N	300.00	395615.54	6908204.74	1185.00	57244.07	99		0	57244.07
8042728	09/02/16	201130	54	N	312.50	395622.80	6908218.20	1186.00	57439.7	89		0	57439.70
8042728	09/02/16	201202	54	N	325.00	395630.45	6908226.76	1189.00	57356.67	99		0	57356.67
8042728	09/02/16	201254	54	N	337.50	395633.56	6908240.53	1189.00	57364.74	99		0	57364.74
8042728	09/02/16	201346	54	N	350.00	395642.24	6908251.74	1193.00	57370.89	99		0	57370.89
8042728	09/02/16	201422	54	N	362.50	395647.81	6908260.05	1193.00	57370.9	99		0	57370.90
8042728	09/02/16	201502	54	N	375.00	395653.49	6908270.34	1195.00	57294.29	69		0	57294.29
8042728	09/02/16	201538	54	N	387.50	395658.41	6908277.24	1196.00	57345.1	99		0	57345.10
8042728	09/02/16	201642	54	N	400.00	395666.61	6908290.53	1199.00	57307.47	99		0	57307.47
8042728	09/02/16	201718	54	N	412.50	395674.83	6908298.80	1201.00	57248.4	99		0	57248.40
8042728	09/02/16	201754	54	N	425.00	395687.41	6908308.82	1204.00	57313.25	99		0	57313.25
8042728	09/02/16	201838	54	N	437.50	395691.41	6908315.75	1204.00	57257.7	99		0	57257.70
8042728	09/02/16	201918	54	N	450.00	395700.12	6908326.23	1205.00	57269.01	99		0	57269.01
8042728	09/02/16	201954	54	N	462.50	395706.64	6908335.01	1206.00	57429.78	99		0	57429.78
8042728	09/02/16	202038	54	N	475.00	395710.09	6908344.91	1208.00	57459.09	99		0	57459.09
8042728	09/02/16	202122	54	N	487.50	395718.94	6908352.94	1212.00	57489.45	99		0	57489.45
8042728	09/02/16	202610	54	N	500.00	395726.14	6908366.01	1213.00	57415.82	99		0	57415.82
8042728	09/02/16	202642	54	N	512.50	395730.58	6908376.22	1215.00	57317.49	99		0	57317.49
8042728	09/02/16	202722	54	N	525.00	395740.16	6908385.35	1217.00	57513.44	99		0	57513.44
8042728	09/02/16	202850	54	N	537.50	395745.55	6908397.96	1221.00	57504.67	99		0	57504.67
8042728	09/02/16	202934	54	N	550.00	395756.17	6908406.80	1226.00	57543.62	99		0	57543.62
8042728	09/02/16	203018	54	N	562.50	395760.43	6908416.68	1225.00	57500.39	99		0	57500.39
8042728	09/02/16	203058	54	N	575.00	395766.57	6908425.08	1226.00	57496.23	99		0	57496.23
8042728	09/02/16	203134	54	N	587.50	395769.90	6908435.05	1231.00	57422.06	99		0	57422.06
8042728	09/02/16	203218	54	N	600.00	395777.75	6908443.55	1231.00	57451.03	99		0	57451.03
8042728	09/02/16	203306	54	N	612.50	395783.36	6908451.12	1231.00	57436.66	99		0	57436.66
8042728	09/02/16	203346	54	N	625.00	395791.66	6908462.58	1238.00	57461.95	99		0	57461.95
8042728	09/02/16	203434	54	N	637.50	395795.89	6908474.84	1235.00	57485.95	99		0	57485.95
8042728	09/02/16	203518	54	N	650.00	395803.33	6908485.41	1237.00	57332.15	99		0	57332.15
8042728	09/02/16	203554	54	N	662.50	395808.36	6908494.93	1238.00	57353.76	99		0	57353.76
8042728	09/02/16	203630	54	N	675.00	395819.11	6908505.31	1238.00	57323.71	99		0	57323.71
8042728	09/02/16	203714	54	N	687.50	395829.42	6908508.55	1240.0					

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	09/02/16	215810	56	N	837.50	396048.91	6908572.10	1216.00	57142.61	69		0	57142.61
8042728	09/02/16	215850	56	N	825.00	396041.83	6908560.84	1207.00	57210.63	99		0	57210.63
8042728	09/02/16	215930	56	N	812.50	396035.28	6908550.57	1209.00	57297.63	99		0	57297.63
8042728	09/02/16	220026	56	N	800.00	396032.42	6908543.11	1212.00	57213.26	99		0	57213.26
8042728	09/02/16	220110	56	N	787.50	396024.62	6908532.76	1214.00	57190.52	99		0	57190.52
8042728	09/02/16	220326	56	N	775.00	396020.78	6908521.26	1213.00	57123.23	99		0	57123.23
8042728	09/02/16	220414	56	N	775.00	396021.87	6908522.22	1209.00	57124.65	99		1	
8042728	09/02/16	220454	56	N	762.50	396018.22	6908510.30	1208.00	57151.91	99		0	57151.91
8042728	09/02/16	220534	56	N	750.00	396008.88	6908498.07	1208.00	57205.5	79		0	57205.50
8042728	09/02/16	220606	56	N	737.50	396003.08	6908491.98	1207.00	57195.5	99		0	57195.50
8042728	09/02/16	220646	56	N	725.00	395992.71	6908482.80	1205.00	57172.59	99		0	57172.59
8042728	09/02/16	220714	56	N	712.50	395984.62	6908472.70	1203.00	57202.07	99		0	57202.07
8042728	09/02/16	220754	56	N	700.00	395976.33	6908463.17	1199.00	57276.05	99		0	57276.05
8042728	09/02/16	220822	56	N	687.50	395971.09	6908455.54	1203.00	57252.22	79		0	57252.22
8042728	09/02/16	220858	56	N	675.00	395961.13	6908442.48	1201.00	57381.99	69		0	57381.99
8042728	09/02/16	220926	56	N	662.50	395952.35	6908434.63	1201.00	57107.32	79		0	57107.32
8042728	09/02/16	221006	56	N	650.00	395945.74	6908426.73	1200.00	57295.83	69		0	57295.83
8042728	09/02/16	221042	56	N	637.50	395937.94	6908418.78	1198.00	57232.99	79		0	57232.99
8042728	09/02/16	221114	56	N	625.00	395931.46	6908406.81	1198.00	57250.65	99		0	57250.65
8042728	09/02/16	221158	56	N	612.50	395922.50	6908396.61	1196.00	57354.41	99		0	57354.41
8042728	09/02/16	221230	56	N	600.00	395915.59	6908386.05	1195.00	57303.03	99		0	57303.03
8042728	09/02/16	221258	56	N	587.50	395907.69	6908378.70	1193.00	57201.86	89		0	57201.86
8042728	09/02/16	221514	56	N	575.00	395902.83	6908363.22	1194.00	57352.68	89		0	57352.68
8042728	09/02/16	221554	56	N	562.50	395895.76	6908357.96	1189.00	57236.34	99		0	57236.34
8042728	09/02/16	221618	56	N	550.00	395893.16	6908347.49	1190.00	57292.39	99		0	57292.39
8042728	09/02/16	221646	56	N	537.50	395889.33	6908336.09	1187.00	57259.12	89		0	57259.12
8042728	09/02/16	221714	56	N	525.00	395878.41	6908323.41	1184.00	57302.19	99		0	57302.19
8042728	09/02/16	221750	56	N	512.50	395872.20	6908315.30	1182.00	57331.35	99		0	57331.35
8042728	09/02/16	221818	56	N	500.00	395865.36	6908306.02	1181.00	57176	59		0	57176.00
8042728	09/02/16	221842	56	N	487.50	395861.17	6908298.78	1178.00	57334.16	99		0	57334.16
8042728	09/02/16	221914	56	N	475.00	395852.74	6908281.31	1178.00	57314.87	99		0	57314.87
8042728	09/02/16	221942	56	N	462.50	395848.17	6908272.14	1174.00	57274.34	99		0	57274.34
8042728	09/02/16	222022	56	N	450.00	395841.27	6908261.74	1177.00	57326.62	99		0	57326.62
8042728	09/02/16	222102	56	N	437.50	395835.50	6908249.67	1173.00	57329.54	99		0	57329.54
8042728	09/02/16	222126	56	N	425.00	395831.02	6908238.45	1170.00	57215.75	99		0	57215.75
8042728	09/02/16	222214	56	N	412.50	395823.70	6908230.05	1170.00	57209.45	99		0	57209.45
8042728	09/02/16	222330	56	N	400.00	395817.91	6908223.83	1170.00	57205.04	79		0	57205.04
8042728	09/02/16	222402	56	N	387.50	395809.79	6908212.93	1169.00	57283.67	99		0	57283.67
8042728	09/02/16	222434	56	N	375.00	395800.13	6908203.70	1167.00	57193.33	99		0	57193.33
8042728	09/02/16	222502	56	N	362.50	395794.41	6908193.65	1165.00	57172.75	99		0	57172.75
8042728	09/02/16	222530	56	N	350.00	395786.10	6908183.15	1164.00	57174.32	99		0	57174.32
8042728	09/02/16	222602	56	N	337.50	395778.62	6908173.89	1161.00	57141.9	99		0	57141.90
8042728	09/02/16	222634	56	N	325.00	395771.06	6908165.64	1162.00	57160.43	99		0	57160.43
8042728	09/02/16	222706	56	N	312.50	395763.95	6908157.70	1163.00	57173.95	99		0	57173.95
8042728	09/02/16	222738	56	N	300.00	395754.88	6908146.82	1158.00	57198.08	99		0	57198.08
8042728	09/02/16	222802	56	N	287.50	395749.24	6908136.17	1160.00	57209.17	99		0	57209.17
8042728	09/02/16	222834	56	N	275.00	395739.56	6908126.65	1154.00	57191.87	99		0	57191.87
8042728	09/02/16	222914	56	N	262.50	395731.38	6908120.22	1152.00	57224.66	99		0	57224.66
8042728	09/02/16	222950	56	N	250.00	395726.04	6908108.92	1155.00	57156.24	99		0	57156.24
8042728	09/02/16	223018	56	N	237.50	395717.53	6908095.79	1149.00	57171.89	99		0	57171.89
8042728	09/02/16	223042	56	N	225.00	395716.26	6908089.15	1149.00	57122.38	79		0	57122.38
8042728	09/02/16	223114	56	N	212.50	395709.88	6908077.88	1148.00	57087.91	99		0	57087.91
8042728	09/02/16	223142	56	N	200.00	395701.86	6908065.73	1145.00	57172.22	99		0	57172.22
8042728	09/02/16	223210	56	N	187.50	395696.82	6908056.10	1142.00	57230.25	99		0	57230.25
8042728	09/02/16	223254	56	N	175.00	395688.25	6908047.53	1142.00	57272.59	99		0	57272.59
8042728	09/02/16	223322	56	N	162.50	395679.23	6908033.53	1144.00	57186.55	99		0	57186.55
8042728	09/02/16	223350	56	N	150.00	395676.10	6908024.54	1140.00	57240.48	99		0	57240.48
8042728	09/02/16	223418	56	N	137.50	395672.22	6908014.80	1139.00	57225.98	99		0	57225.98
8042728	09/02/16	223450	56	N	125.00	395664.58	6908006.81	1136.00	57239.82	89		0	57239.82
8042728	09/02/16	223522	56	N	112.50	395652.79	6907999.49	1133.00	57186.83	99		0	57186.83
8042728	09/02/16	223554	56	N	100.00	395645.93	6907990.71	1132.00	57125.45	99		0	57125.45
8042728	09/02/16	223622	56	N	87.50	395635.55	6907980.87	1136.00	57235.62	99		0	57235.62
8042728	09/02/16	223650	56	N	75.00	395627.87	6907967.23	1130.00	57193.42	99		0	57193.42
8042728	09/02/16	223722	56	N	62.50	395624.06	6907959.85	1128.00	57210.59	99		0	57210.59
8042728	09/02/16	223746	56	N	50.00	395619.22	6907948.83	1128.00	57215.59	99		0	57215.59
8042728	09/02/16	223818	56	N	37.50	395612.37	6907938.39	1123.00	57254.28	99		0	57254.28
8042728	09/02/16	223846	56	N	25.00	395605.64	6907928.18	1122.00	57240.41	99		0	57240.41
8042728	09/02/16	223922	56	N	12.50	395601.03	6907919.11	1119.00	57132.07	89		0	57132.07
8042728	09/02/16	223950	56	N	0.00	395595.12	6907906.91	1117.00	57133.64	99		0	57133.64
8042728	09/02/16	224018	56	N	-12.50	395589.38	6907907.01	1122.00	57115.41	79		0	57115.41
8042728	09/02/16	224050	56	N	-25.00	395586.66	6907884.89	1115.00	57132.67	79		0	57132.67
8042728	09/02/16	224118	56	N	-37.50	395580.24	6907876.17	1111.00	57099.68	79		0	57099.68
8042728	09/02/16	224202	56	N	-50.00	395571.37	6907870.08	1111.00	57196.7	99		0	57196.70
8042728	09/02/16	224222	56	N	-50.00	395570.98	6907868.52	1109.00	57239.61	99		2	
8042728	09/02/16	225906	58	N	0.00	395656.46	6907825.20	1082.00	57176.35	89		0	57176.35
8042728	09/02/16	225930	58	N	0.00	395656.00	6907825.73	1081.00	57201.77	99		2	
8042728	09/02/16	230010	58	N	12.50	395660.98	6907836.25	1089.00	57255.65	99		0	57255.65
8042728	09/02/16	230102	58	N	25.00	395670.54	6907844.08	1085.00	57273.63	99		0	57273.63
8042728	09/02/16	230202	58	N	37.50	395676.19	6907855.74	1091.00	57232.08	99		0	57232.08
8042728	09/02/16	230242	58	N	50.00	395681.76	6907869.14	1089.00	57194.49	99		0	57194.49
8042728	09/02/16	230334	58	N	62.50	395688.22	6907877.55	1091.00	57071.28	99		0	57071.28
8042728	09/02/16	230510	58	N	75.00	395694.96	6907885.27	1095.00	57228.69	99		0	57228.69
8042728	09/02/16	230550	58	N	87.50	395702.85	6907896.3						

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/02/16	190542	51	N	700.00	395685.93	6908653.19	1272.00	57367.19	99		0	57367.19
1124844	09/02/16	190622	51	N	687.50	395675.83	6908645.40	1268.00	57356.95	99		0	57356.95
1124844	09/02/16	190654	51	N	675.00	395667.61	6908635.93	1261.00	57323.85	99		0	57323.85
1124844	09/02/16	190722	51	N	662.50	395661.83	6908623.89	1260.00	57344.05	99		0	57344.05
1124844	09/02/16	190754	51	N	650.00	395656.51	6908614.08	1260.00	57322.6	99		0	57322.60
1124844	09/02/16	190826	51	N	637.50	395649.21	6908600.79	1259.00	57294.91	99		0	57294.91
1124844	09/02/16	190858	51	N	625.00	395643.17	6908590.42	1259.00	57283.33	99		0	57283.33
1124844	09/02/16	190930	51	N	612.50	395635.62	6908579.99	1259.00	57483.59	99		0	57483.59
1124844	09/02/16	191010	51	N	600.00	395629.32	6908570.61	1258.00	57491.29	99		0	57491.29
1124844	09/02/16	191102	51	N	587.50	395620.55	6908562.10	1257.00	57367.55	99		0	57367.55
1124844	09/02/16	191134	51	N	575.00	395614.25	6908552.72	1252.00	57422.44	99		0	57422.44
1124844	09/02/16	191214	51	N	562.50	395605.48	6908543.61	1249.00	57415.49	99		0	57415.49
1124844	09/02/16	191242	51	N	550.00	395596.81	6908533.59	1245.00	57446.87	99		0	57446.87
1124844	09/02/16	191314	51	N	537.50	395591.14	6908523.01	1245.00	57480.67	99		0	57480.67
1124844	09/02/16	191346	51	N	525.00	395584.59	6908510.69	1241.00	57517.76	99		0	57517.76
1124844	09/02/16	191426	51	N	512.50	395576.72	6908501.98	1240.00	57434.14	99		0	57434.14
1124844	09/02/16	191458	51	N	500.00	395570.02	6908493.23	1239.00	57331.1	99		0	57331.10
1124844	09/02/16	191534	51	N	487.50	395560.56	6908483.58	1234.00	57028.56	99		0	57028.56
1124844	09/02/16	191758	51	N	475.00	395559.09	6908470.05	1233.00	57354.92	99		0	57354.92
1124844	09/02/16	191830	51	N	462.50	395552.54	6908461.02	1233.00	57359.35	99		0	57359.35
1124844	09/02/16	191854	51	N	450.00	395546.85	6908450.49	1233.00	57337.97	99		0	57337.97
1124844	09/02/16	191922	51	N	437.50	395538.66	6908441.51	1231.00	57304	99		0	57304.00
1124844	09/02/16	191950	51	N	425.00	395529.18	6908429.07	1229.00	57347.12	99		0	57347.12
1124844	09/02/16	192018	51	N	412.50	395524.51	6908420.03	1227.00	57325.75	99		0	57325.75
1124844	09/02/16	192046	51	N	400.00	395515.93	6908409.24	1224.00	57306.18	99		0	57306.18
1124844	09/02/16	192114	51	N	387.50	395507.47	6908398.84	1223.00	57424.83	99		0	57424.83
1124844	09/02/16	192146	51	N	375.00	395495.26	6908392.39	1222.00	57442.79	99		0	57442.79
1124844	09/02/16	192546	51	N	362.50	395490.27	6908382.70	1223.00	57360.55	99		0	57360.55
1124844	09/02/16	192618	51	N	350.00	395485.78	6908370.93	1219.00	57443.42	99		0	57443.42
1124844	09/02/16	192650	51	N	337.50	395477.79	6908360.25	1216.00	57468.13	99		0	57468.13
1124844	09/02/16	192718	51	N	325.00	395470.43	6908349.34	1214.00	57453.48	99		0	57453.48
1124844	09/02/16	192746	51	N	312.50	395465.17	6908339.46	1214.00	57439.56	99		0	57439.56
1124844	09/02/16	192818	51	N	300.00	395457.10	6908327.75	1209.00	57497.93	99		0	57497.93
1124844	09/02/16	192850	51	N	287.50	395449.54	6908314.78	1206.00	57472.93	99		0	57472.93
1124844	09/02/16	192930	51	N	275.00	395439.30	6908303.08	1204.00	57494.66	99		0	57494.66
1124844	09/02/16	193002	51	N	262.50	395432.67	6908294.83	1202.00	57334.19	99		0	57334.19
1124844	09/02/16	193030	51	N	250.00	395426.72	6908286.38	1201.00	57336.73	99		0	57336.73
1124844	09/02/16	193122	51	N	237.50	395421.74	6908277.98	1199.00	57303.67	99		0	57303.67
1124844	09/02/16	193150	51	N	225.00	395415.61	6908267.31	1195.00	57292.49	99		0	57292.49
1124844	09/02/16	193222	51	N	212.50	395407.18	6908258.19	1191.00	57268.11	99		0	57268.11
1124844	09/02/16	193250	51	N	200.00	395399.25	6908248.84	1188.00	57268.96	99		0	57268.96
1124844	09/02/16	193318	51	N	187.50	395390.55	6908238.94	1185.00	57272.05	99		0	57272.05
1124844	09/02/16	193346	51	N	175.00	395383.12	6908224.61	1181.00	57255.09	99		0	57255.09
1124844	09/02/16	193414	51	N	162.50	395377.06	6908218.20	1183.00	57246.29	99		0	57246.29
1124844	09/02/16	193442	51	N	150.00	395367.94	6908203.77	1179.00	57297.93	99		0	57297.93
1124844	09/02/16	193514	51	N	137.50	395364.56	6908195.76	1178.00	57262.62	99		0	57262.62
1124844	09/02/16	193550	51	N	125.00	395358.22	6908183.70	1176.00	57297.94	99		0	57297.94
1124844	09/02/16	193630	51	N	112.50	395348.86	6908175.60	1174.00	57292.28	99		0	57292.28
1124844	09/02/16	193710	51	N	100.00	395346.80	6908163.21	1171.00	57268.97	99		0	57268.97
1124844	09/02/16	193746	51	N	87.50	395335.97	6908153.76	1169.00	57264.01	99		0	57264.01
1124844	09/02/16	193822	51	N	75.00	395331.01	6908143.83	1162.00	57275.03	99		0	57275.03
1124844	09/02/16	193854	51	N	62.50	395326.53	6908134.57	1164.00	57264.66	99		0	57264.66
1124844	09/02/16	193926	51	N	50.00	395319.30	6908125.79	1161.00	57357.93	99		0	57357.93
1124844	09/02/16	194014	51	N	37.50	395309.34	6908114.14	1157.00	57367.62	99		0	57367.62
1124844	09/02/16	194058	51	N	25.00	395302.07	6908105.26	1156.00	57337.04	99		0	57337.04
1124844	09/02/16	194130	51	N	12.50	395293.80	6908094.98	1156.00	57380.2	99		0	57380.20
1124844	09/02/16	194214	51	N	0.00	395285.23	6908082.21	1152.00	57297.23	99		0	57297.23
1124844	09/02/16	194234	51	N	0.00	395284.99	6908081.00	1151.00	57292.89	99		1	
1124844	09/02/16	195446	53	N	0.00	395407.31	6907994.18	1158.00	57289.23	99		0	57289.23
1124844	09/02/16	195506	53	N	0.00	395407.36	6907994.27	1157.00	57286.95	99		1	
1124844	09/02/16	195546	53	N	12.50	395413.36	6908005.69	1160.00	57241.15	99		0	57241.15
1124844	09/02/16	195626	53	N	25.00	395419.83	6908016.96	1162.00	57364.38	99		0	57364.38
1124844	09/02/16	195702	53	N	37.50	395428.18	6908026.04	1165.00	57320.18	99		0	57320.18
1124844	09/02/16	195738	53	N	50.00	395436.07	6908036.80	1168.00	57309.22	99		0	57309.22
1124844	09/02/16	195806	53	N	62.50	395442.59	6908045.06	1167.00	57261.85	99		0	57261.85
1124844	09/02/16	195854	53	N	75.00	395450.56	6908056.40	1171.00	57314.3	99		0	57314.30
1124844	09/02/16	195930	53	N	87.50	395455.77	6908066.38	1174.00	57445.81	99		0	57445.81
1124844	09/02/16	200006	53	N	100.00	395460.91	6908077.83	1176.00	57325.54	99		0	57325.54
1124844	09/02/16	200038	53	N	112.50	395470.39	6908086.34	1177.00	57398.18	99		0	57398.18
1124844	09/02/16	200122	53	N	125.00	395478.58	6908098.64	1177.00	57398.08	99		0	57398.08
1124844	09/02/16	200202	53	N	137.50	395483.79	6908111.23	1177.00	57347	99		0	57347.00
1124844	09/02/16	200238	53	N	150.00	395492.79	6908120.88	1177.00	57331.9	99		0	57331.90
1124844	09/02/16	200310	53	N	162.50	395501.38	6908127.92	1180.00	57344.17	99		0	57344.17
1124844	09/02/16	200342	53	N	175.00	395506.14	6908138.67	1183.00	57254.82	99		0	57254.82
1124844	09/02/16	200418	53	N	187.50	395512.62	6908151.84	1184.00	57245.1	99		0	57245.10
1124844	09/02/16	200502	53	N	200.00	395520.45	6908164.27	1185.00	57272.76	99		0	57272.76
1124844	09/02/16	200538	53	N	212.50	395527.43	6908171.79	1188.00	57285.66	99		0	57285.66
1124844	09/02/16	200626	53	N	225.00	395536.58	6908184.51	1189.00	57323.85	99		0	57323.85
1124844	09/02/16	200702	53	N	237.50	395540.36	6908194.01	1184.00	57303.73	99		0	57303.73
1124844	09/02/16	200750	53	N	250.00	395552.21	6908203.26	1190.00	57354.32	99		0	57354.32
1124844	09/02/16	200838	53	N	262.50	395558.82	6908214.02	1196.00	57286.12	99		0	57286.12
1124844	09/02/16	200918	53	N	275.00	395564.34	6908225.20	1197.00	57246.35	99		0	57246.35
1124844	09/02/16	200950	53	N	287.50	395574.54	69						

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/02/16	213514	55	N	775.00	395931.91	6908566.78	1229.00	57277.52	99		0	57277.52
1124844	09/02/16	213550	55	N	762.50	395925.09	6908555.74	1226.00	57290.74	99		0	57290.74
1124844	09/02/16	213618	55	N	750.00	395917.91	6908549.57	1227.00	57259.15	99		0	57259.15
1124844	09/02/16	213702	55	N	737.50	395909.76	6908540.83	1227.00	57268.31	99		0	57268.31
1124844	09/02/16	213734	55	N	725.00	395904.93	6908528.89	1223.00	57258.37	99		0	57258.37
1124844	09/02/16	213814	55	N	712.50	395897.90	6908517.16	1222.00	57261.64	99		0	57261.64
1124844	09/02/16	213858	55	N	700.00	395889.07	6908507.79	1226.00	57298.65	99		0	57298.65
1124844	09/02/16	213942	55	N	687.50	395879.52	6908493.31	1225.00	57391.23	99		0	57391.23
1124844	09/02/16	214014	55	N	675.00	395873.80	6908485.59	1228.00	57377.84	99		0	57377.84
1124844	09/02/16	214146	55	N	662.50	395866.12	6908471.78	1221.00	57296.32	99		0	57296.32
1124844	09/02/16	214250	55	N	650.00	395859.50	6908462.58	1220.00	57385.21	99		0	57385.21
1124844	09/02/16	214342	55	N	637.50	395854.40	6908455.52	1216.00	57366.39	99		0	57366.39
1124844	09/02/16	214418	55	N	625.00	395845.93	6908447.82	1220.00	57382.18	99		0	57382.18
1124844	09/02/16	214450	55	N	612.50	395838.25	6908437.85	1214.00	57339.88	99		0	57339.88
1124844	09/02/16	214530	55	N	600.00	395831.92	6908426.36	1211.00	57349.73	99		0	57349.73
1124844	09/02/16	214606	55	N	587.50	395824.33	6908415.77	1211.00	57387.62	99		0	57387.62
1124844	09/02/16	214642	55	N	575.00	395818.21	6908405.54	1208.00	57446.53	99		0	57446.53
1124844	09/02/16	214718	55	N	562.50	395806.39	6908396.68	1202.00	57434.22	99		0	57434.22
1124844	09/02/16	214754	55	N	550.00	395801.76	6908387.60	1207.00	57468.04	99		0	57468.04
1124844	09/02/16	214834	55	N	537.50	395792.93	6908377.57	1205.00	57481.59	99		0	57481.59
1124844	09/02/16	214918	55	N	525.00	395786.94	6908365.30	1202.00	57498.33	99		0	57498.33
1124844	09/02/16	215002	55	N	512.50	395779.53	6908353.83	1199.00	57413.51	99		0	57413.51
1124844	09/02/16	215034	55	N	500.00	395771.24	6908346.84	1197.00	57351.12	99		0	57351.12
1124844	09/02/16	215202	55	N	487.50	395764.78	6908336.74	1198.00	57439.08	99		0	57439.08
1124844	09/02/16	215234	55	N	475.00	395758.52	6908325.61	1196.00	57470.89	99		0	57470.89
1124844	09/02/16	215310	55	N	462.50	395750.81	6908315.60	1193.00	57522.73	99		0	57522.73
1124844	09/02/16	215358	55	N	450.00	395742.75	6908306.59	1190.00	57395.07	99		0	57395.07
1124844	09/02/16	215426	55	N	437.50	395738.81	6908301.21	1191.00	57717.21	3		9	
1124844	09/02/16	215526	55	N	425.00	395730.46	6908284.40	1189.00	57321.23	99		0	57321.23
1124844	09/02/16	215554	55	N	412.50	395724.84	6908273.48	1187.00	57406.83	99		0	57406.83
1124844	09/02/16	215626	55	N	400.00	395719.40	6908261.12	1182.00	57310.02	99		0	57310.02
1124844	09/02/16	215702	55	N	387.50	395710.49	6908252.09	1183.00	57322.68	99		0	57322.68
1124844	09/02/16	215738	55	N	375.00	395700.67	6908243.92	1185.00	57297.21	99		0	57297.21
1124844	09/02/16	215930	55	N	362.50	395692.79	6908227.22	1178.00	57265.85	99		0	57265.85
1124844	09/02/16	220018	55	N	350.00	395684.64	6908217.06	1180.00	57287.7	99		0	57287.7
1124844	09/02/16	220310	55	N	337.50	395676.25	6908202.21	1174.00	57321.59	99		0	57321.59
1124844	09/02/16	220346	55	N	325.00	395671.14	6908193.68	1179.00	57316.3	99		0	57316.3
1124844	09/02/16	220458	55	N	312.50	395661.66	6908182.97	1170.00	57236.76	99		0	57236.76
1124844	09/02/16	220538	55	N	300.00	395653.81	6908174.42	1169.00	57272.08	99		0	57272.08
1124844	09/02/16	220626	55	N	287.50	395645.27	6908162.99	1168.00	57347.2	99		0	57347.2
1124844	09/02/16	220706	55	N	275.00	395638.36	6908154.21	1168.00	57359.75	99		0	57359.75
1124844	09/02/16	220746	55	N	262.50	395633.07	6908142.33	1168.00	57267.06	99		0	57267.06
1124844	09/02/16	220818	55	N	250.00	395626.26	6908133.20	1165.00	57293.08	99		0	57293.08
1124844	09/02/16	220858	55	N	237.50	395616.56	6908121.79	1162.00	57260.49	99		0	57260.49
1124844	09/02/16	220942	55	N	225.00	395606.11	6908111.36	1161.00	57226.9	99		0	57226.9
1124844	09/02/16	221026	55	N	212.50	395601.57	6908100.10	1160.00	57393.41	99		0	57393.41
1124844	09/02/16	221114	55	N	200.00	395595.58	6908091.12	1159.00	57330.85	99		0	57330.85
1124844	09/02/16	221154	55	N	187.50	395592.19	6908081.83	1158.00	57365.25	99		0	57365.25
1124844	09/02/16	221238	55	N	175.00	395584.91	6908071.31	1155.00	57409.46	99		0	57409.46
1124844	09/02/16	221314	55	N	162.50	395578.48	6908060.15	1155.00	57365.13	99		0	57365.13
1124844	09/02/16	221354	55	N	150.00	395571.80	6908051.26	1152.00	57378.68	99		0	57378.68
1124844	09/02/16	221426	55	N	137.50	395564.11	6908041.92	1152.00	57378.17	99		0	57378.17
1124844	09/02/16	221502	55	N	125.00	395555.57	6908030.16	1151.00	57250.23	99		0	57250.23
1124844	09/02/16	221534	55	N	112.50	395548.84	6908021.24	1150.00	57250.75	99		0	57250.75
1124844	09/02/16	221606	55	N	100.00	395541.38	6908012.19	1149.00	57391.67	99		0	57391.67
1124844	09/02/16	221714	55	N	87.50	395532.68	6907999.98	1146.00	57332.68	99		0	57332.68
1124844	09/02/16	221750	55	N	75.00	395523.73	6907989.29	1145.00	57344.9	99		0	57344.9
1124844	09/02/16	221858	55	N	62.50	395518.13	6907979.52	1144.00	57342.71	99		0	57342.71
1124844	09/02/16	221934	55	N	50.00	395510.74	6907970.73	1142.00	57309.31	99		0	57309.31
1124844	09/02/16	222014	55	N	37.50	395502.62	6907960.34	1142.00	57282.76	99		0	57282.76
1124844	09/02/16	222050	55	N	25.00	395495.67	6907949.63	1138.00	57375.91	99		0	57375.91
1124844	09/02/16	222130	55	N	12.50	395489.65	6907941.31	1137.00	57303.12	99		0	57303.12
1124844	09/02/16	222218	55	N	0.00	395484.50	6907930.48	1134.00	57306.23	99		0	57306.23
1124844	09/02/16	222242	55	N	0.00	395486.08	6907932.05	1135.00	57308.06	99		1	
1124844	09/02/16	225942	57	N	0.00	395612.72	6907847.73	1095.00	57181.72	99		0	57181.72
1124844	09/02/16	230038	57	N	0.00	395611.74	6907846.76	1094.00	57180.66	99		1	
1124844	09/02/16	230138	57	N	12.50	395620.64	6907860.20	1096.00	57270.64	99		0	57270.64
1124844	09/02/16	230218	57	N	25.00	395631.28	6907869.05	1097.00	57266.45	99		0	57266.45
1124844	09/02/16	230322	57	N	37.50	395630.56	6907881.47	1104.00	57206.32	99		0	57206.32
1124844	09/02/16	230546	57	N	50.00	395638.46	6907893.34	1104.00	57185.67	99		0	57185.67
1124844	09/02/16	230726	57	N	62.50	395647.61	6907899.27	1107.00	57149.03	99		0	57149.03
1124844	09/02/16	230910	57	N	75.00	395657.04	6907911.62	1107.00	57253.53	99		0	57253.53
1124844	09/02/16	230950	57	N	87.50	395662.14	6907920.73	1108.00	57230.18	99		0	57230.18
1124844	09/02/16	231038	57	N	100.00	395664.45	6907930.55	1110.00	57258.27	99		0	57258.27
1124844	09/02/16	231122	57	N	112.50	395671.58	6907941.29	1112.00	57243.42	99		0	57243.42
1124844	09/02/16	231214	57	N	125.00	395679.78	6907947.01	1115.00	57202.28	99		0	57202.28
1124844	09/02/16	231254	57	N	137.50	395689.29	6907951.56	1118.00	57286.46	99		0	57286.46
1124844	09/02/16	231330	57	N	150.00	395695.26	6907964.12	1120.00	57273.03	99		0	57273.03
1124844	09/02/16	231410	57	N	162.50	395700.15	6907975.97	1118.00	57192.31	99		0	57192.31
1124844	09/02/16	231454	57	N	175.00	395707.32	6907987.15	1122.00	57235.65	99		0	57235.65
1124844	09/02/16	231546	57	N	187.50	395711.35	6908000.10	1122.00	57206.01	99		0	57206.01
1124844	09/02/16	231634	57	N	200.00	395713.49	6908010.34	1126.00	57229.67	99		0	57229.67
1124844	09/02/16	231730	57	N	212.50	395722.45	6908019.20						

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
8042728	09/04/16	213522	71	N	300.00	397034.25	6908502.31	1221.00	57277.24	79		0	57277.24
8042728	09/04/16	213550	71	N	312.50	397041.57	6908512.63	1222.00	57208.47	99		0	57208.47
8042728	09/04/16	213622	71	N	325.00	397050.14	6908523.46	1223.00	57153.12	99		0	57153.12
8042728	09/04/16	213650	71	N	337.50	397058.65	6908534.36	1223.00	57232.71	69		0	57232.71
8042728	09/04/16	213718	71	N	350.00	397064.86	6908543.07	1224.00	57137.55	99		0	57137.55
8042728	09/04/16	213746	71	N	362.50	397071.46	6908551.41	1225.00	57193.39	99		0	57193.39
8042728	09/04/16	213818	71	N	375.00	397077.80	6908561.71	1225.00	57148.11	99		0	57148.11
8042728	09/04/16	213850	71	N	387.50	397085.27	6908570.70	1229.00	57182.57	99		0	57182.57
8042728	09/04/16	213930	71	N	400.00	397091.15	6908579.04	1228.00	57148.38	69		0	57148.38
8042728	09/04/16	213946	71	N	400.00	397091.45	6908579.14	1228.00	57131.83	69		2	
8042728	09/04/16	214002	71	N	412.50	397090.90	6908578.40	1227.00	57214.99	99		0	57214.99
8042728	09/04/16	214030	71	N	400.00	397090.57	6908577.98	1227.00	57224.66	99		0	57224.66
8042728	09/04/16	214122	71	N	412.50	397101.57	6908588.28	1229.00	57092.63	99		0	57092.63
8042728	09/04/16	214158	71	N	425.00	397110.58	6908596.38	1230.00	57057.87	99		0	57057.87
8042728	09/04/16	214234	71	N	437.50	397119.84	6908602.57	1232.00	57035.9	99		0	57035.90
8042728	09/04/16	214318	71	N	437.50	397114.38	6908608.54	1230.00	57051.74	99		2	
8042728	09/04/16	214454	71	N	450.00	397122.70	6908618.56	1232.00	57053.95	99		0	57053.95
8042728	09/04/16	214526	71	N	462.50	397130.96	6908628.28	1234.00	57041.63	99		0	57041.63
8042728	09/04/16	214614	71	N	475.00	397139.67	6908636.80	1239.00	57041.12	99		0	57041.12
8042728	09/04/16	214646	71	N	487.50	397146.23	6908647.99	1241.00	57045.28	99		0	57045.28
8042728	09/04/16	214718	71	N	500.00	397152.58	6908657.91	1240.00	57074.01	99		0	57074.01
8042728	09/04/16	214754	71	N	512.50	397160.78	6908668.71	1243.00	57101.18	99		0	57101.18
8042728	09/04/16	214818	71	N	525.00	397167.75	6908678.67	1243.00	57040.55	79		0	57040.55
8042728	09/04/16	214842	71	N	537.50	397174.94	6908690.58	1241.00	57052.6	99		0	57052.60
8042728	09/04/16	214910	71	N	550.00	397183.35	6908702.95	1240.00	57076.25	99		0	57076.25
8042728	09/04/16	214926	71	N	550.00	397183.26	6908702.69	1240.00	57072.55	99		1	
8042728	09/04/16	214942	71	N	550.00	397183.28	6908702.98	1240.00	57076.68	99		1	
8042728	09/04/16	215522	73	N	550.00	397305.22	6908613.64	1256.00	57055.6	99		0	57055.60
8042728	09/04/16	215622	73	N	550.00	397305.41	6908613.73	1256.00	57084.76	99		2	
8042728	09/04/16	215658	73	N	537.50	397297.03	6908604.13	1260.00	57096.05	99		0	57096.05
8042728	09/04/16	215746	73	N	525.00	397290.89	6908594.15	1263.00	57012.21	99		0	57012.21
8042728	09/04/16	215834	73	N	512.50	397283.75	6908585.34	1259.00	57051.39	48		0	57051.39
8042728	09/04/16	215906	73	N	500.00	397274.98	6908575.98	1255.00	57026.15	99		0	57026.15
8042728	09/04/16	215934	73	N	487.50	397267.58	6908566.41	1251.00	57030.3	99		0	57030.30
8042728	09/04/16	220002	73	N	475.00	397260.61	6908557.24	1248.00	56987.28	49		2	
8042728	09/04/16	220018	73	N	475.00	397260.83	6908557.75	1248.00	57000.58	99		0	57000.58
8042728	09/04/16	220046	73	N	462.50	397254.12	6908548.63	1244.00	57003.43	99		0	57003.43
8042728	09/04/16	220118	73	N	450.00	397246.59	6908538.23	1242.00	57005.54	99		0	57005.54
8042728	09/04/16	220154	73	N	437.50	397240.18	6908529.10	1239.00	56992.13	99		0	56992.13
8042728	09/04/16	220222	73	N	425.00	397233.45	6908519.30	1237.00	56996.44	99		0	56996.44
8042728	09/04/16	220250	73	N	412.50	397225.29	6908507.21	1235.00	57092.87	99		0	57092.87
8042728	09/04/16	220314	73	N	400.00	397219.39	6908497.65	1234.00	57077.82	99		0	57077.82
8042728	09/04/16	220338	73	N	387.50	397211.62	6908487.40	1232.00	57083.43	99		0	57083.43
8042728	09/04/16	220406	73	N	375.00	397202.07	6908473.79	1230.00	57072.5	99		0	57072.50
8042728	09/04/16	220430	73	N	362.50	397198.56	6908465.58	1230.00	57226	99		0	57226.00
8042728	09/04/16	220502	73	N	350.00	397192.19	6908455.03	1228.00	57119.89	99		0	57119.89
8042728	09/04/16	220530	73	N	-12.50	397186.65	6908446.46	1227.00	57058.89	99		0	57058.89
8042728	09/04/16	220602	73	N	-25.00	397179.05	6908434.43	1226.00	57250.32	99		0	57250.32
8042728	09/04/16	220638	73	N	-37.50	397170.06	6908421.01	1224.00	57328.91	99		0	57328.91
8042728	09/04/16	220702	73	N	-50.00	397163.91	6908413.46	1223.00	57226.55	99		0	57226.55
8042728	09/04/16	220726	73	N	-62.50	397157.50	6908404.70	1222.00	57296.04	99		0	57296.04
8042728	09/04/16	220758	73	N	-75.00	397150.52	6908394.47	1221.00	57291.25	99		0	57291.25
8042728	09/04/16	220842	73	N	-75.00	397142.01	6908380.00	1221.00	57279.3	99		2	
8042728	09/04/16	220918	73	N	-75.00	397134.45	6908369.15	1221.00	57286.46	99		1	
8042728	09/04/16	221010	73	N	237.50	397127.65	6908357.46	1219.00	57338.42	99			57338.42
8042728	09/04/16	221046	73	N	-12.50	397121.26	6908348.51	1219.00	57270.79	99		0	57270.79
8042728	09/04/16	221118	73	N	-12.50	397114.27	6908338.16	1218.00	57222.59	99		2	
8042728	09/04/16	221150	73	N	200.00	397106.66	6908328.08	1217.00	57147.86	79		0	57147.86
8042728	09/04/16	221210	73	N	200.00	397106.54	6908327.81	1217.00	57168.71	99		2	
8042728	09/04/16	221242	73	N	187.50	397100.55	6908317.68	1216.00	57104.35	99		0	57104.35
8042728	09/04/16	221314	73	N	175.00	397096.10	6908308.97	1216.00	57075.69	99		0	57075.69
8042728	09/04/16	221354	73	N	162.50	397088.57	6908296.70	1215.00	57089.9	99		0	57089.90
8042728	09/04/16	221426	73	N	150.00	397081.53	6908286.28	1214.00	57064.56	99		0	57064.56
8042728	09/04/16	221502	73	N	137.50	397075.22	6908277.00	1214.00	57186.49	99		0	57186.49
8042728	09/04/16	221534	73	N	125.00	397069.62	6908268.17	1213.00	57214.81	99		0	57214.81
8042728	09/04/16	221606	73	N	112.50	397064.51	6908259.33	1213.00	57231.63	99		0	57231.63
8042728	09/04/16	221642	73	N	100.00	397057.68	6908248.14	1213.00	57184.6	99		0	57184.60
8042728	09/04/16	221722	73	N	87.50	397051.33	6908235.94	1212.00	57146.49	99		0	57146.49
8042728	09/04/16	221754	73	N	75.00	397044.72	6908225.09	1212.00	57216.42	99		0	57216.42
8042728	09/04/16	221826	73	N	62.50	397037.90	6908214.08	1212.00	57166.11	99		0	57166.11
8042728	09/04/16	221858	73	N	50.00	397031.56	6908203.88	1212.00	57180.06	99		0	57180.06
8042728	09/04/16	221926	73	N	37.50	397025.30	6908194.82	1212.00	57084.13	99		0	57084.13
8042728	09/04/16	222014	73	N	25.00	397016.48	6908182.46	1213.00	57170.66	99		0	57170.66
8042728	09/04/16	222038	73	N	12.50	397010.25	6908173.76	1213.00	57161.2	99		0	57161.20
8042728	09/04/16	222106	73	N	0.00	397004.67	6908165.02	1214.00	57177.37	99		0	57177.37
8042728	09/04/16	222138	73	N	12.50	396996.29	6908154.84	1214.00	57153.21	99		0	57153.21
8042728	09/04/16	222206	73	N	25.00	396988.02	6908141.92	1214.00	57083.78	99		0	57083.78
8042728	09/04/16	222226	73	N	25.00	396988.73	6908142.01	1213.00	57080.14	99		1	
8042728	09/04/16	222242	73	N	25.00	396988.89	6908142.08	1213.00	57085.07	99		1	
8042728	09/04/16	222738	75	N	0.00	397067.67	6908118.34	1206.00	57157.45	99		0	57157.45
8042728	09/04/16	222754	75	N	0.00	397067.46	6908117.93	1206.00	57151.44	99		1	
8042728	09/04/16	222826	75	N	12.50	397076.33	6908128.48	1206.00	57140.71	99		0	57140.71
8042728	09/04/16	222858	75	N	25.00	397084.03	6908138.03	1205.00	57245.22	99		0	57245.22
8042728	09/04/16	222926											

Appendix 6 - Merged Magnetic Data Final Copy - Duplicates Removed

Operator	Date	Time	Line	L.Series	Station	x_wgs84z8	y_wgs84z8	z	TMI (Diurnal-Corrected)	SQ	Comments	Mag QC Flag	Final Mag nT
1124844	09/04/16	212434	70	N	50.00	396855.62	6908339.51	1214.00	57163.7	99		0	57163.70
1124844	09/04/16	212518	70	N	62.50	396862.63	6908350.03	1216.00	57185.66	99		0	57185.66
1124844	09/04/16	212550	70	N	75.00	396868.30	6908361.21	1215.00	57186.74	99		0	57186.74
1124844	09/04/16	212622	70	N	87.50	396877.18	6908369.55	1214.00	57117.38	99		0	57117.38
1124844	09/04/16	212650	70	N	100.00	396884.79	6908377.07	1215.00	57100.05	99		0	57100.05
1124844	09/04/16	212718	70	N	112.50	396890.77	6908387.88	1217.00	57079.17	99		0	57079.17
1124844	09/04/16	212746	70	N	125.00	396898.36	6908398.00	1218.00	57111.92	99		0	57111.92
1124844	09/04/16	212818	70	N	137.50	396905.53	6908408.45	1216.00	57199.07	99		0	57199.07
1124844	09/04/16	212846	70	N	150.00	396913.26	6908417.78	1215.00	57168.74	99		0	57168.74
1124844	09/04/16	212918	70	N	162.50	396921.65	6908426.86	1214.00	57125.58	99		0	57125.58
1124844	09/04/16	212950	70	N	175.00	396930.17	6908437.81	1214.00	57124.74	99		0	57124.74
1124844	09/04/16	213022	70	N	187.50	396937.05	6908449.04	1215.00	57077.31	99		0	57077.31
1124844	09/04/16	213058	70	N	200.00	396944.98	6908457.49	1215.00	57100.82	99		0	57100.82
1124844	09/04/16	213134	70	N	212.50	396952.20	6908467.93	1218.00	57153.46	99		0	57153.46
1124844	09/04/16	213210	70	N	225.00	396960.40	6908477.85	1217.00	57208.11	99		0	57208.11
1124844	09/04/16	213238	70	N	237.50	396968.42	6908487.97	1218.00	57150.5	99		0	57150.50
1124844	09/04/16	213314	70	N	250.00	396972.60	6908499.96	1218.00	57190.72	99		0	57190.72
1124844	09/04/16	213346	70	N	262.50	396979.39	6908510.43	1216.00	57253.72	99		0	57253.72
1124844	09/04/16	213426	70	N	275.00	396984.90	6908521.88	1217.00	57290.63	99		0	57290.63
1124844	09/04/16	213458	70	N	287.50	396991.55	6908532.14	1218.00	57262.41	99		0	57262.41
1124844	09/04/16	213534	70	N	300.00	397001.98	6908543.04	1219.00	57254.57	99		0	57254.57
1124844	09/04/16	213606	70	N	312.50	397010.05	6908553.52	1220.00	57087.49	99		0	57087.49
1124844	09/04/16	213638	70	N	325.00	397017.20	6908561.39	1221.00	57095.49	99		0	57095.49
1124844	09/04/16	213710	70	N	337.50	397023.44	6908572.04	1222.00	57109.34	99		0	57109.34
1124844	09/04/16	213746	70	N	350.00	397032.05	6908581.72	1223.00	57136.08	99		0	57136.08
1124844	09/04/16	213818	70	N	362.50	397042.23	6908589.61	1223.00	57138.19	99		0	57138.19
1124844	09/04/16	213854	70	N	375.00	397051.18	6908600.50	1224.00	57153.15	99		0	57153.15
1124844	09/04/16	213930	70	N	387.50	397054.92	6908611.07	1223.00	57166.56	99		0	57166.56
1124844	09/04/16	214002	70	N	400.00	397062.39	6908621.28	1226.00	57085.9	99		0	57085.90
1124844	09/04/16	214030	70	N	412.50	397068.35	6908629.27	1226.00	57088.4	99		0	57088.40
1124844	09/04/16	214102	70	N	425.00	397077.88	6908640.28	1227.00	57070.67	99		0	57070.67
1124844	09/04/16	214134	70	N	437.50	397082.16	6908651.91	1229.00	57098.91	99		0	57098.91
1124844	09/04/16	214202	70	N	450.00	397089.09	6908662.27	1230.00	57036.71	99		0	57036.71
1124844	09/04/16	214234	70	N	462.50	397095.10	6908672.91	1230.00	57038.45	99		0	57038.45
1124844	09/04/16	214306	70	N	475.00	397103.27	6908684.15	1230.00	57081.46	99		0	57081.46
1124844	09/04/16	214334	70	N	487.50	397110.31	6908694.25	1230.00	57105.92	99		0	57105.92
1124844	09/04/16	214406	70	N	500.00	397117.64	6908705.54	1231.00	57096.74	99		0	57096.74
1124844	09/04/16	214438	70	N	512.50	397124.96	6908715.45	1231.00	57107.34	99		0	57107.34
1124844	09/04/16	214506	70	N	525.00	397131.16	6908725.87	1232.00	57113.88	99		0	57113.88
1124844	09/04/16	214546	70	N	537.50	397140.03	6908733.92	1234.00	57116.2	99		0	57116.20
1124844	09/04/16	214622	70	N	550.00	397147.84	6908741.58	1237.00	57131.33	99		0	57131.33
1124844	09/04/16	214638	70	N	550.00	397147.83	6908741.50	1238.00	57133.1	99		1	
1124844	09/04/16	215314	72	N	550.00	397222.25	6908676.20	1243.00	57073.82	99		0	57073.82
1124844	09/04/16	215434	72	N	550.00	397222.17	6908676.22	1243.00	57076.24	99		1	
1124844	09/04/16	215534	72	N	537.50	397214.48	6908666.54	1245.00	57057.14	99		0	57057.14
1124844	09/04/16	215606	72	N	525.00	397207.30	6908655.61	1246.00	57084.08	99		0	57084.08
1124844	09/04/16	215638	72	N	512.50	397203.18	6908644.75	1249.00	57097.34	99		0	57097.34
1124844	09/04/16	215710	72	N	500.00	397197.99	6908633.44	1251.00	57065.31	99		0	57065.31
1124844	09/04/16	215742	72	N	487.50	397188.86	6908623.91	1250.00	57069.66	99		0	57069.66
1124844	09/04/16	215814	72	N	475.00	397182.28	6908614.39	1250.00	57058.24	99		0	57058.24
1124844	09/04/16	215854	72	N	462.50	397174.04	6908602.34	1246.00	57037.75	99		0	57037.75
1124844	09/04/16	215930	72	N	450.00	397168.38	6908592.00	1245.00	57246.12	99		0	57246.12
1124844	09/04/16	215958	72	N	437.50	397161.29	6908582.23	1243.00	57089.53	99		0	57089.53
1124844	09/04/16	220034	72	N	425.00	397152.46	6908573.81	1241.00	57095.6	99		0	57095.60
1124844	09/04/16	220106	72	N	412.50	397144.50	6908563.91	1239.00	57103.82	99		0	57103.82
1124844	09/04/16	220134	72	N	400.00	397136.45	6908556.21	1236.00	57117.89	99		0	57117.89
1124844	09/04/16	220202	72	N	387.50	397127.31	6908545.94	1233.00	57156.77	99		0	57156.77
1124844	09/04/16	220242	72	N	375.00	397119.46	6908534.16	1230.00	57177.99	99		0	57177.99
1124844	09/04/16	220310	72	N	362.50	397113.56	6908525.70	1228.00	57100.7	99		0	57100.70
1124844	09/04/16	220342	72	N	350.00	397105.84	6908516.26	1227.00	57236.31	99		0	57236.31
1124844	09/04/16	220414	72	N	337.50	397099.00	6908503.87	1226.00	57164.25	99		0	57164.25
1124844	09/04/16	220446	72	N	325.00	397091.90	6908492.70	1226.00	57211.88	99		0	57211.88
1124844	09/04/16	220514	72	N	312.50	397086.35	6908483.48	1225.00	57127.44	99		0	57127.44
1124844	09/04/16	220546	72	N	300.00	397082.20	6908472.33	1225.00	57152.05	99		0	57152.05
1124844	09/04/16	220622	72	N	287.50	397079.52	6908460.33	1224.00	57084.9	99		0	57084.90
1124844	09/04/16	220654	72	N	275.00	397067.14	6908455.51	1223.00	57126.64	99		0	57126.64
1124844	09/04/16	220722	72	N	262.50	397056.77	6908447.49	1222.00	57132	99		0	57132.00
1124844	09/04/16	220802	72	N	250.00	397048.56	6908438.06	1220.00	57210.35	99		0	57210.35
1124844	09/04/16	220854	72	N	237.50	397041.73	6908426.23	1220.00	57086.2	99		0	57086.20
1124844	09/04/16	220926	72	N	225.00	397031.45	6908418.05	1220.00	57221.04	99		0	57221.04
1124844	09/04/16	221058	72	N	212.50	397024.66	6908394.60	1220.00	57148.51	99		0	57148.51
1124844	09/04/16	221134	72	N	200.00	397015.91	6908385.46	1219.00	57239.67	99		0	57239.67
1124844	09/04/16	221206	72	N	187.50	397009.37	6908375.33	1218.00	57100.9	99		0	57100.90
1124844	09/04/16	221238	72	N	175.00	397001.81	6908365.17	1217.00	57042.52	99		0	57042.52
1124844	09/04/16	221314	72	N	162.50	396999.61	6908353.85	1218.00	57160.18	99		0	57160.18
1124844	09/04/16	221358	72	N	150.00	396992.76	6908343.37	1218.00	57139.51	99		0	57139.51
1124844	09/04/16	221430	72	N	137.50	396985.62	6908332.01	1218.00	57285.31	99		0	57285.31
1124844	09/04/16	221506	72	N	125.00	396976.27	6908325.07	1217.00	57515.77	99		0	57515.77
1124844	09/04/16	221534	72	N	112.50	396969.74	6908315.19	1217.00	57463.3	99		0	57463.30
1124844	09/04/16	221606	72	N	100.00	396960.61	6908305.06	1217.00	57382.55	99		0	57382.55
1124844	09/04/16	221638	72	N	87.50	396952.77	6908295.22	1217.00	57394.38	99		0	57394.38
1124844	09/04/16	221714	72	N	75.00	396944.60	6908283.87	1216.00	57158.35	99		0	57158.35
1124844	09/04/16	221746	72	N	62.50	3969							

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	171642	1	N	0		24	1.2	0	3	43	0.17	2				Double reading	394664.52	6908413.57	1161
1124844	22/08/2016	171822	1	N	0		24	-1.9	7.3	9	42	0.17			-1.9	7.3		394664.39	6908413.04	1160
1124844	22/08/2016	172034	1	N	12.5		24	-7.8	2.8	7	42	0.17			-7.8	2.8		394669.6	6908420.52	1167
1124844	22/08/2016	172146	1	N	25		24	-1.9	3	6	42	0.16			-1.9	3		394678.67	6908430.31	1169
1124844	22/08/2016	172302	1	N	37.5		24	-4.4	4.1	15	42	0.18			-4.4	4.1		394684.62	6908440.78	1174
1124844	22/08/2016	172358	1	N	50		24	-5.7	3	7	44	0.17			-5.7	3		394689.74	6908449.51	1177
1124844	22/08/2016	172550	1	N	62.5		24	-2.2	3.3	10	42	0.17			-2.2	3.3		394695.73	6908460.19	1183
1124844	22/08/2016	172702	1	N	75		24	-4.5	4.1	6	42	0.17			-4.5	4.1		394704.29	6908471.07	1186
1124844	22/08/2016	172750	1	N	87.5		24	-7.1	3.8	9	44	0.18			-7.1	3.8		394710.47	6908480.06	1191
1124844	22/08/2016	172846	1	N	100		24	-11.6	2.4	7	44	0.17			-11.6	2.4		394716.88	6908488.01	1197
1124844	22/08/2016	172950	1	N	112.5		24	-13.8	3.4	10	42	0.17			-13.8	3.4		394723.92	6908497.91	1200
1124844	22/08/2016	173058	1	N	125		24	-12.4	4.2	5	45	0.18			-12.4	4.2		394728.93	6908506.54	1206
1124844	22/08/2016	173206	1	N	137.5		24	-11.7	3.3	5	45	0.18			-11.7	3.3		394735.03	6908518.03	1211
1124844	22/08/2016	173314	1	N	150		24	-14	0.7	9	44	0.18			-14	0.7		394742.77	6908527.37	1211
1124844	22/08/2016	173406	1	N	162.5		24	-6.8	1.2	11	43	0.18	9					394745.63	6908537.73	1216
1124844	22/08/2016	173502	1	N	175		24	-16.4	0.7	5	48	0.19			-16.4	0.7		394752.67	6908546.57	1221
1124844	22/08/2016	173622	1	N	187.5		24	-12.1	7.7	10	43	0.17			-12.1	7.7		394760.96	6908556.94	1222
1124844	22/08/2016	173718	1	N	200		24	-13	2.4	10	49	0.2			-13	2.4		394766.44	6908567.6	1226
1124844	22/08/2016	173826	1	N	212.5		24	-11.3	-1.1	3	47	0.18			-11.3	-1.1		394773.21	6908576.4	1229
1124844	22/08/2016	173922	1	N	225		24	-13.6	6.1	7	44	0.17			-13.6	6.1		394781.77	6908585.35	1231
1124844	22/08/2016	174126	1	N	237.5		24	-13.2	5.1	5	44	0.17			-13.2	5.1		394789.32	6908595.04	1232
1124844	22/08/2016	174210	1	N	250		24	-10.7	4	9	47	0.19			-10.7	4		394795.92	6908605.28	1233
1124844	22/08/2016	174258	1	N	262.5		24	-8.3	4.8	9	46	0.18			-8.3	4.8		394804.43	6908614.75	1234
1124844	22/08/2016	174346	1	N	275		24	-10.6	6.7	10	46	0.19			-10.6	6.7		394811.08	6908624.09	1234
1124844	22/08/2016	174430	1	N	287.5		24	-7.1	6.3	6	54	0.21			-7.1	6.3		394816.53	6908637.35	1236
1124844	22/08/2016	174506	1	N	300		24	-8	6.6	10	45	0.18			-8	6.6		394822.84	6908647.72	1236
1124844	22/08/2016	174542	1	N	312.5		24	-0.9	3.2	8	48	0.19			-0.9	3.2		394830.03	6908657.26	1235
1124844	22/08/2016	174650	1	N	325		24	-8.5	10.1	11	45	0.18			-8.5	10.1		394838.82	6908666.77	1235
1124844	22/08/2016	174738	1	N	337.5		24	-12.9	11.5	4	45	0.18			-12.9	11.5		394847.41	6908676.37	1235
1124844	22/08/2016	174930	1	N	350		24	-11	9.2	6	44	0.17			-11	9.2		394855.43	6908682.04	1232
1124844	22/08/2016	175106	1	N	362.5		24	-8.8	7.7	10	47	0.19			-8.8	7.7		394861.43	6908693.2	1233
1124844	22/08/2016	175150	1	N	375		24	-6.9	6.9	5	46	0.18			-6.9	6.9		394868.12	6908704.97	1233
1124844	22/08/2016	175246	1	N	387.5		24	-7.9	7.8	11	47	0.19			-7.9	7.8		394874.72	6908715.34	1233
1124844	22/08/2016	175326	1	N	400		24	-6.7	8	10	48	0.19			-6.7	8		394881.54	6908726.49	1232
1124844	22/08/2016	175406	1	N	412.5		24	-10.1	7.8	10	47	0.19			-10.1	7.8		394888.11	6908736.97	1229
1124844	22/08/2016	175550	1	N	425		24	1.5	5.8	10	45	0.18	9					394894.91	6908746.46	1228
1124844	22/08/2016	175630	1	N	437.5		24	-6.9	10.2	10	44	0.18			-6.9	10.2		394901.74	6908755.28	1224
1124844	22/08/2016	175710	1	N	450		24	-8.5	12.5	11	45	0.18			-8.5	12.5		394908.59	6908765.94	1221
1124844	22/08/2016	175750	1	N	462.5		24	-8.3	7.8	11	45	0.18			-8.3	7.8		394916.18	6908775.67	1219
1124844	22/08/2016	175842	1	N	475		24	-13.3	5.5	10	47	0.19			-13.3	5.5		394924.85	6908785.15	1218
1124844	22/08/2016	175918	1	N	487.5		24	-6	8.8	9	48	0.19			-6	8.8		394932.01	6908795.99	1217
1124844	22/08/2016	175954	1	N	500		24	-10.2	8.3	11	47	0.19			-10.2	8.3		394938.03	6908805.24	1216
1124844	22/08/2016	180046	1	N	512.5		24	-13.7	9.4	9	48	0.19			-13.7	9.4		394946.35	6908814.75	1215
1124844	22/08/2016	180126	1	N	525		24	-9.9	8	11	46	0.19			-9.9	8		394953.76	6908825.4	1215
1124844	22/08/2016	180206	1	N	537.5		24	-14.4	5.2	6	52	0.21			-14.4	5.2		394961.97	6908836.8	1214
1124844	22/08/2016	180242	1	N	550		24	-9.6	9.9	4	52	0.2			-9.6	9.9		394968.15	6908845.31	1215
1124844	22/08/2016	180322	1	N	562.5		24	-5.2	6.8	12	49	0.2			-5.2	6.8		394974.52	6908857.09	1214
1124844	22/08/2016	180438	1	N	575		24	-1.2	6.6	4	51	0.2			-1.2	6.6		394982.27	6908867.1	1215
1124844	22/08/2016	180522	1	N	587.5		24	-7	9.7	12	48	0.19			-7	9.7		394987.88	6908877.97	1215
1124844	22/08/2016	180558	1	N	600		24	-3	8.1	11	50	0.2			-3	8.1		394994.55	6908888.29	1216
1124844	22/08/2016	180646	1	N	612.5		24	-6.8	6.1	14	45	0.19			-6.8	6.1		395000.77	6908899.85	1216
1124844	22/08/2016	180722	1	N	625		24	-0.8	7	14	49	0.2			-0.8	7		395007.55	6908909.69	1216
1124844	22/08/2016	180758	1	N	637.5		24	0.9	9.6	10	52	0.21			0.9	9.6		395016.03	6908919.44	1216
1124844	22/08/2016	180858	1	N	650		24	-0.1	4.5	13	52	0.21			-0.1	4.5		395025.39	6908927.62	1217
1124844	22/08/2016	180954	1	N	662.5		24	-7.2	8.2	12	48	0.19			-7.2	8.2		395032.29	6908936.53	1217
1124844	22/08/2016	181038	1	N	675		24	-8.9	7.6	13	50	0.2			-8.9	7.6		395040.84	6908946.57	1216
1124844	22/08/2016	181126	1	N	687.5		24	-9	1.3	11	50	0.2			-9	1.3		395047.38	6908957.41	1215

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	181242	1	N	700		24	-12.1	2	13	52	0.21			-12.1	2		395054.07	6908967.42	1213
1124844	22/08/2016	181318	1	N	712.5		24	1.4	4.1	16	52	0.22			1.4	4.1		395060.91	6908977.89	1211
1124844	22/08/2016	181354	1	N	725		24	-6.7	4.9	14	57	0.23			-6.7	4.9		395067.31	6908988.61	1211
1124844	22/08/2016	181438	1	N	737.5		24	-4.1	6.9	17	52	0.22			-4.1	6.9		395073.48	6908999.75	1209
1124844	22/08/2016	181522	1	N	750		24	-8.5	0.4	20	50	0.21			-8.5	0.4		395079.19	6909010.2	1210
1124844	22/08/2016	181606	1	N	762.5		24	-12.2	4	18	51	0.21			-12.2	4		395084.99	6909021.12	1210
1124844	22/08/2016	181650	1	N	775		24	-7.8	4.3	19	50	0.21			-7.8	4.3		395092.59	6909033.44	1211
1124844	22/08/2016	181730	1	N	787.5		24	-2.6	3.2	20	54	0.23			-2.6	3.2		395101.05	6909043.36	1211
1124844	22/08/2016	181810	1	N	800		24	-2.8	1.2	23	53	0.23			-2.8	1.2		395108.3	6909051.46	1211
1124844	22/08/2016	181858	1	N	812.5		24	0.1	5.6	17	52	0.21			0.1	5.6		395115.88	6909062.54	1211
1124844	22/08/2016	181946	1	N	825		24	2.8	2	19	56	0.23			2.8	2		395122.57	6909072.73	1211
1124844	22/08/2016	182034	1	N	837.5		24	-9.9	4.4	23	52	0.22			-9.9	4.4		395128.37	6909083.56	1209
1124844	22/08/2016	182114	1	N	850		24	-4.4	6.3	19	53	0.22			-4.4	6.3		395136.15	6909094.41	1208
1124844	22/08/2016	182158	1	N	862.5		24	-4.1	5.7	15	56	0.23			-4.1	5.7		395144.45	6909103.38	1206
1124844	22/08/2016	182242	1	N	875		24	-2.2	4.5	18	55	0.23			-2.2	4.5		395153.41	6909113.13	1204
1124844	22/08/2016	182342	1	N	887.5		24	-5.4	4.5	20	54	0.23			-5.4	4.5		395160.25	6909121.16	1203
1124844	22/08/2016	182422	1	N	900		24	2.3	5.5	21	54	0.23			2.3	5.5		395167.13	6909130.85	1201
1124844	22/08/2016	182502	1	N	912.5		24	-1.6	7.3	20	55	0.23			-1.6	7.3		395175.6	6909140.97	1198
1124844	22/08/2016	182558	1	N	925		24	0	3	20	57	0.24			0	3		395183.05	6909150.9	1196
1124844	22/08/2016	182638	1	N	937.5		24	0.1	3.7	23	57	0.24			0.1	3.7		395190.02	6909160.75	1192
1124844	22/08/2016	182722	1	N	950		24	-2.1	2.5	23	55	0.24			-2.1	2.5		395193.79	6909172.06	1189
1124844	22/08/2016	183010	1	N	962.5		24	-4	3.7	24	55	0.24			-4	3.7		395198.02	6909182.79	1186
1124844	22/08/2016	183046	1	N	975		24	-9.4	5.3	25	52	0.23			-9.4	5.3		395204.1	6909192.48	1183
1124844	22/08/2016	183138	1	N	987.5		24	-2.1	5.8	22	57	0.24			-2.1	5.8		395212.46	6909201.68	1179
1124844	22/08/2016	183402	1	N	1000		24	-5.9	7.3	24	54	0.23			-5.9	7.3		395219.72	6909211.6	1177
1124844	22/08/2016	183446	1	N	1012.5		24	-9.3	5.7	22	53	0.23			-9.3	5.7		395229.59	6909219.85	1175
1124844	22/08/2016	183542	1	N	1025		24	-6	5.3	25	53	0.23			-6	5.3		395233.82	6909229.32	1171
1124844	22/08/2016	183622	1	N	1037.5		24	-3.6	3.6	25	58	0.25			-3.6	3.6		395240.69	6909239.88	1167
1124844	22/08/2016	183710	1	N	1050		24	-9.6	2.7	29	53	0.24			-9.6	2.7		395248.9	6909248.72	1162
1124844	22/08/2016	183750	1	N	1062.5		24	-7.6	3.3	27	54	0.24			-7.6	3.3		395254.03	6909259.61	1159
1124844	22/08/2016	183834	1	N	1075		24	-5.6	2.9	28	55	0.24			-5.6	2.9		395261.17	6909269.18	1154
1124844	22/08/2016	183918	1	N	1087.5		24	-7.4	2.7	29	55	0.24			-7.4	2.7		395269.12	6909277.98	1151
1124844	22/08/2016	183958	1	N	1100		24	-7.9	2.6	26	55	0.24			-7.9	2.6		395275.03	6909288.85	1147
1124844	22/08/2016	184042	1	N	1112.5		24	-3.6	2.9	29	55	0.24			-3.6	2.9		395280.29	6909300.18	1142
1124844	22/08/2016	184130	1	N	1125		24	-9.5	1.5	31	54	0.25			-9.5	1.5		395287.21	6909308.32	1140
1124844	22/08/2016	184206	1	N	1137.5		24	-3.9	3.9	30	55	0.25			-3.9	3.9		395294.09	6909316.87	1135
1124844	22/08/2016	184250	1	N	1150		24	-3.2	4.6	29	55	0.25			-3.2	4.6		395300.6	6909327.78	1131
1124844	22/08/2016	184330	1	N	1162.5		24	-13.4	1.4	31	52	0.24			-13.4	1.4		395306.72	6909337.24	1126
1124844	22/08/2016	184414	1	N	1175		24	-12	1.6	30	54	0.24			-12	1.6		395313.9	6909346.5	1122
1124844	22/08/2016	184458	1	N	1187.5		24	-12	-1.9	31	53	0.24			-12	-1.9		395320.44	6909356.26	1118
1124844	22/08/2016	184550	1	N	1200		24	-10.8	-0.7	29	51	0.23			-10.8	-0.7		395328.02	6909365.65	1113
1124844	22/08/2016	184738	1	N	1212.5		24	-9.8	3.5	31	54	0.24			-9.8	3.5		395332.53	6909375.14	1108
1124844	22/08/2016	184822	1	N	1225		24	-13.3	3.3	28	54	0.24			-13.3	3.3		395339.69	6909386.4	1104
1124844	22/08/2016	184910	1	N	1237.5		24	-7.3	2.2	30	54	0.24			-7.3	2.2		395347.92	6909392.95	1100
1124844	22/08/2016	184950	1	N	1250		24	-13.5	1.2	32	52	0.24			-13.5	1.2		395356.82	6909399.69	1098
1124844	22/08/2016	185042	1	N	1262.5		24	-11.2	1.2	34	54	0.25			-11.2	1.2		395363.1	6909410.74	1095
1124844	22/08/2016	185122	1	N	1275		24	-6.8	3.5	31	55	0.25			-6.8	3.5		395369.3	6909420.47	1094
1124844	22/08/2016	185206	1	N	1287.5		24	-15.6	2.2	33	55	0.25			-15.6	2.2		395372.68	6909431.61	1090
1124844	22/08/2016	185306	1	N	1300		24	-7.8	1.2	33	54	0.25			-7.8	1.2		395377.92	6909442.15	1087
1124844	22/08/2016	185354	1	N	1312.5		24	-12.9	5.7	30	55	0.25			-12.9	5.7		395386.33	6909449	1086
1124844	22/08/2016	185434	1	N	1325		24	-13.5	5	30	54	0.24			-13.5	5		395395.38	6909459.34	1083
1124844	22/08/2016	185510	1	N	1337.5		24	-9.6	2	34	55	0.25			-9.6	2		395402.11	6909468.14	1079
1124844	22/08/2016	185558	1	N	1350		24	-2.9	4.3	36	56	0.26			-2.9	4.3		395408.55	6909479.07	1076
1124844	22/08/2016	185702	1	N	1362.5		24	-13.9	3.1	34	55	0.26			-13.9	3.1		395415.54	6909490.05	1074
1124844	22/08/2016	185742	1	N	1375		24	-9.4	2	34	55	0.25			-9.4	2		395420.19	6909498.71	1070
1124844	22/08/2016	185826	1	N	1387.5		24	-4.4	3.7	34	56	0.26			-4.4	3.7		395427.38	6909508.17	1064
1124844	22/08/2016	185914	1	N	1400		24	-10.9	3.4	34	54	0.25			-10.9	3.4		395435.12	6909516.79	1058

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	190006	1	N	1412.5		24	-7.7	3.5	35	54	0.25			-7.7	3.5		395439.03	6909526.58	1054
1124844	22/08/2016	190050	1	N	1425		24	-11.3	3.6	35	55	0.25			-11.3	3.6		395446.15	6909536.06	1048
1124844	22/08/2016	190134	1	N	1437.5		24	-17.9	3.3	36	55	0.26			-17.9	3.3		395452.33	6909544.16	1044
8042728	22/08/2016	171730	3	N	0		24	-13.4	10.7	1	53	0.21	2				Double reading	394826.42	6908299.75	1155
8042728	22/08/2016	172010	3	N	0		24	-10.9	2.6	2	50	0.2			-10.9	2.6		394826.28	6908300.6	1155
8042728	22/08/2016	172230	3	N	12.5		24	0	4.9	5	53	0.21			0	4.9		394834.94	6908313.06	1153
8042728	22/08/2016	172326	3	N	25		24	-8.2	-2.3	2	51	0.2			-8.2	-2.3		394842.42	6908321.35	1155
8042728	22/08/2016	172406	3	N	37.5		24	-10.4	2	-2	51	0.2			-10.4	2		394849.85	6908330.49	1159
8042728	22/08/2016	172450	3	N	50		24	-4.6	0	5	48	0.19			-4.6	0		394857.1	6908339.9	1162
8042728	22/08/2016	172558	3	N	62.5		24	-10.2	0.1	6	49	0.19			-10.2	0.1		394864.39	6908348.12	1166
8042728	22/08/2016	172646	3	N	75		24	-9	-0.4	2	46	0.18			-9	-0.4		394872.39	6908360.2	1165
8042728	22/08/2016	172746	3	N	87.5		24	-9.3	-1.9	5	47	0.19			-9.3	-1.9		394879.44	6908368.62	1165
8042728	22/08/2016	172850	3	N	100		24	-9.6	-2.3	4	49	0.19			-9.6	-2.3		394885.24	6908379.09	1172
8042728	22/08/2016	172950	3	N	112.5		24	-5.8	-3.2	4	46	0.18			-5.8	-3.2		394894.22	6908389.68	1174
8042728	22/08/2016	173030	3	N	125		24	28.7	6.7	1	55	0.22	9					394899.45	6908397.01	1168
8042728	22/08/2016	173302	3	N	137.5		24	-9.8	2.8	9	52	0.21			-9.8	2.8		394908.27	6908408.8	1173
8042728	22/08/2016	173406	3	N	150		24	-8.7	5.2	8	49	0.2			-8.7	5.2		394913.57	6908419.97	1175
8042728	22/08/2016	173458	3	N	162.5		24	-1.9	-5.4	6	46	0.18			-1.9	-5.4		394916.29	6908429.49	1178
8042728	22/08/2016	173634	3	N	175	Large Gap between 175 and station 162.5	24	-7.4	2	4	47	0.18			-7.4	2		394920.76	6908445.45	1181
8042728	22/08/2016	173746	3	N	187.5		24	18.6	-2.6	1	56	0.22	9					394925.55	6908453.54	1182
8042728	22/08/2016	173846	3	N	200		24	-9.5	0	6	49	0.19			-9.5	0		394932.83	6908464.03	1185
8042728	22/08/2016	174018	3	N	212.5		24	-16.7	0.1	0	51	0.2			-16.7	0.1		394936.7	6908474.27	1184
8042728	22/08/2016	174126	3	N	225		24	10.3	-2.2	1	50	0.2			10.3	-2.2		394946.22	6908485.35	1188
8042728	22/08/2016	174306	3	N	237.5		24	-4.4	-4.3	4	46	0.18			-4.4	-4.3		394954	6908491.34	1185
8042728	22/08/2016	174422	3	N	250		24	-8.3	-6.3	2	46	0.18			-8.3	-6.3		394961.03	6908500.45	1189
8042728	22/08/2016	174514	3	N	262.5		24	-6.3	-1.1	5	47	0.18			-6.3	-1.1		394968.52	6908509.86	1189
8042728	22/08/2016	174606	3	N	275		24	-0.9	-0.3	4	47	0.18			-0.9	-0.3		394974.78	6908520.19	1190
8042728	22/08/2016	174714	3	N	287.5		24	49.6	-2.8	-5	59	0.23	9				Large signal increase	394983.28	6908530.91	1193
8042728	22/08/2016	174902	3	N	300		24	-12.5	-1.4	3	47	0.18			-12.5	-1.4		394990.66	6908540.14	1193
8042728	22/08/2016	175030	3	N	312.5		24	-8.7	-3.2	5	46	0.18			-8.7	-3.2		394998.68	6908549.06	1193
8042728	22/08/2016	175142	3	N	325		24	2.3	-0.6	2	49	0.19			2.3	-0.6		395007.42	6908559.09	1193
8042728	22/08/2016	175326	3	N	337.5		24	-11.9	-0.5	1	52	0.2			-11.9	-0.5		395018.69	6908570.18	1195
8042728	22/08/2016	175434	3	N	350		24	-7.1	1.4	3	49	0.19			-7.1	1.4		395026.61	6908580.21	1198
8042728	22/08/2016	175558	3	N	362.5		24	73.2	0.9	-25	69	0.29	9				Large signal increase	395033.1	6908591.33	1198
8042728	22/08/2016	175702	3	N	375		24	-5.2	-3.1	3	47	0.18			-5.2	-3.1		395042.05	6908602.25	1199
8042728	22/08/2016	175810	3	N	387.5		24	-5.7	-3.9	-2	48	0.19			-5.7	-3.9		395047.89	6908609.79	1200
8042728	22/08/2016	175858	3	N	400		24	12.4	-2.2	0	46	0.18			12.4	-2.2		395056.77	6908619.31	1202
8042728	22/08/2016	180018	3	N	412.5		24	-4.1	-2.2	0	48	0.19			-4.1	-2.2		395065.03	6908630.47	1204
8042728	22/08/2016	180058	3	N	425		24	-5.5	-2.3	5	47	0.19			-5.5	-2.3		395070.5	6908638.14	1205
8042728	22/08/2016	180206	3	N	437.5		24	-8.7	-2.9	0	48	0.19			-8.7	-2.9		395079.39	6908649.28	1207
8042728	22/08/2016	180258	3	N	450		24	-9.5	-1.8	6	50	0.2			-9.5	-1.8		395085.77	6908658.47	1205
8042728	22/08/2016	180418	3	N	462.5		24	-5.1	-6.4	4	49	0.19			-5.1	-6.4		395092.66	6908671.47	1208
8042728	22/08/2016	180502	3	N	475		24	-8	-3.2	2	47	0.18			-8	-3.2		395096.15	6908682.12	1209
8042728	22/08/2016	180550	3	N	487.5		24	-13.5	-5.2	3	48	0.19			-13.5	-5.2		395100.51	6908693.29	1211
8042728	22/08/2016	180658	3	N	500		24	-12.5	0.8	-4	53	0.21			-12.5	0.8		395105.08	6908701.61	1211
8042728	22/08/2016	180742	3	N	512.5		24	-12.9	-1.3	2	49	0.19			-12.9	-1.3		395112.06	6908712.76	1214
8042728	22/08/2016	180834	3	N	525		24	-10.1	-2.6	3	47	0.18			-10.1	-2.6		395120.11	6908721.8	1216
8042728	22/08/2016	181350	3	N	537.5		24	-14.4	-4	2	52	0.2			-14.4	-4		395128.73	6908733.87	1218
8042728	22/08/2016	181458	3	N	550		24	-17.9	-4.8	-1	52	0.2			-17.9	-4.8		395137.19	6908745.2	1222
8042728	22/08/2016	181614	3	N	562.5		24	-8.9	-5.1	4	48	0.19			-8.9	-5.1		395143.26	6908752.18	1223
8042728	22/08/2016	181654	3	N	575		24	-11.9	-1.1	0	47	0.18			-11.9	-1.1		395151.79	6908761.25	1224
8042728	22/08/2016	181806	3	N	587.5		24	-4.8	-2	-6	54	0.21			-4.8	-2		395159.76	6908770.65	1227
8042728	22/08/2016	181858	3	N	600		24	-2.2	-3.6	-1	50	0.19			-2.2	-3.6		395166.09	6908780.84	1226
8042728	22/08/2016	181954	3	N	612.5		24	-3.1	-3.2	0	54	0.21			-3.1	-3.2		395168.84	6908791.73	1229
8042728	22/08/2016	182110	3	N	625		24	-0.5	0.5	0	48	0.19			-0.5	0.5		395175.25	6908802.35	1233
8042728	22/08/2016	182202	3	N	637.5		24	-4.3	-4.6	-3	53	0.21			-4.3	-4.6		395182.41	6908810.75	1236
8042728	22/08/2016	182250	3	N	650		24	-9.6	-5.5	0	50	0.19			-9.6	-5.5		395189.76	6908822.45	1239

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	182338	3	N	662.5		24	-1.2	-2.9	-2	53	0.21			-1.2	-2.9		395196.63	6908830.65	1240
8042728	22/08/2016	182458	3	N	675		24	-1	-2.2	0	50	0.2			-1	-2.2		395205.18	6908841.62	1241
8042728	22/08/2016	182602	3	N	687.5		24	0.9	-3.8	0	49	0.19			0.9	-3.8		395213.31	6908851.81	1241
8042728	22/08/2016	182806	3	N	700		24	-0.5	-2.7	-7	57	0.23			-0.5	-2.7		395220.48	6908862.06	1242
8042728	22/08/2016	182902	3	N	712.5		24	-1.3	-5	0	54	0.21			-1.3	-5		395227.49	6908872.72	1243
8042728	22/08/2016	182942	3	N	725		24	-0.5	-5.8	-1	50	0.2			-0.5	-5.8		395233.91	6908882.31	1244
8042728	22/08/2016	183030	3	N	737.5		24	-2.1	-3.7	2	48	0.19			-2.1	-3.7		395241.04	6908892.58	1244
8042728	22/08/2016	183106	3	N	750		24	-0.2	-1.5	-3	54	0.21			-0.2	-1.5		395248.21	6908902.6	1244
8042728	22/08/2016	183346	3	N	762.5		24	-5.6	-3.2	0	49	0.19			-5.6	-3.2		395255.42	6908911.33	1243
8042728	22/08/2016	183446	3	N	775		24	-10	-4.8	3	50	0.2			-10	-4.8		395266.16	6908925.27	1241
8042728	22/08/2016	183522	3	N	787.5		24	-4.5	-1.8	-2	51	0.2			-4.5	-1.8		395275.77	6908937.46	1239
8042728	22/08/2016	183554	3	N	800		24	1.2	-6.2	1	48	0.19			1.2	-6.2		395280.53	6908943.77	1236
8042728	22/08/2016	183622	3	N	812.5		24	-3.3	3.3	-4	56	0.22			-3.3	3.3		395286.93	6908951.68	1232
8042728	22/08/2016	183658	3	N	825		24	-3	-1.8	-2	48	0.19			-3	-1.8		395294.47	6908960.96	1229
8042728	22/08/2016	183734	3	N	837.5		24	0.7	-6.4	-1	50	0.19			0.7	-6.4		395301.01	6908969.13	1227
8042728	22/08/2016	183906	3	N	850		24	-2	-3.6	-4	51	0.2			-2	-3.6		395309.17	6908977.85	1224
8042728	22/08/2016	184034	3	N	862.5		24	2.3	-1.5	0	48	0.19			2.3	-1.5		395319.38	6908992.53	1221
8042728	22/08/2016	184146	3	N	875		24	-1.4	3.1	0	50	0.2			-1.4	3.1		395325.01	6909000.02	1220
8042728	22/08/2016	184310	3	N	887.5		24	17.6	4.9	-1	53	0.21			17.6	4.9		395328.51	6909008.9	1218
8042728	22/08/2016	184354	3	N	900		24	4.7	6.7	-2	52	0.2			4.7	6.7		395338.63	6909020.91	1216
8042728	22/08/2016	184442	3	N	912.5		24	17.1	0.9	1	52	0.2			17.1	0.9		395344.08	6909031.45	1214
8042728	22/08/2016	184522	3	N	925		24	5.5	3.7	1	49	0.19			5.5	3.7		395349.99	6909043.11	1212
8042728	22/08/2016	184554	3	N	937.5		24	8.8	-1.2	3	50	0.2			8.8	-1.2		395356.44	6909051.36	1208
8042728	22/08/2016	184638	3	N	950		24	5.7	0.8	0	51	0.2			5.7	0.8		395363.01	6909062.3	1206
8042728	22/08/2016	184714	3	N	962.5		24	3.7	-0.2	2	49	0.19			3.7	-0.2		395369.9	6909070.64	1203
8042728	22/08/2016	184754	3	N	975		24	10.2	1.8	1	50	0.2			10.2	1.8		395379.12	6909080.7	1200
8042728	22/08/2016	184850	3	N	987.5		24	5.5	-1.1	1	51	0.2			5.5	-1.1		395387.09	6909090.64	1196
8042728	22/08/2016	184926	3	N	1000		24	5.8	-3.4	2	49	0.19			5.8	-3.4		395394.42	6909101.8	1194
8042728	22/08/2016	185006	3	N	1012.5		24	2.5	-7.2	3	49	0.19			2.5	-7.2		395399.68	6909111.81	1192
8042728	22/08/2016	185050	3	N	1025		24	15.5	2.1	0	51	0.2			15.5	2.1		395405.26	6909120.34	1189
8042728	22/08/2016	185126	3	N	1037.5		24	2.7	-2.3	1	49	0.19			2.7	-2.3		395410.44	6909132.17	1186
8042728	22/08/2016	185210	3	N	1050		24	5	-4.6	3	50	0.19			5	-4.6		395416.5	6909143.29	1183
8042728	22/08/2016	185254	3	N	1062.5		24	8.5	1.7	1	49	0.19			8.5	1.7		395426.62	6909156.62	1178
8042728	22/08/2016	185338	3	N	1075		24	8.6	1.4	0	45	0.18			8.6	1.4		395432.79	6909164.88	1176
8042728	22/08/2016	185410	3	N	1087.5		24	3.9	4.5	2	46	0.18			3.9	4.5		395438.74	6909171.39	1174
8042728	22/08/2016	185454	3	N	1100		24	3.5	-3.1	1	45	0.18			3.5	-3.1		395447.11	6909180.76	1171
8042728	22/08/2016	185538	3	N	1112.5		24	4.1	0.2	2	50	0.2			4.1	0.2		395454.4	6909190.4	1170
8042728	22/08/2016	185626	3	N	1125		24	-0.5	-2	3	46	0.18			-0.5	-2		395460.53	6909201.17	1165
8042728	22/08/2016	185710	3	N	1137.5		24	1.1	-5	0	47	0.18			1.1	-5		395468.24	6909212.12	1162
8042728	22/08/2016	185754	3	N	1150		24	3.4	-2.8	4	46	0.18			3.4	-2.8		395476.48	6909222.94	1160
8042728	22/08/2016	185846	3	N	1162.5		24	1.3	-3.5	1	46	0.18			1.3	-3.5		395479.22	6909230.47	1157
8042728	22/08/2016	185926	3	N	1175		24	6.9	-3.1	0	44	0.17			6.9	-3.1		395484.68	6909242.83	1154
8042728	22/08/2016	190014	3	N	1187.5		24	1.6	1	7	47	0.19			1.6	1		395495.73	6909255.34	1151
8042728	22/08/2016	190102	3	N	1200		24	3	0.1	3	45	0.18			3	0.1		395502.35	6909264.48	1149
8042728	22/08/2016	190134	3	N	1212.5		24	-0.2	-2.7	4	46	0.18			-0.2	-2.7		395508.25	6909270.14	1148
8042728	22/08/2016	190214	3	N	1225		24	0.1	-7.9	3	46	0.18			0.1	-7.9		395513.29	6909281.05	1146
8042728	22/08/2016	190258	3	N	1237.5		24	6.7	-4.2	0	47	0.18			6.7	-4.2		395518.51	6909292	1144
8042728	22/08/2016	190338	3	N	1250		24	1.7	-3.3	3	47	0.18			1.7	-3.3		395524.37	6909301.6	1141
8042728	22/08/2016	190422	3	N	1262.5		24	84.3	1.2	-14	62	0.25	9				Large signal increase	395528.29	6909305.94	1139
8042728	22/08/2016	190538	3	N	1275		24	-0.6	-5.2	-1	49	0.19			-0.6	-5.2		395534.73	6909318.07	1137
8042728	22/08/2016	190622	3	N	1287.5		24	-0.6	-1.7	4	51	0.2			-0.6	-1.7		395544.52	6909330.24	1133
8042728	22/08/2016	190706	3	N	1300		24	4.6	0.4	3	47	0.18			4.6	0.4		395553.09	6909344.63	1128
8042728	22/08/2016	190754	3	N	1312.5		24	11.7	2.8	0	51	0.2			11.7	2.8		395558.69	6909354.6	1126
8042728	22/08/2016	190838	3	N	1325		24	8.1	1.8	0	52	0.2			8.1	1.8		395564.08	6909361.68	1122
8042728	22/08/2016	191002	3	N	1337.5		24	3.3	6.9	5	47	0.19			3.3	6.9		395572.63	6909374.03	1119
8042728	22/08/2016	191042	3	N	1350		24	5.2	4.8	5	50	0.2			5.2	4.8		395582.16	6909383.97	1119
8042728	22/08/2016	191122	3	N	1362.5		24	4.2	0.1	8	49	0.2			4.2	0.1		395590.2	6909391.54	1117

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	191202	3	N	1375		24	1.2	-2.2	7	46	0.18			1.2	-2.2		395597.09	6909401.38	1118
8042728	22/08/2016	191242	3	N	1387.5		24	2.9	1.1	9	49	0.2			2.9	1.1		395604.75	6909414.57	1117
8042728	22/08/2016	191322	3	N	1400		24	12.3	2.5	5	50	0.2			12.3	2.5		395610.87	6909422.97	1113
8042728	22/08/2016	191414	3	N	1412.5		24	5.1	0.4	4	47	0.19			5.1	0.4		395615.84	6909433.12	1108
8042728	22/08/2016	191442	3	N	1412.5		24	-2.3	4.1	7	46	0.18	2				Double reading	395615.97	6909432.93	1108
1124844	22/08/2016	223654	5	N	0	Should be station 0, Points out of order	24	12.6	-2.9	33	55	0.25			12.6	-2.9		394984.84	6908183.61	1113
1124844	22/08/2016	223602	5	N	12.5		24	9.9	-3.7	32	56	0.25			9.9	-3.7		394994.54	6908195.36	1118
1124844	22/08/2016	223522	5	N	25		24	8.8	-1.5	30	60	0.26			8.8	-1.5		395001.38	6908204.65	1122
1124844	22/08/2016	223434	5	N	37.5		24	13	-5.2	33	60	0.27			13	-5.2		395007.6	6908215.82	1127
1124844	22/08/2016	223338	5	N	50		24	4.7	-5.2	37	57	0.27			4.7	-5.2		395013.58	6908223.15	1127
1124844	22/08/2016	223250	5	N	62.5		24	0.5	0.6	37	61	0.28			0.5	0.6		395020.49	6908235.94	1129
1124844	22/08/2016	223206	5	N	75		24	3	-0.2	38	62	0.29			3	-0.2		395028.84	6908244.22	1131
1124844	22/08/2016	223126	5	N	87.5		24	5.4	-3.2	33	60	0.27			5.4	-3.2		395035.9	6908255.49	1133
1124844	22/08/2016	223018	5	N	100		24	8.9	-4.8	20	63	0.26			8.9	-4.8		395041.71	6908267.05	1133
1124844	22/08/2016	222934	5	N	112.5		24	15.7	-1.2	32	59	0.27			15.7	-1.2		395049.67	6908274.18	1133
1124844	22/08/2016	222854	5	N	125		24	14.3	-0.9	27	60	0.26			14.3	-0.9		395060.14	6908279.58	1133
1124844	22/08/2016	222814	5	N	137.5		24	14.1	-1.8	33	58	0.26			14.1	-1.8		395067.45	6908289.61	1135
1124844	22/08/2016	222726	5	N	150		24	16.8	-3.4	33	58	0.26			16.8	-3.4		395074.1	6908300.12	1137
1124844	22/08/2016	222646	5	N	162.5		24	19.1	1.7	31	58	0.26			19.1	1.7		395078.04	6908310.59	1140
1124844	22/08/2016	222350	5	N	175		24	16.4	-3.5	29	61	0.26			16.4	-3.5		395084.27	6908322.22	1142
1124844	22/08/2016	222302	5	N	187.5		24	11.2	-5.9	27	60	0.26			11.2	-5.9		395093.03	6908325.68	1144
1124844	22/08/2016	222142	5	N	200		24	6.8	-3.5	30	62	0.27			6.8	-3.5		395099.45	6908337.5	1145
1124844	22/08/2016	222054	5	N	212.5		24	11.5	-4.6	39	57	0.27			11.5	-4.6		395107.01	6908346.82	1149
1124844	22/08/2016	222006	5	N	225		24	4	-4.1	32	61	0.27			4	-4.1		395112.42	6908358.83	1148
1124844	22/08/2016	221918	5	N	237.5		24	15.3	-4.9	35	59	0.27			15.3	-4.9		395119.45	6908369.41	1149
1124844	22/08/2016	221750	5	N	250		24	16.9	-2.3	33	56	0.26			16.9	-2.3		395125.59	6908378.66	1150
1124844	22/08/2016	221658	5	N	262.5		24	14.7	-2.4	33	57	0.26			14.7	-2.4		395132.87	6908389.33	1161
1124844	22/08/2016	221618	5	N	275		24	19	-3.5	31	57	0.25			19	-3.5		395137.67	6908398.99	1160
1124844	22/08/2016	221542	5	N	287.5		24	4.7	0.9	26	60	0.26			4.7	0.9		395144.19	6908409.26	1161
1124844	22/08/2016	221454	5	N	300		24	17.3	-3.1	29	57	0.25			17.3	-3.1		395152.49	6908417.97	1165
1124844	22/08/2016	221406	5	N	312.5		24	19.7	-2.2	33	57	0.26			19.7	-2.2		395162.01	6908425.93	1167
1124844	22/08/2016	221318	5	N	325		24	16.7	-2.5	25	61	0.26			16.7	-2.5		395170.29	6908434.93	1169
1124844	22/08/2016	221234	5	N	337.5		24	18	-2.3	32	58	0.26			18	-2.3		395174.15	6908448.17	1175
1124844	22/08/2016	220418	5	N	350		24	20.2	-9.1	34	56	0.26			20.2	-9.1		395179.2	6908456.98	1176
1124844	22/08/2016	220318	5	N	362.5		24	19.8	-13.1	30	54	0.24			19.8	-13.1		395183.96	6908465.31	1181
1124844	22/08/2016	220206	5	N	375		24	17.8	-13.8	25	54	0.23			17.8	-13.8		395192.31	6908475.57	1180
1124844	22/08/2016	220114	5	N	387.5		24	10.1	-9.8	29	59	0.26			10.1	-9.8		395202.26	6908482.98	1183
1124844	22/08/2016	220030	5	N	400		24	16.9	-6.3	35	54	0.25			16.9	-6.3		395206.83	6908492.5	1185
1124844	22/08/2016	215942	5	N	412.5		24	22	-5.9	31	53	0.24			22	-5.9		395211.92	6908502.69	1187
1124844	22/08/2016	215838	5	N	425		24	18.1	-13	25	56	0.24			18.1	-13		395220.74	6908514.63	1189
1124844	22/08/2016	215746	5	N	437.5		24	19.5	-9.6	26	55	0.24			19.5	-9.6		395228.68	6908521.74	1189
1124844	22/08/2016	215634	5	N	450		24	11.1	-11.6	34	56	0.26			11.1	-11.6		395231.21	6908535.13	1194
1124844	22/08/2016	215542	5	N	462.5		24	22	-14.2	28	52	0.23			22	-14.2		395235.68	6908545.32	1196
1124844	22/08/2016	215454	5	N	475		24	10.8	-10	28	58	0.26			10.8	-10		395244.11	6908551.61	1197
1124844	22/08/2016	215350	5	N	487.5		24	13.6	-13.2	29	55	0.24			13.6	-13.2		395251.17	6908562.91	1201
1124844	22/08/2016	215310	5	N	500		24	15.1	-13.6	32	55	0.25			15.1	-13.6		395255.05	6908572.03	1204
1124844	22/08/2016	215158	5	N	512.5		24	23.1	-11.8	31	52	0.24			23.1	-11.8		395262.9	6908583.91	1206
1124844	22/08/2016	215106	5	N	525		24	18.1	-14.4	27	54	0.24			18.1	-14.4		395271.28	6908591.92	1209
1124844	22/08/2016	215014	5	N	537.5		24	15.4	-10.6	28	56	0.25			15.4	-10.6		395281.26	6908597.72	1210
1124844	22/08/2016	214930	5	N	550		24	6.8	-10.5	26	58	0.25			6.8	-10.5		395290.67	6908606.19	1212
1124844	22/08/2016	214834	5	N	562.5		24	12.6	-13.6	24	56	0.24			12.6	-13.6		395296.36	6908618.82	1212
1124844	22/08/2016	214746	5	N	575		24	13.1	-21.3	27	56	0.24			13.1	-21.3		395303.26	6908627.27	1214
1124844	22/08/2016	214706	5	N	587.5		24	9.8	-17.4	29	56	0.25			9.8	-17.4		395308.22	6908636.96	1217
1124844	22/08/2016	214618	5	N	600		24	7.6	-17.2	29	60	0.26			7.6	-17.2		395314.67	6908649	1217
1124844	22/08/2016	214538	5	N	612.5		24	11.4	-14.2	18	59	0.24			11.4	-14.2		395321.08	6908658.31	1220
1124844	22/08/2016	214442	5	N	625		24	16.9	-18.6	23	56	0.24			16.9	-18.6		395326.6	6908669.68	1223
1124844	22/08/2016	214342	5	N	637.5		24	21.7	-17.5	25	55	0.24			21.7	-17.5		395333.47	6908680.36	1224

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	214238	5	N	650		24	21.7	-16.7	23	57	0.24			21.7	-16.7		395340.4	6908689.29	1226
1124844	22/08/2016	214154	5	N	662.5		24	22.7	-15.2	29	58	0.26			22.7	-15.2		395347.3	6908697.3	1227
1124844	22/08/2016	214054	5	N	675		24	21.6	-17.6	29	55	0.24			21.6	-17.6		395350.02	6908710.32	1230
1124844	22/08/2016	213722	5	N	687.5		24	25.4	-18.6	26	54	0.23			25.4	-18.6		395358.41	6908718.13	1231
1124844	22/08/2016	213630	5	N	700		24	17.1	-20	27	56	0.24			17.1	-20		395365.1	6908729.14	1232
1124844	22/08/2016	213546	5	N	712.5		24	18.7	-19.3	18	57	0.24			18.7	-19.3		395371.05	6908738.81	1233
1124844	22/08/2016	213458	5	N	725		24	24.9	-18.9	27	56	0.24			24.9	-18.9		395377.56	6908749	1235
1124844	22/08/2016	213418	5	N	737.5		24	27	-21.1	26	55	0.24			27	-21.1		395385.51	6908760.04	1236
1124844	22/08/2016	213338	5	N	750		24	19.8	-21.9	23	58	0.24			19.8	-21.9		395393.59	6908768.91	1238
1124844	22/08/2016	213254	5	N	762.5		24	24.6	-19.1	30	56	0.25			24.6	-19.1		395404.2	6908776.41	1239
1124844	22/08/2016	213206	5	N	775		24	18.9	-20.8	27	56	0.25			18.9	-20.8		395410.79	6908784.35	1241
1124844	22/08/2016	213122	5	N	787.5		24	20.6	-24.6	24	58	0.25			20.6	-24.6		395418.31	6908796.14	1243
1124844	22/08/2016	212906	5	N	800		24	18.3	-20.2	23	59	0.25			18.3	-20.2		395424.84	6908805.8	1244
1124844	22/08/2016	212826	5	N	812.5		24	21.4	-19	23	58	0.24			21.4	-19		395432.06	6908817.05	1245
1124844	22/08/2016	212746	5	N	825		24	22.8	-14.7	21	60	0.25			22.8	-14.7		395438.45	6908825.46	1246
1124844	22/08/2016	212642	5	N	837.5		24	17	-16.6	26	53	0.23			17	-16.6		395447.04	6908835.54	1250
1124844	22/08/2016	212602	5	N	850		24	22.9	-20.9	22	56	0.24			22.9	-20.9		395452.29	6908846.82	1252
1124844	22/08/2016	212502	5	N	862.5		24	23.2	-18.3	27	55	0.24			23.2	-18.3		395459.12	6908856.54	1254
1124844	22/08/2016	212354	5	N	875		24	22.4	-20.5	20	57	0.24			22.4	-20.5		395465.92	6908867.51	1256
1124844	22/08/2016	212306	5	N	887.5		24	22.2	-22.4	26	53	0.23			22.2	-22.4		395472.43	6908877.41	1256
1124844	22/08/2016	212230	5	N	900		24	20.3	-18.6	20	56	0.23			20.3	-18.6		395479.91	6908888.45	1257
1124844	22/08/2016	212150	5	N	912.5		24	27.3	-14	23	56	0.24			27.3	-14		395487.66	6908898.41	1257
1124844	22/08/2016	212034	5	N	925		24	21.5	-17.8	27	56	0.24			21.5	-17.8		395495.3	6908907.73	1257
1124844	22/08/2016	211950	5	N	937.5		24	25.5	-13.1	25	58	0.25			25.5	-13.1		395500.52	6908918.91	1255
1124844	22/08/2016	211858	5	N	950		24	25.3	-16.9	29	54	0.24			25.3	-16.9		395507.2	6908929.79	1253
1124844	22/08/2016	211658	5	N	962.5		24	24.9	-16.5	30	54	0.24			24.9	-16.5		395513.39	6908940.71	1252
1124844	22/08/2016	211550	5	N	975		24	25.5	-20	24	52	0.23			25.5	-20		395520.17	6908951.18	1248
1124844	22/08/2016	211454	5	N	987.5		24	23.7	-15.5	26	56	0.24			23.7	-15.5		395529.11	6908958.72	1244
1124844	22/08/2016	211358	5	N	1000		24	25.4	-14	36	55	0.26			25.4	-14		395537.51	6908967.95	1239
1124844	22/08/2016	211142	5	N	1012.5		24	24.7	-9.3	34	57	0.26			24.7	-9.3		395542.91	6908976.83	1235
1124844	22/08/2016	210910	5	N	1025		24	28.7	-8.2	33	57	0.26			28.7	-8.2		395549.5	6908986.71	1231
1124844	22/08/2016	210810	5	N	1037.5		24	21.9	-7.8	33	61	0.27			21.9	-7.8		395557.68	6908993.78	1224
1124844	22/08/2016	210706	5	N	1050		24	24.2	-9.6	30	59	0.26			24.2	-9.6		395562.04	6909003.01	1217
1124844	22/08/2016	210602	5	N	1062.5		24	27.9	-6.5	33	58	0.26			27.9	-6.5		395568.72	6909012.34	1212
1124844	22/08/2016	210450	5	N	1075		24	24.1	-7	29	58	0.26			24.1	-7		395574.29	6909023.93	1208
1124844	22/08/2016	210358	5	N	1087.5		24	29.9	-4.2	32	55	0.25			29.9	-4.2		395582.44	6909034.77	1205
1124844	22/08/2016	210302	5	N	1100		24	23.7	-9.7	32	55	0.25			23.7	-9.7		395588.49	6909043.48	1204
1124844	22/08/2016	210142	5	N	1112.5		24	30.1	-5	27	58	0.25			30.1	-5		395593.08	6909055.62	1202
1124844	22/08/2016	210034	5	N	1125		24	23.6	-8.7	34	58	0.26			23.6	-8.7		395598.98	6909067.16	1200
1124844	22/08/2016	205926	5	N	1137.5		24	23.9	-8.8	29	58	0.25			23.9	-8.8		395610.11	6909074.32	1198
1124844	22/08/2016	205842	5	N	1150		24	25.5	-3.6	27	60	0.26			25.5	-3.6		395616.5	6909084.14	1197
1124844	22/08/2016	205742	5	N	1162.5		24	30.5	-7.2	28	62	0.27			30.5	-7.2		395622.84	6909093.91	1195
1124844	22/08/2016	205650	5	N	1175		24	26.7	-6.4	28	58	0.25			26.7	-6.4		395629.56	6909102.9	1192
1124844	22/08/2016	205550	5	N	1187.5		24	28.2	-7.5	29	57	0.25			28.2	-7.5		395639.22	6909112.01	1190
1124844	22/08/2016	205354	5	N	1200		24	28.9	-5.2	33	57	0.26			28.9	-5.2		395643.95	6909121.19	1186
1124844	22/08/2016	205254	5	N	1212.5		24	19.4	-5.5	29	59	0.26			19.4	-5.5		395651.71	6909130.36	1185
1124844	22/08/2016	205158	5	N	1225		24	19	-2.7	34	55	0.25			19	-2.7		395658.51	6909140.38	1183
1124844	22/08/2016	205022	5	N	1237.5		24	17.7	-5.2	39	57	0.27			17.7	-5.2		395667.38	6909147.15	1181
1124844	22/08/2016	204906	5	N	1250		24	24.4	-4.2	40	59	0.28			24.4	-4.2		395675.07	6909159.1	1178
1124844	22/08/2016	204810	5	N	1262.5		24	23.3	-3.3	33	60	0.27			23.3	-3.3		395679.6	6909170.11	1176
1124844	22/08/2016	204722	5	N	1275		24	25.7	-6.2	32	59	0.27			25.7	-6.2		395685.24	6909180.75	1174
1124844	22/08/2016	204630	5	N	1287.5		24	28.9	-3.1	34	62	0.28			28.9	-3.1		395690.47	6909191.56	1171
1124844	22/08/2016	204530	5	N	1300		24	24.9	-0.2	36	57	0.27			24.9	-0.2		395696.63	6909202.58	1168
1124844	22/08/2016	204434	5	N	1312.5		24	29.7	-2.2	33	57	0.26			29.7	-2.2		395701.04	6909213.51	1165
1124844	22/08/2016	204342	5	N	1325		24	27.6	0.6	36	59	0.27			27.6	0.6		395708.6	6909222.29	1163
1124844	22/08/2016	204238	5	N	1337.5		24	27.6	0	30	61	0.27			27.6	0		395716.19	6909232.54	1162
1124844	22/08/2016	204150	5	N	1350		24	26.5	0.9	34	62	0.28			26.5	0.9		395723.02	6909243.05	1160

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	204042	5	N	1362.5		24	33	-1.6	30	62	0.27			33	-1.6		395730.23	6909251.68	1158
1124844	22/08/2016	203946	5	N	1375		24	24.2	2.1	33	59	0.27			24.2	2.1		395737.9	6909261.39	1156
1124844	22/08/2016	203854	5	N	1387.5		24	29.3	-1.5	30	56	0.25			29.3	-1.5		395746.25	6909270.78	1154
1124844	22/08/2016	203806	5	N	1400		24	29.9	-0.5	27	57	0.25			29.9	-0.5		395753.6	6909281.06	1151
1124844	22/08/2016	203434	5	N	1412.5		24	19.6	-0.7	17	48	0.2			19.6	-0.7		395758.17	6909290.46	1148
1124844	22/08/2016	203326	5	N	1425		24	10.2	0.2	2	45	0.18			10.2	0.2		395765.27	6909301.59	1146
1124844	22/08/2016	203222	5	N	1437.5		24	12.4	3.1	-3	42	0.16			12.4	3.1		395774.43	6909311.53	1143
1124844	22/08/2016	202954	5	N	1450		24	12.6	3.5	-5	38	0.15			12.6	3.5		395780.32	6909320.74	1140
1124844	22/08/2016	203022	5	N	1450		24	8.2	0.1	-1	37	0.14			8.2	0.1		395780.32	6909320.85	1139
8042728	22/08/2016	222226	7	N	0		24	-0.3	-0.1	6	57	0.23	2				Double reading	395154.9	6908067.63	1130
8042728	22/08/2016	222250	7	N	0		24	-4.4	-1.2	8	59	0.23	2				Double reading	395154.1	6908066.57	1129
8042728	22/08/2016	222318	7	N	0		24	-0.1	-0.3	8	54	0.21	2				Double reading	395153.93	6908064.93	1130
8042728	22/08/2016	222338	7	N	0	Should be station 0, all stations need to be changed	24	-2.2	-1.2	6	60	0.24			-2.2	-1.2		395153.99	6908064.25	1130
8042728	22/08/2016	222146	7	N	12.5		24	-9.1	-6.6	10	73	0.29			-9.1	-6.6		395156.82	6908075.4	1129
8042728	22/08/2016	222110	7	N	25		24	-3	-3	5	56	0.22			-3	-3		395160.08	6908083.67	1133
8042728	22/08/2016	222018	7	N	37.5		24	-2	-1	2	60	0.23			-2	-1		395167.04	6908096.28	1137
8042728	22/08/2016	221938	7	N	50		24	2	-3.6	3	57	0.22			2	-3.6		395175.93	6908105.08	1140
8042728	22/08/2016	221846	7	N	62.5		24	1.8	0	-7	56	0.22			1.8	0		395183.49	6908116.55	1144
8042728	22/08/2016	221802	7	N	75		24	2.1	-2.4	1	57	0.23			2.1	-2.4		395190.48	6908125.05	1145
8042728	22/08/2016	221718	7	N	87.5		24	4.5	-3.3	-2	58	0.23			4.5	-3.3		395198.01	6908135.22	1150
8042728	22/08/2016	221642	7	N	100		24	3.5	0	1	54	0.21			3.5	0		395204.63	6908145.66	1152
8042728	22/08/2016	221554	7	N	112.5		24	3.8	1.3	0	59	0.23			3.8	1.3		395210.29	6908154.88	1149
8042728	22/08/2016	221458	7	N	125		24	-0.4	-0.2	0	54	0.21			-0.4	-0.2		395216.89	6908166.03	1154
8042728	22/08/2016	221410	7	N	137.5		24	-1.2	1.6	1	55	0.22			-1.2	1.6		395224.61	6908174.87	1158
8042728	22/08/2016	221322	7	N	150		24	-1.1	-4.5	-4	58	0.23			-1.1	-4.5		395233.22	6908184.33	1160
8042728	22/08/2016	221234	7	N	162.5		24	-4.3	-4.5	0	56	0.22			-4.3	-4.5		395239.9	6908192.58	1161
8042728	22/08/2016	221158	7	N	175		24	-1.8	-2.4	0	55	0.22			-1.8	-2.4		395244.23	6908201.5	1162
8042728	22/08/2016	221110	7	N	187.5		24	-4	-4	0	55	0.22			-4	-4		395255.89	6908213.02	1166
8042728	22/08/2016	221026	7	N	200		24	-5.5	-8.3	-3	61	0.24			-5.5	-8.3		395261.81	6908222.02	1168
8042728	22/08/2016	220946	7	N	212.5		24	-6.6	-5.2	-1	57	0.22			-6.6	-5.2		395270.12	6908231.98	1170
8042728	22/08/2016	220910	7	N	225		24	-3	-7.2	-2	56	0.22			-3	-7.2		395277.79	6908240.62	1173
8042728	22/08/2016	220830	7	N	237.5		24	-7.9	-6.6	-1	59	0.23			-7.9	-6.6		395284.25	6908250.43	1172
8042728	22/08/2016	220746	7	N	250		24	-3	-5.3	-3	64	0.25			-3	-5.3		395293.57	6908261.37	1177
8042728	22/08/2016	220702	7	N	262.5		24	-4.2	-4.8	1	57	0.22			-4.2	-4.8		395299.26	6908270.49	1180
8042728	22/08/2016	220622	7	N	275		24	-1.8	-3.4	-1	59	0.23			-1.8	-3.4		395305.35	6908280.85	1178
8042728	22/08/2016	220550	7	N	287.5		24	-2	-3.3	0	57	0.22			-2	-3.3		395309.88	6908288.4	1183
8042728	22/08/2016	220510	7	N	300		24	-1.9	-2.8	1	57	0.22			-1.9	-2.8		395319.95	6908298.86	1185
8042728	22/08/2016	220414	7	N	312.5		24	0.2	-1.1	2	55	0.22			0.2	-1.1		395325.19	6908310.78	1189
8042728	22/08/2016	220326	7	N	325		24	-1.9	-4.1	-3	59	0.23			-1.9	-4.1		395332.87	6908320.7	1189
8042728	22/08/2016	220226	7	N	337.5		24	-5.7	-4.7	1	57	0.22			-5.7	-4.7		395335.5	6908327.32	1192
8042728	22/08/2016	220106	7	N	350		24	-1.2	-2.5	-1	56	0.22			-1.2	-2.5		395344.04	6908336.3	1194
8042728	22/08/2016	220018	7	N	362.5		24	-0.5	-2.1	1	59	0.23			-0.5	-2.1		395352.49	6908348.06	1194
8042728	22/08/2016	215934	7	N	375		24	-0.9	0	1	58	0.23			-0.9	0		395359.32	6908359.38	1195
8042728	22/08/2016	215846	7	N	387.5		24	-2.8	2.1	2	56	0.22			-2.8	2.1		395366.68	6908368.52	1199
8042728	22/08/2016	215802	7	N	400		24	-3.8	-2.8	0	57	0.22			-3.8	-2.8		395372.05	6908378.68	1202
8042728	22/08/2016	215722	7	N	412.5		24	-3.1	-8.1	0	59	0.23			-3.1	-8.1		395376.85	6908384.71	1203
8042728	22/08/2016	215638	7	N	425		24	-2.8	-4.1	-1	63	0.25			-2.8	-4.1		395384.43	6908395.76	1206
8042728	22/08/2016	215554	7	N	437.5		24	-2.4	-0.6	2	57	0.22			-2.4	-0.6		395392.13	6908405.61	1206
8042728	22/08/2016	215446	7	N	450		24	-6.4	-4	1	58	0.23			-6.4	-4		395401.92	6908420.99	1208
8042728	22/08/2016	215346	7	N	462.5		24	-5.7	-1.3	2	61	0.24			-5.7	-1.3		395408.6	6908431.16	1211
8042728	22/08/2016	215314	7	N	475		24	-4.7	-3.3	3	60	0.23			-4.7	-3.3		395412.16	6908436.59	1212
8042728	22/08/2016	215214	7	N	487.5		24	-8.8	-1.2	-1	62	0.24			-8.8	-1.2		395421.38	6908448.64	1213
8042728	22/08/2016	215134	7	N	500		24	-5.6	-2.2	1	61	0.24			-5.6	-2.2		395424.34	6908453.9	1216
8042728	22/08/2016	215050	7	N	512.5		24	-7.7	-0.9	-1	65	0.26			-7.7	-0.9		395431.83	6908466.22	1219
8042728	22/08/2016	215010	7	N	525		24	-6.7	-6.1	2	61	0.24			-6.7	-6.1		395439.51	6908476.12	1221
8042728	22/08/2016	214926	7	N	537.5		24	-5.4	-1.7	2	61	0.24			-5.4	-1.7		395446.83	6908486.42	1223
8042728	22/08/2016	214850	7	N	550		24	-8.6	-1.9	1	65	0.25			-8.6	-1.9		395454.79	6908495.25	1226

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	214742	7	N	562.5		24	-7.9	-3.7	0	60	0.24			-7.9	-3.7		395467.06	6908506.98	1228
8042728	22/08/2016	214638	7	N	575		24	-8.3	-6.5	-2	66	0.26			-8.3	-6.5		395472.69	6908517.63	1229
8042728	22/08/2016	214538	7	N	587.5		24	-1.8	-0.5	0	59	0.23			-1.8	-0.5		395479.94	6908528.52	1231
8042728	22/08/2016	214414	7	N	600		24	-1.3	-1.8	-2	64	0.25			-1.3	-1.8		395483.98	6908536.48	1233
8042728	22/08/2016	214318	7	N	612.5		24	0.1	-0.8	5	61	0.24			0.1	-0.8		395492.2	6908549.39	1235
8042728	22/08/2016	214214	7	N	625		24	-8.3	3.8	0	72	0.28			-8.3	3.8		395499.02	6908558.83	1236
8042728	22/08/2016	214134	7	N	637.5		24	-3.8	-3.8	5	62	0.25			-3.8	-3.8		395505.75	6908568.5	1237
8042728	22/08/2016	214050	7	N	650		24	-4	-4.5	1	65	0.26			-4	-4.5		395513.71	6908583.23	1239
8042728	22/08/2016	213742	7	N	662.5		24	-5.1	-3.5	0	63	0.25			-5.1	-3.5		395520.07	6908590.73	1240
8042728	22/08/2016	213650	7	N	675		24	-8.5	-4.6	7	63	0.25			-8.5	-4.6		395529.38	6908606.14	1242
8042728	22/08/2016	213602	7	N	687.5		24	-13.6	-6.5	6	65	0.26			-13.6	-6.5		395536.52	6908615.54	1244
8042728	22/08/2016	213510	7	N	700		24	-11.1	-8.5	8	67	0.26			-11.1	-8.5		395543.57	6908625.76	1245
8042728	22/08/2016	213426	7	N	712.5		24	-9.6	-8	7	65	0.26			-9.6	-8		395549.4	6908633.64	1247
8042728	22/08/2016	213338	7	N	725		24	-8.9	-4.6	4	70	0.28			-8.9	-4.6		395556.22	6908642.57	1248
8042728	22/08/2016	213242	7	N	737.5		24	-3.8	-4.3	4	71	0.28			-3.8	-4.3		395564.47	6908654.14	1250
8042728	22/08/2016	213150	7	N	750		24	-3.4	-5.5	5	73	0.29			-3.4	-5.5		395570.81	6908663.54	1252
8042728	22/08/2016	213106	7	N	762.5		24	0.5	-3.7	4	70	0.27			0.5	-3.7		395576.6	6908673.54	1252
8042728	22/08/2016	213026	7	N	775		24	-0.9	-5	7	68	0.27			-0.9	-5		395583.92	6908683.8	1254
8042728	22/08/2016	212930	7	N	787.5		24	2.7	-5.3	6	63	0.25			2.7	-5.3		395588.8	6908692.55	1256
8042728	22/08/2016	212822	7	N	800		24	0	-7.7	6	68	0.27			0	-7.7		395597.45	6908703.98	1258
8042728	22/08/2016	212742	7	N	812.5		24	-5.3	-5.8	9	68	0.27			-5.3	-5.8		395603.75	6908713.71	1259
8042728	22/08/2016	212658	7	N	825		24	-5.1	-4.9	17	67	0.27			-5.1	-4.9		395608.52	6908720.48	1260
8042728	22/08/2016	212618	7	N	837.5		24	-5.8	-5.9	12	69	0.28			-5.8	-5.9		395617.98	6908732.88	1261
8042728	22/08/2016	212530	7	N	850		24	-4.8	-4.2	17	67	0.27			-4.8	-4.2		395624.55	6908743.29	1263
8042728	22/08/2016	212446	7	N	862.5		24	-2.8	-8.5	10	70	0.28			-2.8	-8.5		395634.48	6908757.67	1264
8042728	22/08/2016	212402	7	N	875		24	0.4	-3.5	11	69	0.28			0.4	-3.5		395640.71	6908767.32	1265
8042728	22/08/2016	212314	7	N	887.5		24	-7.2	-4.7	6	65	0.26			-7.2	-4.7		395647.71	6908778.62	1266
8042728	22/08/2016	212230	7	N	900		24	8.4	-1.9	0	73	0.29			8.4	-1.9		395654.76	6908788.99	1267
8042728	22/08/2016	212138	7	N	912.5		24	9.9	-4.4	1	67	0.26			9.9	-4.4		395659.19	6908796.75	1267
8042728	22/08/2016	212054	7	N	925		24	7.8	-1.3	8	63	0.25			7.8	-1.3		395664.73	6908804.87	1267
8042728	22/08/2016	212010	7	N	937.5		24	13.9	0.9	2	69	0.27			13.9	0.9		395670.56	6908817.51	1269
8042728	22/08/2016	211918	7	N	950		24	9.7	-3.4	7	60	0.24			9.7	-3.4		395678.5	6908830.75	1270
8042728	22/08/2016	211826	7	N	962.5		24	9.7	-1.7	10	61	0.24			9.7	-1.7		395685.57	6908841.54	1270
8042728	22/08/2016	211742	7	N	975		24	7.7	-0.6	13	60	0.24			7.7	-0.6		395692	6908851.65	1271
8042728	22/08/2016	211654	7	N	987.5		24	8.1	-2.4	9	61	0.24			8.1	-2.4		395699.48	6908861.55	1270
8042728	22/08/2016	211606	7	N	1000		24	9.6	-2	2	59	0.23			9.6	-2		395706.25	6908871.27	1269
8042728	22/08/2016	211522	7	N	1012.5		24	8	-0.3	5	57	0.22			8	-0.3		395714.64	6908883.37	1268
8042728	22/08/2016	211430	7	N	1025		24	-4.6	5.9	-5	65	0.25			-4.6	5.9		395720.24	6908891.91	1268
8042728	22/08/2016	211330	7	N	1037.5		24	16.5	-0.6	-11	61	0.24			16.5	-0.6		395728.83	6908901.16	1266
8042728	22/08/2016	211218	7	N	1050		24	9.3	6.8	3	53	0.21			9.3	6.8		395738.78	6908916.43	1264
8042728	22/08/2016	211126	7	N	1062.5		24	18.7	4.6	2	58	0.23			18.7	4.6		395746.74	6908928.89	1260
8042728	22/08/2016	211026	7	N	1075		24	10	5.8	7	54	0.22			10	5.8		395751.6	6908937.97	1256
8042728	22/08/2016	210834	7	N	1087.5		24	16.7	7.1	-1	61	0.24			16.7	7.1		395756.76	6908952.66	1251
8042728	22/08/2016	210730	7	N	1100		24	12.1	4	5	53	0.21			12.1	4		395764.13	6908962.23	1247
8042728	22/08/2016	210622	7	N	1112.5		24	12.8	2.2	1	57	0.23			12.8	2.2		395769.14	6908969.52	1242
8042728	22/08/2016	205950	7	N	1125		24	9.4	-1	1	56	0.22			9.4	-1		395780.86	6908980.31	1234
8042728	22/08/2016	205854	7	N	1137.5		24	10.5	2.8	2	57	0.22			10.5	2.8		395787.57	6908987.87	1229
8042728	22/08/2016	205742	7	N	1150		24	16.3	0.3	0	60	0.23			16.3	0.3		395795.9	6908998.52	1226
8042728	22/08/2016	205634	7	N	1162.5		24	18.9	-1.2	7	57	0.22			18.9	-1.2		395801.39	6909008.51	1224
8042728	22/08/2016	205542	7	N	1175		24	28.7	8.9	3	59	0.23			28.7	8.9		395808.7	6909020.22	1221
8042728	22/08/2016	205450	7	N	1187.5		24	24.8	7.7	6	55	0.22			24.8	7.7		395813.84	6909028.97	1219
8042728	22/08/2016	205354	7	N	1200		24	23.6	1.7	6	55	0.22			23.6	1.7		395819.12	6909039.08	1217
8042728	22/08/2016	205306	7	N	1212.5		24	18.8	8.1	3	55	0.22			18.8	8.1		395825.93	6909049.32	1215
8042728	22/08/2016	205110	7	N	1225		24	20.6	3.4	2	54	0.21			20.6	3.4		395831.8	6909057.35	1214
8042728	22/08/2016	204954	7	N	1237.5		24	18.1	0.1	4	53	0.21			18.1	0.1		395840.68	6909069.15	1211
8042728	22/08/2016	204750	7	N	1250		24	23.1	3.6	5	56	0.22			23.1	3.6		395850.24	6909084.22	1207
8042728	22/08/2016	204558	7	N	1262.5		24	16.9	1.9	-2	51	0.2			16.9	1.9		395857.39	6909094.35	1203

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	204510	7	N	1275		24	17.4	4.8	7	49	0.19			17.4	4.8		395864.73	6909103.83	1200
8042728	22/08/2016	204426	7	N	1287.5		24	20.8	2.9	3	52	0.2			20.8	2.9		395871.5	6909112.46	1197
8042728	22/08/2016	204310	7	N	1300		24	19.1	0.3	5	52	0.2			19.1	0.3		395878.91	6909121.08	1193
8042728	22/08/2016	204218	7	N	1312.5		24	21.1	5.7	2	53	0.21			21.1	5.7		395886.8	6909132.18	1190
8042728	22/08/2016	204122	7	N	1325		24	23.8	2.3	4	52	0.21			23.8	2.3		395893.12	6909140.58	1187
8042728	22/08/2016	204010	7	N	1337.5		24	19.8	1.8	3	50	0.2			19.8	1.8		395901.57	6909150.56	1183
8042728	22/08/2016	203918	7	N	1350		24	21	4	2	51	0.2			21	4		395907.61	6909157.6	1181
8042728	22/08/2016	203718	7	N	1362.5		24	-38.2	3.7	-2	54	0.21	9				Bad Point	395916.67	6909169.98	1176
8042728	22/08/2016	203610	7	N	1375		24	5.3	2.2	3	49	0.19			5.3	2.2		395923.97	6909179.17	1173
8042728	22/08/2016	203514	7	N	1387.5		24	16.1	7	4	49	0.19			16.1	7		395929.21	6909187.39	1171
8042728	22/08/2016	203358	7	N	1400		24	13.8	5.2	4	48	0.19			13.8	5.2		395938.05	6909198.1	1168
8042728	22/08/2016	203218	7	N	1412.5		24	13.4	7.1	3	49	0.19			13.4	7.1		395944	6909205.97	1164
8042728	22/08/2016	203254	7	N	1412.5		24	11	7.8	3	48	0.19	2				Double reading	395944.4	6909206.69	1165
1124844	22/08/2016	232314	9	N	0		24	-17.8	-8	-127	88	0.61	2				Double reading	395315.83	6907955.75	1134
1124844	22/08/2016	232338	9	N	0		24	-18.8	-5.9	-76	44	0.69			-18.8	-5.9		395316.4	6907956.14	1134
1124844	22/08/2016	232534	9	N	12.5		24	-14	-5.4	-81	70	0.85			-14	-5.4		395324.68	6907959.2	1135
1124844	22/08/2016	232622	9	N	25		24	-17.6	-5.2	-75	44	0.69			-17.6	-5.2		395329.83	6907969.45	1137
1124844	22/08/2016	232730	9	N	37.5		24	-30.9	-4.9	-32	34	0.37			-30.9	-4.9		395337.41	6907978.4	1143
1124844	22/08/2016	232814	9	N	50		24	-20.1	-5.8	-114	76	0.54			-20.1	-5.8		395346.7	6907984.93	1144
1124844	22/08/2016	232858	9	N	62.5		24	-22.7	-12	-127	97	0.63			-22.7	-12		395355.68	6907995.73	1148
1124844	22/08/2016	232958	9	N	75		24	-23.5	-10.5	-64	38	0.59			-23.5	-10.5		395359.62	6908005.87	1155
1124844	22/08/2016	233038	9	N	87.5		24	-18.7	-10.1	-87	61	0.85			-18.7	-10.1		395363.03	6908014.48	1156
1124844	22/08/2016	233126	9	N	100		24	-19.9	-6.6	-82	49	0.76			-19.9	-6.6		395371.22	6908024.65	1159
1124844	22/08/2016	233214	9	N	112.5		24	-15.1	-3.2	-90	55	0.84			-15.1	-3.2		395377.98	6908034.26	1162
1124844	22/08/2016	233258	9	N	125		24	-14.1	-3.3	-85	66	0.85			-14.1	-3.3		395381.47	6908045.56	1163
1124844	22/08/2016	233346	9	N	137.5		24	-15.2	-5.5	-83	67	0.85			-15.2	-5.5		395385.85	6908056.41	1167
1124844	22/08/2016	233446	9	N	150		24	-17.1	-3.8	-83	64	0.83			-17.1	-3.8		395393.36	6908067.47	1168
1124844	22/08/2016	233542	9	N	162.5		24	-20.8	-6	-77	47	0.72			-20.8	-6		395402.77	6908073.85	1171
1124844	22/08/2016	233626	9	N	175		24	-21.1	-7.9	-78	49	0.74			-21.1	-7.9		395410.82	6908081.94	1173
1124844	22/08/2016	233722	9	N	187.5		24	-23.7	-6	-74	41	0.67			-23.7	-6		395422.06	6908091.46	1176
1124844	22/08/2016	233826	9	N	200		24	-18.3	-6.3	-83	71	0.87			-18.3	-6.3		395427.23	6908100.38	1179
1124844	22/08/2016	233914	9	N	212.5		24	-16.4	-3.4	-83	68	0.86			-16.4	-3.4		395429.83	6908112.08	1181
1124844	22/08/2016	233950	9	N	225		24	-18.3	-5.7	-77	77	0.87			-18.3	-5.7		395434.16	6908123.69	1183
1124844	22/08/2016	234050	9	N	237.5		24	-20.6	-7.8	-86	56	0.82			-20.6	-7.8		395441.88	6908131.87	1185
1124844	22/08/2016	234138	9	N	250		24	-23.1	-8.7	-88	51	0.81			-23.1	-8.7		395448.24	6908142.27	1187
1124844	22/08/2016	234238	9	N	262.5		24	-26.9	-11.9	-78	45	0.72			-26.9	-11.9		395455.49	6908151.64	1187
1124844	22/08/2016	234326	9	N	275		24	-32.4	-13.5	-69	40	0.64			-32.4	-13.5		395466.12	6908157.53	1188
1124844	22/08/2016	234414	9	N	287.5		24	-23.9	-8.3	-94	67	0.92			-23.9	-8.3		395472.99	6908169.08	1191
1124844	22/08/2016	234454	9	N	300		24	-23	-8.8	-90	70	0.91			-23	-8.8		395479.53	6908177.94	1190
1124844	22/08/2016	234554	9	N	312.5		24	-23.7	-7.8	-88	78	0.93			-23.7	-7.8		395483.6	6908188.12	1192
1124844	22/08/2016	234630	9	N	325		24	-18.7	-5	-87	77	0.92			-18.7	-5		395488.72	6908200.01	1194
1124844	22/08/2016	234714	9	N	337.5		24	-19.1	-3.9	-98	54	0.89			-19.1	-3.9		395495.11	6908211.14	1197
1124844	22/08/2016	234750	9	N	350		24	-14.7	-0.5	-78	88	0.93			-14.7	-0.5		395503.91	6908219.4	1198
1124844	22/08/2016	234842	9	N	362.5		24	-20.2	-4.8	-94	51	0.85			-20.2	-4.8		395511.43	6908228.99	1199
1124844	22/08/2016	234942	9	N	375		24	-20.3	-5.5	-97	52	0.88			-20.3	-5.5		395517.76	6908237.29	1202
1124844	22/08/2016	235042	9	N	387.5		24	-24	-2.4	-70	37	0.63			-24	-2.4		395524.05	6908246.44	1203
1124844	22/08/2016	235122	9	N	400		24	-27.1	-0.4	-42	32	0.42			-27.1	-0.4		395534.23	6908255.26	1203
1124844	22/08/2016	235210	9	N	412.5		24	-17.9	-1.2	-127	98	0.64			-17.9	-1.2		395540.12	6908268.47	1206
1124844	22/08/2016	235258	9	N	425		24	-15.7	-1.1	-92	58	0.87			-15.7	-1.1		395546.1	6908278	1207
1124844	22/08/2016	235346	9	N	437.5		24	-16.3	-3.5	-85	72	0.89			-16.3	-3.5		395550.86	6908289.44	1210
1124844	22/08/2016	235502	9	N	450		24	-20.2	-3.2	-85	57	0.81			-20.2	-3.2		395556.02	6908300.45	1213
1124844	22/08/2016	235558	9	N	462.5		24	-22.5	-4.9	-84	51	0.78			-22.5	-4.9		395561.31	6908310.44	1216
1124844	22/08/2016	235650	9	N	475		24	-22.7	-7.2	-88	57	0.83			-22.7	-7.2		395568.52	6908320.1	1216
1124844	22/08/2016	235730	9	N	487.5		24	-24	-11.6	-86	51	0.8			-24	-11.6		395577.33	6908328.42	1218
1124844	22/08/2016	235810	9	N	500		24	-25.5	-9.8	-87	71	0.89			-25.5	-9.8		395583.46	6908340.9	1219
1124844	22/08/2016	235850	9	N	512.5		24	-24.2	-9.3	-77	78	0.87			-24.2	-9.3		395588.84	6908351.82	1223
1124844	22/08/2016	235934	9	N	525		24	-28.3	-12.6	-86	48	0.78			-28.3	-12.6		395596.55	6908359.84	1224

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	10	9	N	537.5		24	-29.8	-10.4	-87	46	0.7			-29.8	-10.4		395606.77	6908367.46	1225
1124844	22/08/2016	50	9	N	550		24	-31.5	-11	-72	37	0.64			-31.5	-11		395616.66	6908374.47	1226
1124844	22/08/2016	142	9	N	562.5		24	-24	-8.5	-100	69	0.96			-24	-8.5		395623.35	6908383.91	1226
1124844	22/08/2016	218	9	N	575		24	-17	-4.7	-101	69	0.98			-17	-4.7		395633.02	6908392.96	1228
1124844	22/08/2016	310	9	N	587.5		24	-14.2	-2.7	-103	64	0.96			-14.2	-2.7		395633.48	6908406.23	1231
1124844	22/08/2016	418	9	N	600		24	-10	0.2	-83	84	0.94			-10	0.2		395638.99	6908416.46	1233
1124844	22/08/2016	438	9	N	600		24	-10.5	0.9	-76	88	0.92	2				Double reading	395639.1	6908416.34	1233
1124844	22/08/2016	502	9	N	600		24	-12.9	-1.3	-67	94	0.91	2				Double reading	395639.02	6908416.35	1234
1124844	23/08/2016	164830	9	N	612.5		24	-8.1	-3.3	55	28	0.99	1					395648.4	6908432.38	1232
1124844	23/08/2016	165026	9	N	612.5		24	-6.2	-3.1	54	31	1			-6.2	-3.1	Better signal	395648.52	6908432.2	1232
1124844	23/08/2016	165130	9	N	625		24	-10.5	-6.3	65	9	1.04			-10.5	-6.3		395656.88	6908440.94	1233
1124844	23/08/2016	165222	9	N	637.5		24	-14.8	-8.2	58	26	1.01			-14.8	-8.2		395664.47	6908448.37	1235
1124844	23/08/2016	165310	9	N	650		24	-11.2	-7.5	56	29	1.01			-11.2	-7.5		395673.2	6908455.49	1238
1124844	23/08/2016	165354	9	N	662.5		24	-13.2	-7.9	61	22	1.04			-13.2	-7.9		395675.96	6908466.94	1242
1124844	23/08/2016	165450	9	N	675		24	-15.6	-8.7	53	30	0.98			-15.6	-8.7		395682.56	6908477.28	1244
1124844	23/08/2016	165606	9	N	687.5		24	-16.7	-9.4	58	25	1.01			-16.7	-9.4		395687.52	6908488.02	1249
1124844	23/08/2016	165654	9	N	700		24	-20.1	-10.6	42	38	0.91			-20.1	-10.6		395696.36	6908497.17	1251
1124844	23/08/2016	165802	9	N	712.5		24	-25.9	-12.6	96	67	0.93			-25.9	-12.6		395703.51	6908508.41	1254
1124844	23/08/2016	165858	9	N	725		24	-27.7	-14.6	95	71	0.94			-27.7	-14.6		395708.88	6908518.07	1257
1124844	23/08/2016	165958	9	N	737.5		24	-36.6	-13.5	98	55	0.89			-36.6	-13.5		395715.9	6908527.93	1260
1124844	23/08/2016	170038	9	N	750		24	-40.1	-18.7	98	46	0.86			-40.1	-18.7		395722.3	6908536.62	1262
1124844	23/08/2016	170130	9	N	762.5		24	-36.7	-18.5	98	75	0.98			-36.7	-18.5		395730.89	6908548.39	1262
1124844	23/08/2016	170234	9	N	775		24	-45.2	-23.4	98	51	0.88			-45.2	-23.4		395739.28	6908557.27	1261
1124844	23/08/2016	170318	9	N	787.5		24	-29.6	-10.2	99	95	1.09			-29.6	-10.2		395746.71	6908565.08	1258
1124844	23/08/2016	170358	9	N	800		24	-20.5	-4.5	98	73	0.97			-20.5	-4.5		395754.06	6908576.06	1260
1124844	23/08/2016	170502	9	N	812.5		24	-10.1	-0.4	98	80	1.01			-10.1	-0.4		395758.44	6908588.32	1262
1124844	23/08/2016	170546	9	N	825		24	-12.1	-3.2	98	65	0.94			-12.1	-3.2		395768.36	6908597.56	1263
1124844	23/08/2016	170810	9	N	837.5		24	-12.1	-3.8	98	79	1			-12.1	-3.8		395773.81	6908608.39	1266
1124844	23/08/2016	170854	9	N	850		24	-8.6	-5.4	76	97	0.98			-8.6	-5.4		395777.63	6908617.86	1268
1124844	23/08/2016	170942	9	N	862.5		24	-12.4	-6.9	98	80	1.01			-12.4	-6.9		395782.73	6908629.05	1270
1124844	23/08/2016	171030	9	N	875		24	-9	-4.8	98	70	0.96			-9	-4.8		395791.04	6908638.12	1270
1124844	23/08/2016	171154	9	N	887.5		24	-5.7	-3.5	98	71	0.96			-5.7	-3.5		395796.03	6908645.86	1269
1124844	23/08/2016	171234	9	N	900		24	-7	-4.6	98	77	0.99			-7	-4.6		395806.2	6908658.57	1270
1124844	23/08/2016	171346	9	N	912.5		24	-9.4	-4.9	98	69	0.96			-9.4	-4.9		395813.73	6908666.32	1269
1124844	23/08/2016	171430	9	N	925		24	-7.3	-4.3	98	75	0.98	1					395820.09	6908678.52	1269
1124844	23/08/2016	171502	9	N	925		24	-10.5	-6.3	98	79	1.01			-10.5	-6.3	Better signal	395820.53	6908678.43	1269
1124844	23/08/2016	171722	9	N	937.5		24	-9.3	-3.9	98	76	0.99			-9.3	-3.9		395827.59	6908689.5	1267
1124844	23/08/2016	171758	9	N	950		24	-13.1	-7	98	60	0.92			-13.1	-7		395834.66	6908697.65	1264
1124844	23/08/2016	171834	9	N	962.5		24	-10.4	-5.8	99	89	1.06			-10.4	-5.8		395841.18	6908708.11	1261
1124844	23/08/2016	171938	9	N	975		24	-15.2	-9.2	98	67	0.95			-15.2	-9.2		395846.04	6908720.14	1258
1124844	23/08/2016	172014	9	N	987.5		24	-11.3	-8.5	98	83	1.02			-11.3	-8.5		395853.26	6908729.39	1255
1124844	23/08/2016	172046	9	N	1000		24	-10.6	-8.9	98	69	0.96			-10.6	-8.9		395862.69	6908737.88	1255
1124844	23/08/2016	172118	9	N	1012.5		24	-9.7	-9.4	99	77	1			-9.7	-9.4		395871.39	6908746.1	1253
1124844	23/08/2016	172150	9	N	1025		24	-1.2	-6.8	99	87	1.05			-1.2	-6.8		395879.64	6908755.83	1252
1124844	23/08/2016	172226	9	N	1037.5		24	-2.1	-8.6	99	76	0.99			-2.1	-8.6		395885.65	6908765.84	1253
1124844	23/08/2016	172302	9	N	1050		24	8.3	-3.8	98	83	1.02			8.3	-3.8		395892.45	6908776.54	1252
1124844	23/08/2016	172334	9	N	1062.5		24	13.6	-3	99	91	1.07	1					395900.08	6908788.08	1250
1124844	23/08/2016	172402	9	N	1062.5		24	11.6	-2.2	100	97	1.1	0		11.6	-2.2	Better signal	395899.91	6908787.91	1251
1124844	23/08/2016	172634	9	N	1075		24	22.7	0.2	98	69	0.96			22.7	0.2		395906.14	6908797.86	1250
1124844	23/08/2016	172710	9	N	1087.5		24	19.1	-3.4	99	58	0.91			19.1	-3.4		395913.82	6908808.41	1248
1124844	23/08/2016	172746	9	N	1100		24	22	-4.9	98	62	0.92			22	-4.9		395921.2	6908819.33	1247
1124844	23/08/2016	172822	9	N	1112.5		24	22.1	-5.1	99	69	0.96			22.1	-5.1		395928.52	6908830.14	1245
1124844	23/08/2016	172906	9	N	1125		24	24.1	-6.4	98	48	0.87			24.1	-6.4		395936.22	6908840.62	1243
1124844	23/08/2016	172942	9	N	1137.5		24	28.1	0.7	99	52	0.89			28.1	0.7		395943.15	6908849.87	1243
1124844	23/08/2016	173022	9	N	1150		24	28.4	0.2	99	66	0.94			28.4	0.2		395949.94	6908859.74	1241
1124844	23/08/2016	173058	9	N	1162.5		24	30	2	98	54	0.89			30	2		395956.85	6908869.46	1239
1124844	23/08/2016	173138	9	N	1175		24	29.1	1.6	99	59	0.91			29.1	1.6		395964.25	6908880.37	1238

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	23/08/2016	173218	9	N	1187.5		24	25.6	0.4	98	52	0.88			25.6	0.4		395972.16	6908890.52	1236
1124844	23/08/2016	173258	9	N	1200		24	28.6	-0.7	98	48	0.87			28.6	-0.7		395979.36	6908900.72	1234
1124844	23/08/2016	173334	9	N	1212.5		24	21.4	-1.7	98	37	0.84			21.4	-1.7		395987.3	6908910.85	1231
1124844	23/08/2016	173418	9	N	1225		24	19.6	-2.7	98	56	0.9			19.6	-2.7		395993.19	6908918.56	1229
1124844	23/08/2016	173502	9	N	1237.5		24	19.1	-2.2	98	54	0.89			19.1	-2.2		396000.23	6908929.2	1225
1124844	23/08/2016	173546	9	N	1250		24	13.4	-5.5	98	31	0.82			13.4	-5.5		396006.68	6908938.6	1219
1124844	23/08/2016	173630	9	N	1262.5		24	14.6	-2.9	98	45	0.86			14.6	-2.9		396014.03	6908948.46	1215
1124844	23/08/2016	173706	9	N	1275		24	20	0.4	98	56	0.9			20	0.4		396020.47	6908957.83	1213
1124844	23/08/2016	173750	9	N	1287.5		24	19.3	2.2	98	40	0.84			19.3	2.2		396027.73	6908967.66	1208
1124844	23/08/2016	173830	9	N	1300		24	19.1	0.2	98	56	0.9			19.1	0.2		396032.69	6908977.92	1205
1124844	23/08/2016	173910	9	N	1312.5		24	16.7	-1.7	98	42	0.85			16.7	-1.7		396040.33	6908987.44	1203
1124844	23/08/2016	173946	9	N	1325		24	16	-0.4	99	70	0.96			16	-0.4		396046.83	6908997.72	1200
1124844	23/08/2016	174030	9	N	1337.5		24	16.6	-2.7	98	52	0.89			16.6	-2.7		396052.49	6909008.45	1197
1124844	23/08/2016	174114	9	N	1350		24	23.4	1.6	98	44	0.86			23.4	1.6		396059.57	6909019.22	1194
1124844	23/08/2016	174150	9	N	1362.5		24	23.7	4.6	98	43	0.85			23.7	4.6		396066.26	6909027.83	1192
1124844	23/08/2016	174230	9	N	1375		24	30.9	6.8	98	41	0.85			30.9	6.8		396074.73	6909038.07	1188
1124844	23/08/2016	174314	9	N	1387.5		24	32.2	7.3	98	29	0.82			32.2	7.3	Better value	396081.76	6909047.75	1186
1124844	23/08/2016	174338	9	N	1387.5		24	31.1	6.1	99	31	0.82	1					396081.91	6909047.68	1186
1124844	23/08/2016	174522	9	N	1400		24	33.3	9.3	98	53	0.89			33.3	9.3		396089.49	6909056.89	1184
1124844	23/08/2016	174606	9	N	1412.5		24	31.6	6.8	98	65	0.94			31.6	6.8		396097.75	6909067.23	1181
1124844	23/08/2016	174646	9	N	1425		24	29.9	6	99	53	0.89			29.9	6		396103.38	6909076.51	1177
1124844	23/08/2016	174726	9	N	1437.5		24	27.8	4.2	98	49	0.87	1					396110.38	6909085.97	1175
1124844	23/08/2016	174926	9	N	1437.5		24	29.2	5	98	50	0.88			29.2	5	Better signal	396110.68	6909085.79	1175
1124844	23/08/2016	174950	9	N	1437.5		24	27.3	4.8	99	43	0.86	1					396110.69	6909085.79	1175
1124844	23/08/2016	175014	9	N	1437.5		24	27.1	4.7	99	44	0.86	1					396110.69	6909085.78	1175
8042728	22/08/2016	232746	11	N	0		24	-27.5	-14.2	-127	127	0.71	2				Double reading	395478.72	6907843	1109
8042728	22/08/2016	232806	11	N	0		24	-16	-10.1	-100	71	0.97			-16	-10.1		395478.71	6907841.72	1108
8042728	22/08/2016	232906	11	N	12.5		24	-16.3	-10.6	-107	62	0.98			-16.3	-10.6		395484.53	6907852.89	1110
8042728	22/08/2016	232946	11	N	25		24	-14.5	-6.8	-106	65	0.99			-14.5	-6.8		395490.66	6907863.06	1114
8042728	22/08/2016	233034	11	N	37.5		24	-16.8	-9.3	-106	53	0.94			-16.8	-9.3		395498.61	6907871.6	1115
8042728	22/08/2016	233126	11	N	50		24	-19.3	-12.8	-103	46	0.9			-19.3	-12.8		395506.62	6907881.7	1121
8042728	22/08/2016	233210	11	N	62.5		24	-21.4	-13.4	-105	53	0.94			-21.4	-13.4		395512.35	6907893.11	1125
8042728	22/08/2016	233306	11	N	75		24	-22.1	-12.2	-102	56	0.93			-22.1	-12.2		395520.95	6907903.82	1123
8042728	22/08/2016	233350	11	N	87.5		24	-24.9	-13.3	-99	60	0.92			-24.9	-13.3		395526.14	6907914.21	1127
8042728	22/08/2016	233434	11	N	100		24	-22.9	-10.9	-107	63	0.98			-22.9	-10.9		395532.41	6907922.63	1129
8042728	22/08/2016	233530	11	N	112.5		24	-22.9	-11.1	-105	64	0.98			-22.9	-11.1		395539.64	6907933.31	1132
8042728	22/08/2016	233646	11	N	125		24	-20.1	-5.4	-114	49	0.99			-20.1	-5.4		395546.92	6907945.59	1133
8042728	22/08/2016	233730	11	N	137.5		24	-16.2	-3.3	-108	44	0.93			-16.2	-3.3		395553.57	6907956.01	1136
8042728	22/08/2016	233818	11	N	150		24	-19.7	-5.6	-109	51	0.96			-19.7	-5.6		395561.08	6907961.13	1134
8042728	22/08/2016	233942	11	N	162.5		24	-19.7	-6.2	-104	42	0.89			-19.7	-6.2		395567.64	6907972.16	1136
8042728	22/08/2016	234046	11	N	175		24	-24.8	-6.9	-102	63	0.96			-24.8	-6.9		395578.34	6907983.14	1140
8042728	22/08/2016	234130	11	N	187.5		24	-22.9	-8.4	-109	58	0.98			-22.9	-8.4		395583.84	6907989.34	1141
8042728	22/08/2016	234238	11	N	200		24	-24.6	-8.1	-107	51	0.95			-24.6	-8.1		395592.55	6907998.22	1144
8042728	22/08/2016	234558	11	N	212.5		24	-23.2	-3.8	-118	51	1.02			-23.2	-3.8		395603.2	6908011.24	1143
8042728	22/08/2016	234726	11	N	225		24	-19.2	-2.7	-112	43	0.95			-19.2	-2.7		395612.67	6908022.64	1143
8042728	22/08/2016	234810	11	N	237.5		24	-20.5	-1.4	-114	51	0.99			-20.5	-1.4		395613.69	6908029.71	1145
8042728	22/08/2016	234914	11	N	250		24	-21.9	-4.4	-114	46	0.98			-21.9	-4.4		395620.71	6908038.79	1148
8042728	22/08/2016	234958	11	N	262.5		24	-23.4	-4.1	-111	51	0.97			-23.4	-4.1		395627.34	6908047.64	1149
8042728	22/08/2016	235106	11	N	275		24	-25.7	-3.9	-106	60	0.97			-25.7	-3.9		395634.4	6908058.32	1153
8042728	22/08/2016	235150	11	N	287.5		24	-27.9	-6.6	-107	58	0.97			-27.9	-6.6		395640.86	6908070.32	1154
8042728	22/08/2016	235250	11	N	300		24	-33	-8.9	-104	67	0.98			-33	-8.9		395646.33	6908080.7	1154
8042728	22/08/2016	235334	11	N	312.5		24	-35	-11.5	-102	72	0.99			-35	-11.5		395652.29	6908088.98	1157
8042728	22/08/2016	235506	11	N	325	Large Gap between station 325 and station 312.5	24	-29.3	-4.3	-113	70	1.05			-29.3	-4.3		395661.78	6908104.41	1159
8042728	22/08/2016	235538	11	N	337.5		24	-28.3	-5.6	-110	75	1.06			-28.3	-5.6		395667.26	6908111.39	1161
8042728	22/08/2016	235642	11	N	350		24	-25	-2.1	-116	41	0.98			-25	-2.1		395673	6908119.4	1159
8042728	22/08/2016	235742	11	N	362.5		24	-27.6	-4.3	-120	62	1.07			-27.6	-4.3		395680.34	6908132.02	1165
8042728	22/08/2016	235850	11	N	375		24	-25.7	-2.4	-119	47	1.02			-25.7	-2.4		395686.83	6908140.59	1166

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	235954	11	N	387.5		24	-24.6	-1.9	-116	43	0.99			-24.6	-1.9		395696.07	6908148.32	1167
8042728	22/08/2016	42	11	N	400		24	-21.2	-0.5	-123	61	0.69			-21.2	-0.5		395707.23	6908158.02	1167
8042728	22/08/2016	126	11	N	412.5		24	-15.6	1.6	-65	27	1.12			-15.6	1.6		395713.64	6908164.69	1168
8042728	22/08/2016	230	11	N	425		24	-19.8	0.8	-55	39	1.08			-19.8	0.8		395721.11	6908177.13	1172
8042728	22/08/2016	318	11	N	437.5		24	-20.4	-3.3	-56	38	1.08			-20.4	-3.3		395725.72	6908187.75	1171
8042728	22/08/2016	410	11	N	450		24	-19.4	0.7	-62	34	1.13			-19.4	0.7		395731.74	6908197.53	1172
8042728	22/08/2016	458	11	N	462.5		24	-16.6	0.1	-66	32	1.16			-16.6	0.1		395739.69	6908209.28	1177
8042728	22/08/2016	550	11	N	475		24	-17	-3.2	-64	29	1.12			-17	-3.2		395745.87	6908215.59	1175
8042728	22/08/2016	654	11	N	487.5		24	-16.3	-1.7	-59	34	1.09			-16.3	-1.7		395753.53	6908227.39	1178
8042728	22/08/2016	746	11	N	500		24	-15.5	-0.9	-62	32	1.11			-15.5	-0.9		395760.62	6908236.95	1177
8042728	22/08/2016	830	11	N	512.5		24	-13.7	-0.1	-64	28	1.12			-13.7	-0.1		395768.89	6908244.87	1179
8042728	22/08/2016	926	11	N	525		24	-12.3	-2.2	-64	32	1.15			-12.3	-2.2		395776.65	6908256.22	1181
8042728	22/08/2016	1010	11	N	537.5		24	-6.4	0.9	-63	34	1.15			-6.4	0.9		395784.01	6908265.36	1181
8042728	22/08/2016	1050	11	N	550		24	-0.5	5.5	-68	36	1.23			-0.5	5.5		395789.48	6908275.23	1185
8042728	22/08/2016	1146	11	N	562.5		24	1.2	3.5	-64	30	1.12			1.2	3.5		395797.83	6908288.01	1186
8042728	22/08/2016	1234	11	N	575		24	1.2	3.4	-60	26	1.05			1.2	3.4		395806.23	6908296.76	1185
8042728	22/08/2016	1330	11	N	587.5		24	-1.6	1	-54	29	0.98			-1.6	1		395811.63	6908305.95	1189
8042728	22/08/2016	1430	11	N	600		24	-3.9	-0.3	-53	26	0.94			-3.9	-0.3		395816.57	6908317.01	1190
8042728	22/08/2016	1446	11	N	600		24	-2.6	-0.7	-52	29	0.96	2				Double reading	395816.54	6908317.34	1190
8042728	23/08/2016	163222	11	N	612.5		24	-7.2	-0.8	66	32	1.17			-7.2	-0.8		395826.03	6908325.8	1190
8042729	23/08/2016	163538	11	N	625		24	-5.2	2	61	33	1.1			-5.2	2		395833.63	6908335.03	1191
8042730	23/08/2016	164158	11	N	637.5		24	-14	-0.4	55	32	1.01			-14	-0.4		395848.98	6908359.56	1195
8042731	23/08/2016	164242	11	N	650		24	-14.2	-1.9	50	39	1.01			-14.2	-1.9		395851.52	6908369.07	1197
8042732	23/08/2016	164402	11	N	662.5		24	-19.8	-1	56	33	1.04			-19.8	-1		395855.75	6908379.74	1200
8042733	23/08/2016	164450	11	N	675		24	-21.5	-5.3	53	32	0.99			-21.5	-5.3		395860.71	6908386.72	1203
8042734	23/08/2016	164554	11	N	687.5		24	-20	-6.5	58	27	1.03			-20	-6.5		395863.51	6908391.49	1200
8042735	23/08/2016	164818	11	N	700		24	-21.2	-1.9	53	35	1.02			-21.2	-1.9		395871.72	6908398.1	1201
8042736	23/08/2016	164906	11	N	712.5		24	-23.8	-1.3	56	28	1.01			-23.8	-1.3		395877.31	6908409.34	1201
8042737	23/08/2016	164954	11	N	725		24	-26.3	-5.4	61	24	1.04			-26.3	-5.4		395884.21	6908419.43	1204
8042738	23/08/2016	165122	11	N	737.5		24	-30.4	-6.8	59	26	1.03			-30.4	-6.8		395890.73	6908426.72	1206
8042739	23/08/2016	165250	11	N	750		24	-33.9	-8.2	54	31	0.99			-33.9	-8.2		395900.53	6908433.57	1207
8042740	23/08/2016	165406	11	N	762.5		24	-37.9	-9.5	61	26	1.06			-37.9	-9.5		395906.38	6908442.54	1208
8042741	23/08/2016	165506	11	N	775		24	-41.5	-13.9	49	41	1.02			-41.5	-13.9		395913.95	6908453.43	1209
8042742	23/08/2016	165614	11	N	787.5		24	-40.3	-11.3	117	68	1.08			-40.3	-11.3		395918.28	6908464.57	1212
8042743	23/08/2016	165710	11	N	800		24	-45.1	-13.5	122	70	1.12			-45.1	-13.5		395925.34	6908475.31	1213
8042744	23/08/2016	165814	11	N	812.5		24	-49.5	-17.3	57	42	1.13			-49.5	-17.3		395932.14	6908486.8	1215
8042745	23/08/2016	165902	11	N	825		24	-45.1	-16.3	66	44	1.26			-45.1	-16.3		395940.3	6908494.72	1213
8042746	23/08/2016	170002	11	N	837.5		24	-31.4	-4.8	47	62	1.24			-31.4	-4.8		395945.17	6908505.19	1214
8042747	23/08/2016	170102	11	N	850		24	-26.2	0.9	72	43	1.34			-26.2	0.9		395953.13	6908515.84	1216
8042748	23/08/2016	170202	11	N	862.5		24	-27.4	-2.2	59	53	1.27			-27.4	-2.2		395960.16	6908523.97	1216
8042749	23/08/2016	170246	11	N	875		24	-21.4	1.7	75	42	1.36			-21.4	1.7		395968.16	6908535.14	1217
8042750	23/08/2016	170350	11	N	887.5		24	-17.1	5.1	73	44	1.35			-17.1	5.1		395975.68	6908544.79	1218
8042751	23/08/2016	170438	11	N	900		24	-15.9	4.7	69	43	1.3			-15.9	4.7		395981.88	6908553.49	1219
8042752	23/08/2016	170534	11	N	912.5		24	-16.9	2.1	71	39	1.29			-16.9	2.1		395989.8	6908563.61	1220
8042753	23/08/2016	170634	11	N	925		24	-16.3	2.4	72	40	1.31			-16.3	2.4		395996.89	6908572.98	1218
8042754	23/08/2016	170758	11	N	937.5		24	-12	1.5	62	51	1.28			-12	1.5		396004.57	6908583.43	1220
8042755	23/08/2016	170854	11	N	950		24	-6.9	3.5	62	50	1.28			-6.9	3.5		396014.48	6908592.41	1220
8042756	23/08/2016	170938	11	N	962.5		24	-9.2	2.8	61	44	1.2			-9.2	2.8		396019.76	6908603.18	1222
8042757	23/08/2016	171018	11	N	975		24	-9.8	1.1	63	43	1.22			-9.8	1.1		396028.18	6908612.89	1221
8042758	23/08/2016	171126	11	N	987.5		24	-14.3	-2	64	43	1.23			-14.3	-2		396037.24	6908625.74	1222
8042759	23/08/2016	171214	11	N	1000		24	-15.1	-4.3	70	36	1.25			-15.1	-4.3		396042.22	6908633.3	1223
8042760	23/08/2016	171254	11	N	1012.5		24	-16.6	-7.5	79	23	1.32			-16.6	-7.5		396049.73	6908641.61	1223
8042761	23/08/2016	171358	11	N	1025		24	-19.2	-8.1	74	38	1.33			-19.2	-8.1		396058.63	6908650.82	1223
8042762	23/08/2016	171450	11	N	1037.5		24	-20	-8.9	68	45	1.31			-20	-8.9		396067.08	6908660.08	1223
8042763	23/08/2016	171650	11	N	1050		24	-21.3	-11.2	68	51	1.36			-21.3	-11.2		396073.41	6908669.05	1222
8042764	23/08/2016	171802	11	N	1062.5		24	-20.2	-13.5	61	65	1.42			-20.2	-13.5		396078.87	6908682.11	1223
8042765	23/08/2016	171942	11	N	1075		24	-9.9	-10.1	50	69	1.36			-9.9	-10.1		396084.91	6908691.19	1225

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042766	23/08/2016	172046	11	N	1087.5		24	5.5	-4.4	68	59	1.43			5.5	-4.4		396095.72	6908703.67	1226
8042767	23/08/2016	172154	11	N	1100		24	9	-3.6	82	42	1.47			9	-3.6		396099.86	6908713.86	1227
8042768	23/08/2016	172310	11	N	1112.5		24	10.3	-5.2	69	51	1.37			10.3	-5.2		396111.89	6908729.65	1227
8042769	23/08/2016	172354	11	N	1125		24	12.8	-3.1	69	49	1.35			12.8	-3.1		396118.18	6908740.75	1227
8042770	23/08/2016	172650	11	N	1137.5		24	14.4	-3.4	74	50	1.43			14.4	-3.4		396120.45	6908748.26	1227
8042771	23/08/2016	172802	11	N	1150		24	14.5	-1.6	82	43	1.47			14.5	-1.6		396126	6908756.74	1227
8042772	23/08/2016	172906	11	N	1162.5		24	15.1	-1.6	75	49	1.43			15.1	-1.6		396133.88	6908766.81	1227
8042773	23/08/2016	172946	11	N	1175		24	15.7	-1.1	69	46	1.33			15.7	-1.1		396139.08	6908775.13	1228
8042774	23/08/2016	173042	11	N	1187.5		24	14.9	-1.3	79	41	1.42			14.9	-1.3		396143.51	6908782.47	1227
8042775	23/08/2016	173142	11	N	1200		24	16.7	1.6	74	41	1.34			16.7	1.6		396150.87	6908792.17	1228
8042776	23/08/2016	173238	11	N	1212.5		24	16.5	2.5	68	43	1.29			16.5	2.5		396157.25	6908801.93	1228
8042777	23/08/2016	173334	11	N	1225		24	15.3	5	75	38	1.34			15.3	5		396165.95	6908814.52	1228
8042778	23/08/2016	173418	11	N	1237.5		24	15	4	66	41	1.24			15	4		396172.59	6908824.94	1230
8042779	23/08/2016	173614	11	N	1250		24	12.6	4.5	70	36	1.26			12.6	4.5		396181.39	6908836.42	1229
8042780	23/08/2016	173710	11	N	1262.5		24	12.8	5.8	71	36	1.27			12.8	5.8		396185.79	6908843.06	1228
8042781	23/08/2016	173802	11	N	1275		24	12.4	5.2	73	36	1.29			12.4	5.2		396194.48	6908853.84	1224
8042782	23/08/2016	173914	11	N	1287.5		24	10	7.7	74	35	1.3			10	7.7		396202.78	6908865.27	1220
8042783	23/08/2016	173950	11	N	1300		24	9.5	7	71	34	1.27			9.5	7		396208.93	6908873.93	1218
8042784	23/08/2016	174034	11	N	1312.5		24	8.9	7.1	71	34	1.25			8.9	7.1		396216.33	6908882.48	1215
8042785	23/08/2016	174126	11	N	1325		24	6.1	7.7	70	34	1.24			6.1	7.7		396223.34	6908892.2	1210
8042786	23/08/2016	174226	11	N	1337.5		24	5.7	6.9	66	43	1.26			5.7	6.9		396231.91	6908900.81	1205
8042787	23/08/2016	174326	11	N	1350		24	4.4	7.5	72	36	1.29			4.4	7.5		396237.46	6908907.88	1201
8042788	23/08/2016	174422	11	N	1362.5		24	3.6	7.5	73	32	1.27			3.6	7.5		396245.17	6908918.55	1197
8042789	23/08/2016	174614	11	N	1375		24	0.6	3.4	70	39	1.27			0.6	3.4		396255.11	6908930.33	1193
8042790	23/08/2016	174658	11	N	1387.5		24	-1.9	1.3	71	40	1.3			-1.9	1.3		396261.99	6908938.13	1191
8042791	23/08/2016	174734	11	N	1400		24	2.4	4.9	68	53	1.38	1					396270.18	6908946.92	1189
8042792	23/08/2016	174754	11	N	1400		24	2.2	4.2	70	51	1.38			2.2	4.2	Most Reasonable	396270.1	6908947.1	1189
8042793	23/08/2016	174810	11	N	1400		24	1.1	4	68	53	1.38	1					396270.06	6908947.06	1190
8042794	23/08/2016	174854	11	N	1412.5		24	11.3	9.8	70	46	1.34			11.3	9.8		396276.54	6908956.25	1188
8042795	23/08/2016	174942	11	N	1425		24	15.6	11.5	74	41	1.35			15.6	11.5		396283.28	6908965.77	1186
8042796	23/08/2016	175010	11	N	1437.5		24	19	12.8	74	43	1.37			19	12.8		396290.18	6908974.65	1183
8042797	23/08/2016	175046	11	N	1450		24	25.9	16.1	73	37	1.31			25.9	16.1		396297.53	6908984.82	1181
8042798	23/08/2016	175122	11	N	1462.5		24	28	16.5	70	39	1.28			28	16.5		396303.81	6908993.78	1178
8042799	23/08/2016	175158	11	N	1475		24	32.1	16.1	64	38	1.19			32.1	16.1		396312.95	6909003.96	1176
8042800	23/08/2016	175254	11	N	1487.5		24	32.9	14.5	64	34	1.16			32.9	14.5		396319.67	6909016.24	1174
8042801	23/08/2016	175358	11	N	1500		24	31.2	14.1	62	34	1.13			31.2	14.1		396325.31	6909025.34	1172
8042802	23/08/2016	175442	11	N	1512.5		24	29.5	11.5	67	32	1.19			29.5	11.5		396332.13	6909035.19	1170
8042803	23/08/2016	175542	11	N	1525		24	25.8	10.4	68	25	1.15			25.8	10.4		396338.78	6909045.13	1169
8042804	23/08/2016	175618	11	N	1537.5		24	23.2	9.8	61	31	1.1			23.2	9.8		396346.25	6909056.74	1166
8042805	23/08/2016	175702	11	N	1550		24	21.8	7.3	66	27	1.13			21.8	7.3		396352.32	6909066.39	1165
8042806	23/08/2016	175738	11	N	1562.5		24	18.3	6.9	65	29	1.14			18.3	6.9		396361.47	6909078.68	1162
8042807	23/08/2016	175842	11	N	1575		24	15.6	6.7	69	25	1.18			15.6	6.7		396367.56	6909085.2	1160
8042808	23/08/2016	175938	11	N	1587.5		24	15.1	6.3	71	21	1.18			15.1	6.3		396374.36	6909095.91	1158
8042809	23/08/2016	180014	11	N	1600		24	13.3	8.1	64	31	1.14			13.3	8.1		396380.52	6909105.7	1156
8042810	23/08/2016	180050	11	N	1612.5		24	12	8.1	68	28	1.18			12	8.1		396388.61	6909117.15	1155
8042811	23/08/2016	180130	11	N	1625		24	12	7.2	70	24	1.19			12	7.2		396395.57	6909125.89	1152
8042812	23/08/2016	180202	11	N	1637.5		24	9	9	68	27	1.17			9	9		396402.67	6909136.21	1150
8042813	23/08/2016	180238	11	N	1650		24	7.2	8.3	71	29	1.22			7.2	8.3		396409.96	6909146.98	1148
8042814	23/08/2016	180310	11	N	1662.5		24	7.2	8	68	35	1.21			7.2	8		396417.53	6909156.21	1147
8042815	23/08/2016	180346	11	N	1675		24	8.6	9	70	30	1.21			8.6	9		396425.84	6909166.38	1144
8042816	23/08/2016	180422	11	N	1687.5		24	7.6	10.6	69	35	1.23			7.6	10.6		396435.36	6909178.05	1143
8042817	23/08/2016	180454	11	N	1700		24	8.9	10.8	67	39	1.23			8.9	10.8		396440.71	6909185.92	1142
8042818	23/08/2016	180526	11	N	1712.5		24	11	10.5	71	34	1.26			11	10.5		396447.09	6909194.19	1140
8042819	23/08/2016	180558	11	N	1725		24	11.1	10.7	67	37	1.22			11.1	10.7		396454.47	6909206.54	1138
8042820	23/08/2016	180626	11	N	1737.5		24	13	11.8	69	35	1.23			13	11.8		396461.84	6909216.21	1135
8042821	23/08/2016	180702	11	N	1750		24	15.1	12.4	67	35	1.21			15.1	12.4		396470.28	6909227.41	1133
8042822	23/08/2016	180734	11	N	1762.5		24	16.4	12	65	36	1.19			16.4	12		396477.6	6909236.85	1130

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042823	23/08/2016	180810	11	N	1775		24	17.2	12.8	70	32	1.23			17.2	12.8		396484	6909245.25	1128
8042824	23/08/2016	180846	11	N	1787.5		24	18.3	12	67	35	1.21			18.3	12		396491	6909256.06	1127
8042825	23/08/2016	180910	11	N	1787.5		24	18.9	10.9	66	34	1.18	1					396491.03	6909256.52	1127
8042826	23/08/2016	180942	11	N	1800		24	18.9	11.5	67	33	1.19			18.9	11.5	Best Signal	396497.79	6909266.45	1125
8042827	23/08/2016	181018	11	N	1812.5		24	19.4	10.8	72	28	1.23			19.4	10.8		396505.03	6909275.92	1123
8042828	23/08/2016	181054	11	N	1825		24	20.4	11	66	31	1.17			20.4	11		396512.41	6909286.22	1120
8042829	23/08/2016	181222	11	N	1837.5		24	18.2	10.7	64	31	1.14			18.2	10.7		396518.85	6909294.51	1119
8042830	23/08/2016	181302	11	N	1850		24	17.9	11.2	68	27	1.16			17.9	11.2		396528.02	6909305.96	1115
8042831	23/08/2016	181334	11	N	1862.5		24	16.1	12	62	35	1.14			16.1	12		396535.63	6909316.13	1113
8042832	23/08/2016	181406	11	N	1875		24	13.9	11.4	65	30	1.15			13.9	11.4		396542.69	6909326.01	1108
8042833	23/08/2016	181442	11	N	1887.5		24	13.1	10.4	64	34	1.16			13.1	10.4		396549.82	6909334.12	1108
8042834	23/08/2016	181534	11	N	1900		24	12.1	9.7	65	33	1.16			12.1	9.7		396554.91	6909343.26	1108
8042835	23/08/2016	181610	11	N	1912.5		24	11.2	6.9	62	40	1.18	1				Best Signal	396559	6909355.68	1105
8042836	23/08/2016	181626	11	N	1912.5		24	12	6.5	64	37	1.19			12	6.5		396558.99	6909355.58	1105
1124844	23/08/2016	220110	13	N	0		24	-14.1	-5.6	97	26	0.8			-14.1	-5.6	Best Signal	395650.49	6907724.93	1064
1124844	23/08/2016	220146	13	N	0		24	-14.8	-8.1	97	19	0.79	1					395650.29	6907724.39	1063
1124844	23/08/2016	220034	13	N	12.5		24	-18.6	-9.3	92	32	0.77			-18.6	-9.3		395655.67	6907734.92	1068
1124844	23/08/2016	215958	13	N	25		24	-16.8	-10	95	19	0.77			-16.8	-10		395660.61	6907744.74	1070
1124844	23/08/2016	215922	13	N	37.5		24	-17.9	-11.4	98	4	0.78			-17.9	-11.4		395668.47	6907754.44	1074
1124844	23/08/2016	215846	13	N	50		24	-19.2	-13.8	96	9	0.77			-19.2	-13.8		395677.21	6907764.28	1074
1124844	23/08/2016	215802	13	N	62.5		24	-20	-14.1	95	22	0.78			-20	-14.1		395685.23	6907777	1078
1124844	23/08/2016	215702	13	N	75		24	-19.6	-16	95	15	0.76			-19.6	-16		395688.33	6907787.96	1077
1124844	23/08/2016	215610	13	N	87.5		24	-21.3	-15.1	94	25	0.77			-21.3	-15.1		395695.24	6907796.78	1080
1124844	23/08/2016	215454	13	N	100		24	-22.1	-15.5	98	8	0.78			-22.1	-15.5		395703.11	6907804.86	1082
1124844	23/08/2016	215414	13	N	112.5		24	-22.9	-18.7	93	24	0.77			-22.9	-18.7		395708.4	6907817.1	1087
1124844	23/08/2016	215330	13	N	125		24	-20.7	-12.8	98	2	0.78			-20.7	-12.8		395715.65	6907826.91	1088
1124844	23/08/2016	215250	13	N	137.5		24	-20.6	-15.1	98	14	0.78			-20.6	-15.1		395724.2	6907834.91	1087
1124844	23/08/2016	215134	13	N	150		24	-22.7	-12.9	96	28	0.79			-22.7	-12.9		395731.91	6907844.61	1085
1124844	23/08/2016	215054	13	N	162.5		24	-24.4	-17.3	96	13	0.77			-24.4	-17.3		395740.79	6907852.36	1085
1124844	23/08/2016	215006	13	N	175		24	-24.8	-12.5	95	30	0.79			-24.8	-12.5		395751	6907859.95	1090
1124844	23/08/2016	214934	13	N	187.5		24	-26.2	-13.7	88	31	0.74			-26.2	-13.7		395754.61	6907869.11	1096
1124844	23/08/2016	214858	13	N	200		24	-24.9	-13.9	93	28	0.77			-24.9	-13.9		395759.31	6907878.98	1099
1124844	23/08/2016	214822	13	N	212.5		24	-27.9	-12.7	83	37	0.73			-27.9	-12.7		395764.86	6907890.63	1102
1124844	23/08/2016	214746	13	N	225		24	-24.6	-13.3	96	12	0.77			-24.6	-13.3		395767.94	6907901.56	1105
1124844	23/08/2016	214658	13	N	237.5		24	-28.1	-13.8	92	27	0.76			-28.1	-13.8		395772.55	6907913.11	1109
1124844	23/08/2016	214626	13	N	250		24	-27.9	-11.9	93	24	0.77			-27.9	-11.9		395778.36	6907923.24	1112
1124844	23/08/2016	214542	13	N	262.5		24	-28.9	-7.3	97	-13	0.78			-28.9	-7.3		395783.21	6907932.94	1113
1124844	23/08/2016	214506	13	N	275		24	-26.9	-9.6	96	-24	0.78			-26.9	-9.6		395794.6	6907939.82	1114
1124844	23/08/2016	214426	13	N	287.5		24	-31.3	-11.8	99	5	0.78			-31.3	-11.8		395798.09	6907950.66	1117
1124844	23/08/2016	214346	13	N	300		24	-33.3	-10	98	10	0.79			-33.3	-10		395804.73	6907961.58	1117
1124844	23/08/2016	214302	13	N	312.5		24	-35.2	-12.3	98	10	0.78			-35.2	-12.3		395813.19	6907970.66	1120
1124844	23/08/2016	214230	13	N	325		24	-34.5	-9.7	98	-6	0.78			-34.5	-9.7		395821.2	6907977.88	1120
1124844	23/08/2016	214158	13	N	337.5		24	-38.2	-11.4	98	23	0.8			-38.2	-11.4		395828.12	6907989.02	1123
1124844	23/08/2016	214118	13	N	350		24	-39	-10.1	99	-3	0.78			-39	-10.1		395835.14	6907997.85	1122
1124844	23/08/2016	214030	13	N	362.5		24	-40.5	-9	99	19	0.8			-40.5	-9		395846.13	6908007.44	1125
1124844	23/08/2016	213950	13	N	375		24	-40	-9.2	98	32	0.82			-40	-9.2		395849.47	6908018.12	1126
1124844	23/08/2016	213858	13	N	387.5		24	-41.5	-7.8	99	24	0.81			-41.5	-7.8		395855.34	6908029.57	1127
1124844	23/08/2016	213822	13	N	400		24	-45.2	-7.9	99	11	0.79			-45.2	-7.9		395863.17	6908039.21	1128
1124844	23/08/2016	213734	13	N	412.5		24	-43.2	-5.9	99	26	0.81			-43.2	-5.9		395870.43	6908047.19	1128
1124844	23/08/2016	213426	13	N	425		24	-46.3	-7.4	99	0	0.78			-46.3	-7.4		395877	6908058.22	1129
1124844	23/08/2016	213318	13	N	437.5		24	-39.8	-4.8	98	46	0.86			-39.8	-4.8		395886.6	6908067.65	1131
1124844	23/08/2016	213158	13	N	450		24	-43.5	-6.1	99	30	0.82			-43.5	-6.1		395891.5	6908076.95	1131
1124844	23/08/2016	212818	13	N	462.5		24	-46.1	-9	99	22	0.8			-46.1	-9		395900.74	6908085.13	1133
1124844	23/08/2016	212742	13	N	475		24	-37.3	-5.9	99	42	0.85			-37.3	-5.9		395909.77	6908096.34	1134
1124844	23/08/2016	212654	13	N	487.5		24	-37.5	-5.4	99	42	0.85			-37.5	-5.4		395915.82	6908107.03	1138
1124844	23/08/2016	212558	13	N	500		24	-36.9	-5.9	99	40	0.85			-36.9	-5.9		395921.42	6908116.47	1137
1124844	23/08/2016	212506	13	N	512.5		24	-38	-5.8	99	30	0.82			-38	-5.8		395930.6	6908125.37	1139

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	23/08/2016	212358	13	N	525		24	-44.1	-10.5	98	-9	0.79			-44.1	-10.5		395939.12	6908135.55	1140
1124844	23/08/2016	212326	13	N	537.5		24	-42	-13.6	99	37	0.84			-42	-13.6		395948.28	6908145.47	1142
1124844	23/08/2016	212246	13	N	550		24	-34.1	-13.9	99	38	0.84			-34.1	-13.9		395954.61	6908156.43	1145
1124844	23/08/2016	212030	13	N	562.5		24	-29.7	-16.3	98	48	0.87			-29.7	-16.3		395961.46	6908166.74	1148
1124844	23/08/2016	211938	13	N	575		24	-25.5	-16.9	98	26	0.81			-25.5	-16.9		395969.15	6908177.92	1151
1124844	23/08/2016	211726	13	N	587.5		24	-15.9	-10.8	98	49	0.87			-15.9	-10.8		395969.56	6908190.04	1154
1124844	23/08/2016	211602	13	N	600		24	-14.9	-11.8	98	55	0.89			-14.9	-11.8		395977.16	6908198.96	1156
1124844	23/08/2016	211522	13	N	612.5		24	-14.8	-13.7	98	31	0.82			-14.8	-13.7		395983.92	6908209.75	1159
1124844	23/08/2016	211442	13	N	625		24	-15.5	-13.6	98	28	0.81			-15.5	-13.6		395991.11	6908220.32	1161
1124844	23/08/2016	211402	13	N	637.5		24	-16	-11.9	99	22	0.8			-16	-11.9		395998.33	6908230.86	1162
1124844	23/08/2016	211322	13	N	650		24	-14	-7.3	98	28	0.81			-14	-7.3		396007.41	6908239.72	1164
1124844	23/08/2016	211246	13	N	662.5		24	-12.9	-7.5	98	34	0.83			-12.9	-7.5		396012.5	6908251.71	1167
1124844	23/08/2016	211214	13	N	675		24	-12.4	-4.9	99	20	0.8			-12.4	-4.9		396018.34	6908261.01	1170
1124844	23/08/2016	211110	13	N	687.5		24	-13.3	-3.6	98	17	0.79			-13.3	-3.6		396026.43	6908273.39	1171
1124844	23/08/2016	211002	13	N	700		24	-13.6	-4.5	98	-9	0.79			-13.6	-4.5		396031.5	6908281.83	1172
1124844	23/08/2016	210722	13	N	712.5		24	-15.7	-3.6	98	29	0.82			-15.7	-3.6		396042.45	6908291.45	1175
1124844	23/08/2016	210642	13	N	725		24	-18	-4.7	98	12	0.79			-18	-4.7		396050.15	6908303.53	1177
1124844	23/08/2016	210606	13	N	737.5		24	-20.2	-3.6	98	30	0.82			-20.2	-3.6		396058.64	6908313.33	1178
1124844	23/08/2016	210522	13	N	750		24	-18	2.1	98	21	0.8			-18	2.1		396064.82	6908323.94	1180
1124844	23/08/2016	210402	13	N	762.5		24	-18.1	3.7	98	16	0.79	1					396071.96	6908335.8	1182
1124844	23/08/2016	210422	13	N	762.5		24	-22.1	3.3	92	50	0.83			-22.1	3.3	Best Signal	396071.67	6908335.91	1181
1124844	23/08/2016	210318	13	N	775		24	-21.4	4.4	98	26	0.81			-21.4	4.4		396081.41	6908343.56	1182
1124844	23/08/2016	210242	13	N	787.5		24	-25.4	3.2	98	34	0.83			-25.4	3.2		396088.52	6908354.45	1186
1124844	23/08/2016	210202	13	N	800		24	-29.9	1.1	98	17	0.79			-29.9	1.1		396093.73	6908364.7	1186
1124844	23/08/2016	210054	13	N	812.5		24	-33.8	0.7	98	32	0.82			-33.8	0.7	Best Signal	396102.92	6908375.54	1187
1124844	23/08/2016	210110	13	N	812.5		24	-34.5	-0.5	98	29	0.81	1					396102.31	6908375.97	1189
1124844	23/08/2016	210018	13	N	825		24	-34.4	-0.8	98	32	0.82			-34.4	-0.8		396107.21	6908387.79	1187
1124844	23/08/2016	205942	13	N	837.5		24	-40.6	-3	98	30	0.81			-40.6	-3		396114.23	6908397.44	1188
1124844	23/08/2016	205830	13	N	850		24	-44.4	-5	98	41	0.85			-44.4	-5		396121.39	6908409.53	1190
1124844	23/08/2016	205738	13	N	862.5		24	-49.1	-8.4	98	28	0.81			-49.1	-8.4		396126.72	6908420.91	1192
1124844	23/08/2016	205630	13	N	875		24	-46.7	-3.4	98	46	0.86			-46.7	-3.4		396135.2	6908430.19	1192
1124844	23/08/2016	205534	13	N	887.5		24	-35.2	-1.6	99	73	0.97			-35.2	-1.6		396144.45	6908438.42	1192
1124844	23/08/2016	205442	13	N	900		24	-20.6	3.6	98	72	0.97			-20.6	3.6		396149.98	6908449.02	1192
1124844	23/08/2016	205402	13	N	912.5		24	-15.1	3	98	74	0.98			-15.1	3		396156.37	6908461.19	1192
1124844	23/08/2016	205322	13	N	925		24	-12.4	1.4	98	57	0.9			-12.4	1.4		396163.97	6908471.21	1193
1124844	23/08/2016	205214	13	N	937.5		24	-11.7	1.1	99	57	0.91			-11.7	1.1		396170.03	6908482.74	1195
1124844	23/08/2016	205130	13	N	950		24	-13.8	-3.3	98	36	0.83			-13.8	-3.3		396176.55	6908493.68	1196
1124844	23/08/2016	205038	13	N	962.5		24	-12.6	-2.3	99	31	0.82			-12.6	-2.3		396185.81	6908501.7	1196
1124844	23/08/2016	204954	13	N	975		24	-10.6	-5.7	98	59	0.91			-10.6	-5.7		396193.35	6908511	1198
1124844	23/08/2016	204918	13	N	987.5		24	-13.4	-9.7	98	37	0.84			-13.4	-9.7		396200.2	6908521.04	1199
1124844	23/08/2016	204842	13	N	1000		24	-12.3	-13.7	98	44	0.86			-12.3	-13.7		396209.44	6908532.29	1200
1124844	23/08/2016	204750	13	N	1012.5		24	-11.6	-14.4	98	24	0.81			-11.6	-14.4	Best Signal	396213.93	6908540.41	1202
1124844	23/08/2016	204810	13	N	1012.5		24	-10.6	-13.9	98	20	0.8	1					396213.81	6908539.91	1202
1124844	23/08/2016	204702	13	N	1025		24	-5.4	-11.4	98	50	0.88			-5.4	-11.4		396219.28	6908549.98	1203
1124844	23/08/2016	204622	13	N	1037.5		24	-1.6	-9.9	98	51	0.88			-1.6	-9.9		396227.73	6908562.56	1205
1124844	23/08/2016	204514	13	N	1050		24	-2.4	-10.6	98	38	0.84			-2.4	-10.6		396235.49	6908571.96	1206
1124844	23/08/2016	204434	13	N	1062.5		24	-0.4	-11	98	47	0.87			-0.4	-11		396243.89	6908580.12	1207
1124844	23/08/2016	204346	13	N	1075		24	-1.5	-11.4	98	61	0.92			-1.5	-11.4		396249.57	6908590.63	1208
1124844	23/08/2016	204310	13	N	1087.5		24	-4	-13.3	99	54	0.89			-4	-13.3		396255.73	6908600.93	1209
1124844	23/08/2016	204234	13	N	1100		24	-7.6	-16.7	98	30	0.82			-7.6	-16.7		396261.59	6908612.23	1209
1124844	23/08/2016	204046	13	N	1112.5		24	-8.2	-17	98	25	0.81			-8.2	-17		396269.75	6908622.4	1211
1124844	23/08/2016	204010	13	N	1125		24	-13.2	-18.4	98	31	0.82			-13.2	-18.4		396277.28	6908630.47	1211
1124844	23/08/2016	203938	13	N	1137.5		24	-11.6	-17.3	98	27	0.81			-11.6	-17.3		396284.6	6908638.33	1212
1124844	23/08/2016	203850	13	N	1150		24	-10.3	-15.1	98	45	0.86			-10.3	-15.1		396294.03	6908649.61	1213
1124844	23/08/2016	203818	13	N	1162.5		24	-11.7	-15.4	98	24	0.81			-11.7	-15.4		396298.47	6908659.49	1214
1124844	23/08/2016	203742	13	N	1175		24	-9.9	-14.6	98	54	0.89			-9.9	-14.6		396306.46	6908670.74	1214
1124844	23/08/2016	203706	13	N	1187.5		24	-11.3	-16.7	98	46	0.87			-11.3	-16.7		396310.69	6908682.27	1216

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	23/08/2016	203110	13	N	1200		24	-14	-16.9	98	51	0.88			-14	-16.9		396316.97	6908689.52	1215
1124844	23/08/2016	203034	13	N	1212.5		24	-8.2	-12.6	98	32	0.82			-8.2	-12.6		396320.24	6908700.78	1216
1124844	23/08/2016	202954	13	N	1225		24	-5.9	-12.1	98	13	0.79			-5.9	-12.1		396327.7	6908711.76	1217
1124844	23/08/2016	202854	13	N	1237.5		24	-5.8	-8.8	98	35	0.83			-5.8	-8.8		396335.9	6908718.85	1215
1124844	23/08/2016	202702	13	N	1250		24	4.2	-2.6	98	37	0.83			4.2	-2.6		396343.69	6908729.48	1216
1124844	23/08/2016	202610	13	N	1262.5		24	8.1	0.1	98	21	0.8			8.1	0.1		396352.36	6908738.72	1216
1124844	23/08/2016	202522	13	N	1275		24	3.2	-2.7	99	84	1.03			3.2	-2.7		396362.98	6908747.91	1215
1124844	23/08/2016	202446	13	N	1287.5		24	6.9	2.1	99	92	1.08			6.9	2.1		396367.31	6908758.87	1216
1124844	23/08/2016	202358	13	N	1300		24	7.1	2.1	99	62	0.93			7.1	2.1		396371.83	6908770	1215
1124844	23/08/2016	202310	13	N	1312.5		24	16.4	7.1	98	43	0.85			16.4	7.1		396379.4	6908779.46	1217
1124844	23/08/2016	202234	13	N	1325		24	18.6	11.2	99	55	0.9			18.6	11.2		396386.76	6908789.95	1218
1124844	23/08/2016	202146	13	N	1337.5		24	17.8	13.7	98	38	0.84			17.8	13.7		396393.84	6908798.85	1218
1124844	23/08/2016	201938	13	N	1350		24	18.3	15.1	99	-16	0.79			18.3	15.1		396402.95	6908809.42	1220
1124844	23/08/2016	201738	13	N	1362.5		24	19.1	16.1	99	-19	0.8			19.1	16.1		396411.58	6908815.86	1221
1124844	23/08/2016	201634	13	N	1375		24	10.4	12.3	99	38	0.84			10.4	12.3		396412.82	6908828.08	1217
1124844	23/08/2016	201306	13	N	1387.5		24	13.9	14.6	99	30	0.82			13.9	14.6		396418.19	6908837.19	1211
1124844	23/08/2016	201158	13	N	1400		24	11.9	14.3	99	-10	0.79			11.9	14.3		396423.84	6908844.73	1208
1124844	23/08/2016	201030	13	N	1412.5		24	9.6	14	99	0	0.78			9.6	14		396433.09	6908854.95	1204
1124844	23/08/2016	200850	13	N	1425		24	6	11.2	99	33	0.83			6	11.2		396442.34	6908861.49	1204
1124844	23/08/2016	200750	13	N	1437.5		24	2.6	10	99	47	0.87			2.6	10		396447.05	6908871.3	1199
1124844	23/08/2016	200626	13	N	1450		24	-5.3	6.9	66	84	0.85			-5.3	6.9		396453.32	6908880.49	1196
1124844	23/08/2016	200530	13	N	1462.5		24	-6	1.1	99	49	0.88			-6	1.1		396459.73	6908890.04	1193
1124844	23/08/2016	200446	13	N	1475		24	-9.1	-1.2	99	56	0.9			-9.1	-1.2		396465.52	6908899.78	1191
1124844	23/08/2016	200406	13	N	1487.5		24	9	11.3	99	61	0.92			9	11.3		396472.92	6908909.18	1188
1124844	23/08/2016	200330	13	N	1500		24	20.6	16	99	46	0.87			20.6	16		396479.31	6908920.88	1187
1124844	23/08/2016	200238	13	N	1512.5		24	23.9	16.5	99	52	0.88			23.9	16.5		396485.75	6908931.48	1186
1124844	23/08/2016	200118	13	N	1525		24	20.5	14.1	99	63	0.93			20.5	14.1		396493.69	6908940.29	1183
1124844	23/08/2016	200030	13	N	1537.5		24	23.6	14	99	36	0.83			23.6	14		396499.9	6908951.61	1181
1124844	23/08/2016	195950	13	N	1550		24	20.9	11.9	99	45	0.86			20.9	11.9		396506.9	6908961.49	1179
1124844	23/08/2016	195906	13	N	1562.5		24	15.9	9.3	99	51	0.88			15.9	9.3		396514.15	6908971.42	1176
1124844	23/08/2016	195826	13	N	1575		24	15.7	8.2	99	51	0.88			15.7	8.2		396521.44	6908980.3	1175
1124844	23/08/2016	195742	13	N	1587.5		24	14.3	7.4	99	41	0.85			14.3	7.4		396527.47	6908990.53	1174
1124844	23/08/2016	195658	13	N	1600		24	10.3	5.4	99	39	0.84			10.3	5.4		396535.95	6909000.91	1171
1124844	23/08/2016	195614	13	N	1612.5		24	6.1	3.2	98	46	0.86			6.1	3.2		396544.86	6909009.75	1170
1124844	23/08/2016	195534	13	N	1625		24	7	4.4	99	29	0.82			7	4.4		396549.37	6909020.45	1167
1124844	23/08/2016	195458	13	N	1637.5		24	3.4	3.2	97	52	0.87			3.4	3.2		396557.64	6909029.62	1165
1124844	23/08/2016	195414	13	N	1650		24	5.8	5.5	99	51	0.88			5.8	5.5		396563.56	6909041.23	1163
1124844	23/08/2016	195334	13	N	1662.5		24	7.8	7	98	53	0.89			7.8	7		396569.92	6909051.42	1160
1124844	23/08/2016	195238	13	N	1675		24	10.1	7.6	97	56	0.89			10.1	7.6		396576.78	6909061.65	1158
1124844	23/08/2016	195154	13	N	1687.5		24	13	10.6	99	33	0.83			13	10.6		396582.96	6909072.25	1156
1124844	23/08/2016	195110	13	N	1700		24	11.7	8.9	99	46	0.87			11.7	8.9		396589.82	6909083.5	1154
1124844	23/08/2016	195022	13	N	1712.5		24	11.7	8.9	99	42	0.85			11.7	8.9		396595.6	6909093.29	1152
1124844	23/08/2016	194942	13	N	1725		24	12.8	8.8	99	35	0.83			12.8	8.8		396604.26	6909102.32	1150
1124844	23/08/2016	194902	13	N	1737.5		24	13.9	9	99	41	0.85			13.9	9		396611.7	6909111.91	1148
1124844	23/08/2016	194758	13	N	1750		24	16.6	11.6	99	34	0.83			16.6	11.6		396619.71	6909120.8	1144
1124844	23/08/2016	194714	13	N	1762.5		24	15.3	10.2	99	35	0.83			15.3	10.2		396626.87	6909131.22	1142
1124844	23/08/2016	194634	13	N	1775		24	13.7	10	99	27	0.81			13.7	10		396633.97	6909140.21	1139
1124844	23/08/2016	194546	13	N	1787.5		24	12.7	9.7	99	40	0.85			12.7	9.7		396641.49	6909150.54	1137
1124844	23/08/2016	194458	13	N	1800		24	9.4	11.3	47	22	0.83			9.4	11.3		396649.11	6909159.25	1135
1124844	23/08/2016	194410	13	N	1812.5		24	5.8	11	52	21	0.89			5.8	11		396655.11	6909170.69	1133
1124844	23/08/2016	193318	13	N	1825		24	18.8	18.2	101	101	0.56	2					396663.52	6909180.07	1133
1124844	23/08/2016	193638	13	N	1825		24	18	19.4	100	99	0.56	2					396664.65	6909178.35	1128
1124844	23/08/2016	194042	13	N	1825		24	7.2	10.1	60	20	1.02			7.2	10.1		396664.5	6909178.35	1129
1124844	23/08/2016	194258	13	N	1825		24	7.1	10.7	60	14	0.99	1					396664.19	6909177.99	1130
1124844	23/08/2016	193038	13	N	1837.5		24	16.1	19	101	101	0.57	1					396671.11	6909191.79	1130
1124844	23/08/2016	193206	13	N	1837.5		24	21.6	19.8	101	101	0.56	9					396670.8	6909191.55	1130
1124844	23/08/2016	192942	13	N	1850		24	23.8	23.4	101	100	0.56	9					396676.25	6909202.62	1127

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	23/08/2016	192854	13	N	1862.5		24	28.8	29.4	100	95	0.55	9				Cable unplugged	396683.13	6909213.93	1125
1124844	23/08/2016	192810	13	N	1875		24	24.5	27.7	101	100	0.56	9				Cable unplugged	396688.64	6909222.1	1121
1124844	23/08/2016	192654	13	N	1887.5		24	41.6	48.3	99	47	0.43	9				Cable unplugged	396694.16	6909231.69	1117
1124844	23/08/2016	192502	13	N	1900		24	21.9	30.7	101	100	0.56	1				Cable unplugged	396702.63	6909242.29	1113
8042994	23/08/2016	215554	15	N	0		24	-2.5	-2	113	52	0.99			-2.5	-2		395814.39	6907643.17	1062
8042993	23/08/2016	215458	15	N	12.5		24	5	-1.6	82	78	0.9			5	-1.6		395820.14	6907656.16	1066
8042992	23/08/2016	215418	15	N	25		24	10.4	-1.5	87	70	0.89			10.4	-1.5		395825.17	6907666.74	1068
8042991	23/08/2016	215342	15	N	37.5		24	10.1	-0.7	82	76	0.89			10.1	-0.7		395832.92	6907675.19	1071
8042990	23/08/2016	215254	15	N	50		24	9.4	-2.1	83	69	0.86			9.4	-2.1		395840.18	6907686.2	1074
8042989	23/08/2016	215142	15	N	62.5		24	11	-1.3	65	73	0.78			11	-1.3		395843.78	6907697.18	1073
8042988	23/08/2016	215054	15	N	75		24	7.3	-2.9	72	68	0.79			7.3	-2.9		395850.89	6907707.37	1077
8042987	23/08/2016	214958	15	N	87.5		24	6.1	-4.2	87	58	0.83			6.1	-4.2		395856.17	6907714.44	1085
8042986	23/08/2016	214926	15	N	100		24	6.6	-4.7	77	63	0.79			6.6	-4.7		395866.12	6907723.97	1082
8042985	23/08/2016	214854	15	N	112.5		24	8.2	-3.6	73	65	0.78			8.2	-3.6		395871.93	6907730.48	1086
8042984	23/08/2016	214826	15	N	125		24	8	-2.1	82	56	0.79			8	-2.1		395876.66	6907738.95	1087
8042983	23/08/2016	214746	15	N	137.5		24	6.1	-4.5	71	60	0.74			6.1	-4.5		395883.18	6907750.19	1092
8042982	23/08/2016	214702	15	N	150		24	1.4	-6.2	72	59	0.74			1.4	-6.2		395889.5	6907763.61	1095
8042981	23/08/2016	214630	15	N	162.5		24	-1.6	-8	66	59	0.7			-1.6	-8		395894.74	6907769.6	1099
8042980	23/08/2016	214546	15	N	175		24	-5	-8.6	78	54	0.75			-5	-8.6		395900.46	6907780.8	1105
8042979	23/08/2016	214506	15	N	187.5		24	-5.2	-7.4	79	54	0.76			-5.2	-7.4		395909.52	6907791.49	1102
8042976	23/08/2016	214358	15	N	200		24	-4.9	-8.2	78	62	0.8			-4.9	-8.2	Bad Signal	395914.48	6907799.74	1103
8042977	23/08/2016	214418	15	N	200		24	-4.8	-7.6	71	67	0.78	1					395913.92	6907798.61	1105
8042978	23/08/2016	214434	15	N	200		24	-5.8	-8.2	67	67	0.75	1					395913.83	6907798.78	1104
8042975	23/08/2016	214318	15	N	212.5		24	-6.1	-7.4	83	60	0.81			-6.1	-7.4		395922.95	6907812.65	1107
8042974	23/08/2016	214230	15	N	225		24	-4.4	-3.5	105	44	0.9			-4.4	-3.5		395929.63	6907824	1108
8042973	23/08/2016	213846	15	N	237.5		24	-4.9	-1.9	92	55	0.85			-4.9	-1.9		395940.45	6907832.53	1113
8042972	23/08/2016	213750	15	N	250		24	-6.1	-1.9	83	62	0.83			-6.1	-1.9		395948.44	6907842.83	1115
8042971	23/08/2016	213714	15	N	262.5		24	-8.1	-1.5	81	62	0.81			-8.1	-1.5		395956.03	6907854.13	1116
8042970	23/08/2016	213634	15	N	275		24	-9.1	-2.4	82	65	0.83			-9.1	-2.4		395960.33	6907863.21	1117
8042969	23/08/2016	213546	15	N	287.5		24	-12	-4.9	92	52	0.84			-12	-4.9		395969.25	6907872.54	1118
8042968	23/08/2016	213506	15	N	300		24	-11.8	-3	96	50	0.86			-11.8	-3		395975.43	6907879.32	1121
8042967	23/08/2016	213422	15	N	312.5		24	-8.9	1.1	95	51	0.86			-8.9	1.1		395983.64	6907889.84	1123
8042966	23/08/2016	213346	15	N	325		24	-13.6	0.9	82	59	0.8			-13.6	0.9		395990.65	6907898.81	1128
8042965	23/08/2016	213302	15	N	337.5		24	-18.3	-1.8	83	57	0.8			-18.3	-1.8		395997.23	6907908.58	1129
8042964	23/08/2016	213218	15	N	350		24	-19.9	-2.3	88	61	0.85			-19.9	-2.3		396006.49	6907920.93	1136
8042963	23/08/2016	213150	15	N	362.5		24	-22.4	-0.7	83	63	0.83			-22.4	-0.7		396012.56	6907930.27	1137
8042962	23/08/2016	213114	15	N	375		24	-23	0.1	84	66	0.85			-23	0.1		396017.15	6907939.25	1138
8042961	23/08/2016	213030	15	N	387.5		24	-23	2.6	83	61	0.82			-23	2.6		396023.64	6907946.58	1142
8042960	23/08/2016	212934	15	N	400		24	-22.9	1.5	96	55	0.88			-22.9	1.5		396030.71	6907959.53	1143
8042959	23/08/2016	212842	15	N	412.5	Beginns to travel off line to the east	24	-26.4	1.5	105	45	0.9			-26.4	1.5		396038.65	6907971.61	1145
8042958	23/08/2016	212802	15	N	425		24	-27.2	1.8	101	51	0.9			-27.2	1.8		396047.58	6907978.45	1145
8042957	23/08/2016	212722	15	N	437.5		24	-31.9	0	109	42	0.93			-31.9	0		396059.36	6907985.31	1149
8042956	23/08/2016	212650	15	N	450		24	-31.5	-0.3	114	48	0.98			-31.5	-0.3		396067.41	6907991.05	1149
8042954	23/08/2016	212602	15	N	462.5		24	-35.2	-1.4	97	68	0.94			-35.2	-1.4	Best Signal	396077.45	6907997.56	1154
8042955	23/08/2016	212618	15	N	462.5		24	-36	-0.9	85	77	0.91	1					396077.49	6907997.57	1153
8042953	23/08/2016	212518	15	N	475		24	-37.4	-1.5	94	80	0.98			-37.4	-1.5		396086.28	6908008.71	1156
8042952	23/08/2016	212434	15	N	487.5		24	-37.3	-2.1	91	88	1			-37.3	-2.1		396091.2	6908018.69	1158
8042951	23/08/2016	212358	15	N	500		24	-33.7	-2.7	89	102	1.07			-33.7	-2.7		396097.28	6908027.11	1159
8042950	23/08/2016	212322	15	N	512.5		24	-27.8	-1.3	86	111	1.12			-27.8	-1.3		396105.71	6908036.96	1163
8042949	23/08/2016	212242	15	N	525		24	-22.2	-1.1	109	108	1.22			-22.2	-1.1		396109.14	6908045.16	1162
8042948	23/08/2016	212158	15	N	537.5		24	6.8	6.4	127	127	0.71			6.8	6.4		396117.29	6908057.1	1165
8042947	23/08/2016	212114	15	N	550		24	-22.1	-3.8	63	-82	0.41	9				Signal drop, poor data point	396120.31	6908066.54	1163
8042946	23/08/2016	212002	15	N	562.5		24	-21.2	3.9	29	-40	0.39	9				Signal drop, poor data point	396119.7	6908082.5	1164
8042945	23/08/2016	211846	15	N	575	Back on line after traveling off line	24	23.6	8.9	79	96	0.99			23.6	8.9		396119.11	6908091.91	1165
8042944	23/08/2016	211750	15	N	587.5		24	20.2	2.1	96	79	0.99			20.2	2.1		396130.32	6908105.11	1168
8042943	23/08/2016	211718	15	N	600		24	18.6	-1.1	90	72	0.91			18.6	-1.1		396135.62	6908113.18	1168
8042942	23/08/2016	211638	15	N	612.5		24	18.4	-0.7	88	71	0.9			18.4	-0.7		396143.32	6908124.53	1168

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042941	23/08/2016	211610	15	N	625		24	14.7	-0.6	77	75	0.86			14.7	-0.6		396148.92	6908130.73	1168
8042940	23/08/2016	211510	15	N	637.5		24	8.6	-3.4	91	63	0.88			8.6	-3.4		396155.8	6908146.86	1172
8042939	23/08/2016	211438	15	N	650		24	1.8	-4	89	65	0.88			1.8	-4		396161.19	6908155.5	1172
8042938	23/08/2016	211338	15	N	662.5		24	0.2	-5.8	77	71	0.83			0.2	-5.8		396168.33	6908164.91	1173
8042937	23/08/2016	211306	15	N	675		24	-1.6	-6.4	77	71	0.83			-1.6	-6.4		396173.71	6908174.79	1172
8042936	23/08/2016	211222	15	N	687.5		24	-4.1	-3.4	83	71	0.87			-4.1	-3.4		396182.46	6908186.76	1173
8042935	23/08/2016	211134	15	N	700		24	-9.3	-7.3	87	67	0.87			-9.3	-7.3		396188.97	6908196.92	1174
8042933	23/08/2016	211030	15	N	712.5		24	-7.8	-4.1	88	66	0.87	1					396193.61	6908203.06	1175
8042934	23/08/2016	211046	15	N	712.5		24	-7.9	-4	87	67	0.87			-7.9	-4	Doupplicate	396193.18	6908203.16	1175
8042932	23/08/2016	210742	15	N	725		24	-11.9	-2.3	92	60	0.87			-11.9	-2.3		396203.95	6908216.31	1176
8042931	23/08/2016	210654	15	N	737.5		24	-14.7	-5.8	92	60	0.87			-14.7	-5.8		396212.97	6908227.1	1178
8042930	23/08/2016	210618	15	N	750		24	-18.9	-6.6	97	52	0.87			-18.9	-6.6		396219.37	6908237.66	1179
8042929	23/08/2016	210526	15	N	762.5		24	-21.9	-7.1	76	71	0.82			-21.9	-7.1		396225.31	6908245.75	1178
8042928	23/08/2016	210446	15	N	775		24	-27.5	-7.7	84	67	0.86			-27.5	-7.7		396231.64	6908256.27	1177
8042927	23/08/2016	210406	15	N	787.5		24	-29.7	-8.9	90	66	0.89			-29.7	-8.9		396240.9	6908267.65	1178
8042926	23/08/2016	210326	15	N	800		24	-32.2	-7.5	86	71	0.89			-32.2	-7.5		396246.19	6908275.83	1178
8042925	23/08/2016	210238	15	N	812.5		24	-29.9	-3.3	85	76	0.91			-29.9	-3.3		396254.37	6908285.14	1178
8042924	23/08/2016	210158	15	N	825		24	-28	0	87	77	0.92			-28	0		396260.95	6908293.51	1179
8042923	23/08/2016	210114	15	N	837.5		24	-30	0.3	87	79	0.93			-30	0.3		396269.16	6908307.53	1177
8042922	23/08/2016	210038	15	N	850		24	-30.8	0.1	82	88	0.96			-30.8	0.1		396276.77	6908314.35	1178
8042921	23/08/2016	205930	15	N	862.5		24	-25.2	2.9	90	87	1			-25.2	2.9		396284.14	6908327.51	1179
8042920	23/08/2016	205830	15	N	875		24	-23.5	3.4	89	95	1.03			-23.5	3.4		396289.88	6908337.4	1180
8042919	23/08/2016	205750	15	N	887.5		24	-22.8	2.1	95	92	1.05			-22.8	2.1		396297.04	6908349.08	1182
8042918	23/08/2016	205714	15	N	900		24	-20.8	1.2	103	89	1.08			-20.8	1.2		396303.08	6908357.57	1183
8042917	23/08/2016	205622	15	N	912.5		24	-15.9	-0.1	94	107	1.13			-15.9	-0.1		396311.39	6908365.37	1184
8042916	23/08/2016	205534	15	N	925		24	-16.1	-2.3	92	104	1.1			-16.1	-2.3		396317.36	6908371.46	1185
8042915	23/08/2016	205458	15	N	937.5		24	-10.9	-4.6	114	102	1.21			-10.9	-4.6		396322.51	6908381.2	1186
8042914	23/08/2016	205422	15	N	950		24	-2.4	-7.2	106	115	1.24			-2.4	-7.2		396331.83	6908394.85	1187
8042913	23/08/2016	205338	15	N	962.5		24	5.4	-10.1	116	115	1.29			5.4	-10.1		396339.72	6908406.8	1189
8042912	23/08/2016	205250	15	N	975		24	13	-10.4	110	114	1.26			13	-10.4		396346.18	6908417.51	1192
8042911	23/08/2016	204834	15	N	987.5		24	23.5	-10.5	117	105	1.25			23.5	-10.5		396357.83	6908434.33	1192
8042910	23/08/2016	204802	15	N	1000		24	28.2	-10.7	94	105	1.12			28.2	-10.7		396365.49	6908445.15	1194
8042909	23/08/2016	204710	15	N	1012.5		24	30.4	-8.8	112	91	1.15			30.4	-8.8		396375.22	6908458.76	1196
8042908	23/08/2016	204634	15	N	1025		24	30.1	-8.7	117	85	1.15			30.1	-8.7		396379.37	6908464.57	1197
8042907	23/08/2016	204458	15	N	1037.5		24	27.3	-9.6	110	78	1.07			27.3	-9.6		396385.16	6908472.41	1196
8042906	23/08/2016	204406	15	N	1050		24	26.3	-9.1	109	76	1.05			26.3	-9.1		396390.49	6908482.46	1197
8042905	23/08/2016	204314	15	N	1062.5		24	21.3	-10.4	107	75	1.04			21.3	-10.4		396399.65	6908494.24	1199
8042904	23/08/2016	204234	15	N	1075		24	19.2	-12.7	102	70	0.99			19.2	-12.7		396407.1	6908505.95	1200
8042902	23/08/2016	204042	15	N	1087.5		24	17.2	-13.4	101	74	1			17.2	-13.4	Best Signal	396411.66	6908513.28	1201
8042903	23/08/2016	204058	15	N	1087.5		24	16.9	-13.7	98	74	0.98	1					396411.51	6908511.65	1202
8042901	23/08/2016	203950	15	N	1100		24	15.5	-12.4	108	70	1.02			15.5	-12.4		396419.2	6908524.35	1201
8042900	23/08/2016	203902	15	N	1112.5		24	13.8	-12.1	105	79	1.04			13.8	-12.1		396426.09	6908534.24	1202
8042899	23/08/2016	203822	15	N	1125		24	13.6	-10.2	108	72	1.03			13.6	-10.2		396434.09	6908547.21	1205
8042898	23/08/2016	203746	15	N	1137.5		24	10.2	-12	110	73	1.05			10.2	-12		396440.23	6908554.22	1205
8042897	23/08/2016	203638	15	N	1150		24	9.5	-11.5	107	78	1.05			9.5	-11.5		396447.62	6908565.71	1205
8042896	23/08/2016	203554	15	N	1162.5		24	8.5	-9.7	47	41	1			8.5	-9.7		396455.68	6908576.04	1207
8042895	23/08/2016	203514	15	N	1175		24	7.2	-9.7	51	40	1.04			7.2	-9.7		396462.06	6908584.41	1208
8042894	23/08/2016	203402	15	N	1187.5		24	5.3	-10.5	58	35	1.08			5.3	-10.5		396466.77	6908592.98	1208
8042893	23/08/2016	203322	15	N	1200		24	4.1	-10.1	58	40	1.12			4.1	-10.1		396473.96	6908603.79	1207
8042892	23/08/2016	203238	15	N	1212.5		24	3.7	-10.7	60	36	1.12			3.7	-10.7		396481.6	6908615.04	1208
8042891	23/08/2016	203202	15	N	1225		24	1.8	-10.9	57	43	1.14			1.8	-10.9		396487.98	6908624.34	1210
8042890	23/08/2016	203102	15	N	1237.5		24	1.4	-10.7	58	45	1.17			1.4	-10.7		396496.85	6908634.65	1211
8042889	23/08/2016	203026	15	N	1250		24	0.4	-11.2	52	49	1.15			0.4	-11.2		396500.53	6908643.51	1210
8042888	23/08/2016	202554	15	N	1262.5		24	0.7	-10.8	63	44	1.22			0.7	-10.8		396510.18	6908655.14	1208
8042887	23/08/2016	202506	15	N	1275		24	1	-9.3	65	46	1.28			1	-9.3		396515.79	6908664.39	1210
8042886	23/08/2016	202410	15	N	1287.5		24	4	-6.4	61	46	1.22			4	-6.4		396522.97	6908674.78	1210
8042885	23/08/2016	202322	15	N	1300		24	4.1	-6.8	68	43	1.28			4.1	-6.8		396530.44	6908686.57	1211

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042884	23/08/2016	202234	15	N	1312.5		24	7.5	-4	63	44	1.23			7.5	-4		396535.91	6908695.41	1211
8042883	23/08/2016	202150	15	N	1325		24	9.5	-1.2	57	50	1.21			9.5	-1.2		396540.86	6908703.45	1211
8042882	23/08/2016	202058	15	N	1337.5		24	11.5	0	59	46	1.2			11.5	0		396547.35	6908712.81	1211
8042881	23/08/2016	201958	15	N	1350		24	12.2	0.6	58	43	1.16			12.2	0.6		396552.45	6908719.55	1211
8042880	23/08/2016	201814	15	N	1362.5		24	7.5	-2.4	71	34	1.25			7.5	-2.4		396561.68	6908731.79	1210
8042879	23/08/2016	201710	15	N	1375		24	4.2	-2.6	63	39	1.19			4.2	-2.6		396570.64	6908746.07	1209
8042878	23/08/2016	201554	15	N	1387.5		24	5.2	-2.6	70	34	1.25			5.2	-2.6		396579.2	6908756.12	1207
8042877	23/08/2016	201458	15	N	1400		24	4.9	-2.1	67	37	1.23			4.9	-2.1		396587.34	6908764.79	1206
8042876	23/08/2016	201406	15	N	1412.5		24	6.3	-1.2	57	46	1.18			6.3	-1.2		396591.88	6908773.52	1206
8042875	23/08/2016	201258	15	N	1425		24	5.6	-0.2	69	36	1.25			5.6	-0.2		396597.01	6908781.92	1205
8042874	23/08/2016	201150	15	N	1437.5		24	14.1	7.1	126	83	1.2			14.1	7.1		396605.59	6908796.33	1203
8042873	23/08/2016	201026	15	N	1450		24	14.1	8.6	49	48	1.1			14.1	8.6		396613.36	6908806.78	1201
8042872	23/08/2016	200930	15	N	1462.5		24	11.5	6.1	59	41	1.15			11.5	6.1		396617.51	6908813.47	1201
8042871	23/08/2016	200806	15	N	1475		24	10.5	6.8	64	36	1.17			10.5	6.8		396623.52	6908822.84	1199
8042870	23/08/2016	200718	15	N	1487.5		24	10.6	6.1	53	42	1.08			10.6	6.1		396630.29	6908833.36	1197
8042869	23/08/2016	200526	15	N	1500		24	5.8	3.6	53	42	1.08			5.8	3.6		396640.08	6908848.36	1196
8042868	23/08/2016	200414	15	N	1512.5		24	1.5	1	56	43	1.13			1.5	1		396648.34	6908859.14	1194
8042867	23/08/2016	200322	15	N	1525		24	2.4	0.4	61	50	1.27			2.4	0.4		396653.37	6908867.03	1192
8042866	23/08/2016	200210	15	N	1537.5		24	19.1	3.8	62	47	1.24			19.1	3.8		396660.59	6908877.77	1192
8042865	23/08/2016	200050	15	N	1550		24	18.4	2.7	73	32	1.27			18.4	2.7		396668.35	6908888.73	1190
8042864	23/08/2016	195926	15	N	1562.5		24	23	1.1	59	41	1.15			23	1.1		396675.83	6908901.21	1187
8042863	23/08/2016	195822	15	N	1575		24	29.5	1.3	60	41	1.16			29.5	1.3		396681.13	6908909.67	1186
8042862	23/08/2016	195726	15	N	1587.5		24	31.9	0.6	57	37	1.09			31.9	0.6		396687.91	6908918.85	1183
8042861	23/08/2016	195614	15	N	1600		24	29.3	-0.1	59	33	1.08			29.3	-0.1		396694.86	6908928.56	1182
8042860	23/08/2016	195450	15	N	1612.5		24	24.5	-3.4	65	24	1.1			24.5	-3.4		396703.43	6908938.77	1179
8042859	23/08/2016	195338	15	N	1625		24	24.5	-2.3	64	27	1.11			24.5	-2.3		396711.47	6908948.27	1177
8042858	23/08/2016	195242	15	N	1637.5		24	24.6	-5.4	57	36	1.08			24.6	-5.4		396718.91	6908959.04	1176
8042857	23/08/2016	195158	15	N	1650		24	30.2	-2	124	68	1.12			30.2	-2		396725.4	6908969.13	1174
8042856	23/08/2016	195058	15	N	1662.5		24	37.5	3.2	115	60	1.03			37.5	3.2		396732.19	6908979.65	1174
8042855	23/08/2016	194954	15	N	1675		24	34.7	2.8	110	58	0.98			34.7	2.8		396739.32	6908989.26	1171
8042854	23/08/2016	194850	15	N	1687.5		24	34.7	3.9	90	75	0.93			34.7	3.9		396746.08	6908999.14	1167
8042853	23/08/2016	194758	15	N	1700		24	31.3	3.1	99	66	0.94			31.3	3.1		396750.3	6909007.22	1165
8042852	23/08/2016	194654	15	N	1712.5		24	33.1	5.8	97	65	0.93			33.1	5.8		396757.56	6909016.72	1164
8042851	23/08/2016	194546	15	N	1725		24	33.1	3.6	44	34	0.89			33.1	3.6		396763.67	6909027.01	1162
8042850	23/08/2016	194458	15	N	1737.5		24	25	3.5	55	22	0.94			25	3.5		396768.8	6909035.59	1161
8042849	23/08/2016	194330	15	N	1750		24	25.2	3.7	55	30	1			25.2	3.7		396777.77	6909049.63	1161
8042848	23/08/2016	194234	15	N	1762.5		24	22.7	2.7	58	30	1.05			22.7	2.7		396786.44	6909061.37	1156
8042847	23/08/2016	194130	15	N	1775		24	21.1	2.1	67	23	1.13			21.1	2.1		396792.32	6909068.15	1156
8042846	23/08/2016	193914	15	N	1787.5		24	20.7	4.4	68	26	1.15			20.7	4.4		396800.65	6909078.79	1154
8042845	23/08/2016	193830	15	N	1800		24	20.3	4.3	68	28	1.17			20.3	4.3		396805.33	6909087.54	1151
8042844	23/08/2016	193614	15	N	1812.5		24	21.5	6.1	72	27	1.23			21.5	6.1		396811.92	6909098.91	1152
8042843	23/08/2016	193350	15	N	1825		24	22.8	8.7	65	38	1.2			22.8	8.7		396820.07	6909109.91	1151
8042841	23/08/2016	193214	15	N	1837.5		24	22.2	8.6	66	35	1.19			22.2	8.6	Best Signal	396826.23	6909119.45	1149
8042842	23/08/2016	193230	15	N	1837.5		24	22.8	9.1	63	38	1.18	1					396826.18	6909119.46	1148
8042840	23/08/2016	193034	15	N	1850		24	22.2	10.5	71	29	1.23			22.2	10.5		396832.97	6909129.25	1148
8042839	23/08/2016	192934	15	N	1862.5		24	20.3	9.3	72	27	1.22			20.3	9.3		396840.55	6909138.88	1146
8042837	23/08/2016	192742	15	N	1875		24	20.4	9.1	66	35	1.19			20.4	9.1	Bad Signal	396847.85	6909150.06	1144
8042838	23/08/2016	192758	15	N	1875		24	20.9	10.3	63	36	1.15	1					396847.84	6909150.41	1144
1124844	28/08/2016	191838	17	N	0		24	-17	-2.5	97	54	0.89			-17	-2.5		395978.11	6907529.37	1067
1124844	28/08/2016	191858	17	N	0		24	-17.1	-1.8	97	59	0.9	1					395978.25	6907529.05	1066
1124844	28/08/2016	191754	17	N	12.5		24	-17	-3.1	98	58	0.9			-17	-3.1		395983.83	6907540.72	1069
1124844	28/08/2016	191714	17	N	25		24	-13.6	-4.3	97	60	0.91			-13.6	-4.3		395990.96	6907551.04	1070
1124844	28/08/2016	191642	17	N	37.5		24	-11.8	-3.3	98	39	0.84			-11.8	-3.3		395996.93	6907562.04	1073
1124844	28/08/2016	191610	17	N	50		24	-15.1	-8.5	98	41	0.84			-15.1	-8.5		396005.74	6907571.3	1076
1124844	28/08/2016	191530	17	N	62.5		24	-12.7	-10.4	98	42	0.85			-12.7	-10.4		396013.97	6907578.82	1078
1124844	28/08/2016	191446	17	N	75		24	-9.1	-8.9	94	67	0.92			-9.1	-8.9		396017.67	6907590.88	1081
1124844	28/08/2016	191414	17	N	87.5		24	-6.2	-9.8	98	44	0.85			-6.2	-9.8		396025.76	6907600.94	1083

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	28/08/2016	191346	17	N	100		24	-5	-10.9	98	50	0.87			-5	-10.9		396031.69	6907610.06	1084
1124844	28/08/2016	191222	17	N	112.5		24	-2.7	-10.6	98	46	0.86			-2.7	-10.6		396040.89	6907621.21	1091
1124844	28/08/2016	191046	17	N	125		24	-3.2	-14.1	98	41	0.84			-3.2	-14.1		396049.96	6907624.64	1091
1124844	28/08/2016	190954	17	N	137.5		24	1.8	-10.4	98	52	0.88			1.8	-10.4		396056.39	6907635.86	1095
1124844	28/08/2016	190906	17	N	150		24	5.1	-5.8	98	56	0.89			5.1	-5.8		396062.59	6907644.44	1097
1124844	28/08/2016	190826	17	N	162.5		24	7.5	-7.4	98	41	0.84			7.5	-7.4		396068.63	6907654.82	1099
1124844	28/08/2016	190746	17	N	175		24	7.2	-7.7	97	46	0.86			7.2	-7.7		396076.34	6907665.63	1102
1124844	28/08/2016	190714	17	N	187.5		24	8	-4.8	97	44	0.85			8	-4.8		396084.25	6907675.37	1105
1124844	28/08/2016	190630	17	N	200		24	6.4	-4.8	93	49	0.84			6.4	-4.8		396089.31	6907688.19	1108
1124844	28/08/2016	190542	17	N	212.5		24	9.2	-1.3	97	39	0.83			9.2	-1.3		396098.79	6907696.94	1110
1124844	28/08/2016	190506	17	N	225		24	5.7	-1.2	93	46	0.82			5.7	-1.2		396104.97	6907705.79	1111
1124844	28/08/2016	190434	17	N	237.5		24	4.2	-1.3	90	42	0.79			4.2	-1.3		396110.06	6907717.23	1114
1124844	28/08/2016	190354	17	N	250		24	0	-2.9	91	36	0.78			0	-2.9		396114.1	6907730.96	1118
1124844	28/08/2016	190322	17	N	262.5		24	-3.7	-3.2	92	31	0.77			-3.7	-3.2		396122.96	6907738.29	1120
1124844	28/08/2016	190250	17	N	275		24	-6.7	-5.7	95	29	0.79			-6.7	-5.7		396132.35	6907747.37	1123
1124844	28/08/2016	190222	17	N	287.5		24	-10.5	-6.1	94	32	0.79			-10.5	-6.1		396141.55	6907754.43	1123
1124844	28/08/2016	190138	17	N	300		24	-8.1	-3.4	97	31	0.81			-8.1	-3.4		396150.25	6907760.71	1126
1124844	28/08/2016	190102	17	N	312.5		24	-12.6	-5.3	91	38	0.78			-12.6	-5.3		396156.23	6907770.92	1128
1124844	28/08/2016	185922	17	N	325		24	-16.4	-7.5	97	34	0.81			-16.4	-7.5		396161.51	6907783.87	1131
1124844	28/08/2016	185842	17	N	337.5		24	-18.1	-7.5	96	36	0.81			-18.1	-7.5		396167.85	6907792.32	1132
1124844	28/08/2016	185806	17	N	350		24	-17.6	-9.2	97	32	0.81			-17.6	-9.2		396176.54	6907801.39	1137
1124844	28/08/2016	185734	17	N	362.5		24	-18.6	-2.7	83	59	0.81			-18.6	-2.7		396181.63	6907810	1143
1124844	28/08/2016	185634	17	N	375		24	-15.6	1.9	95	46	0.83			-15.6	1.9		396189.73	6907819.98	1141
1124844	28/08/2016	185534	17	N	387.5		24	-14.5	3.9	98	21	0.79			-14.5	3.9		396193.1	6907832.12	1148
1124844	28/08/2016	185450	17	N	400		24	-19.7	0	97	37	0.82			-19.7	0		396197.55	6907844.68	1153
1124844	28/08/2016	185406	17	N	412.5		24	-20.2	1.9	95	41	0.82			-20.2	1.9		396204.7	6907850.69	1156
1124844	28/08/2016	185330	17	N	425		24	-24.3	-1.1	96	37	0.82			-24.3	-1.1		396211.74	6907861.4	1160
1124844	28/08/2016	185254	17	N	437.5		24	-27.8	2.1	95	49	0.85			-27.8	2.1		396220.81	6907869.88	1166
1124844	28/08/2016	185210	17	N	450		24	-31.3	0.2	83	57	0.8			-31.3	0.2		396226.01	6907878.6	1167
1124844	28/08/2016	185134	17	N	462.5		24	-32	0.7	95	44	0.84			-32	0.7		396232.63	6907889.8	1173
1124844	28/08/2016	185046	17	N	475		24	-35.9	-2.8	98	39	0.83			-35.9	-2.8		396240.7	6907899.5	1175
1124844	28/08/2016	185010	17	N	487.5		24	-38.8	-2.5	95	53	0.87			-38.8	-2.5		396248.85	6907909.1	1180
1124844	28/08/2016	184922	17	N	500		24	-41.9	-4.2	96	51	0.87			-41.9	-4.2		396254.33	6907916.49	1183
1124844	28/08/2016	184754	17	N	512.5		24	-46	-3.4	97	49	0.87			-46	-3.4		396260.21	6907927.69	1186
1124844	28/08/2016	184710	17	N	525		24	-45	-1.9	96	72	0.96			-45	-1.9		396267.47	6907937.7	1190
1124844	28/08/2016	184530	17	N	537.5		24	-53	-7.1	97	67	0.94			-53	-7.1		396273.58	6907949.04	1192
1124844	28/08/2016	184502	17	N	550		24	-28.7	-2.8	100	99	1.12			-28.7	-2.8		396281.47	6907960.03	1195
1124844	28/08/2016	184414	17	N	562.5		24	-8.4	2.7	100	100	1.12			-8.4	2.7		396289.04	6907966.35	1199
1124844	28/08/2016	184054	17	N	575		24	14.7	8.5	95	98	1.09			14.7	8.5		396297.58	6907978.89	1200
1124844	28/08/2016	184018	17	N	587.5		24	18.8	8.2	98	77	0.99			18.8	8.2		396303.67	6907989.38	1201
1124844	28/08/2016	183942	17	N	600		24	17.8	6.1	98	68	0.94			17.8	6.1		396306.6	6908002.17	1203
1124844	28/08/2016	183910	17	N	612.5		24	15	3.6	97	56	0.89			15	3.6		396315.38	6908011.09	1204
1124844	28/08/2016	183838	17	N	625		24	14.4	2.6	98	33	0.82			14.4	2.6		396322.92	6908022.4	1205
1124844	28/08/2016	183810	17	N	637.5		24	11.7	2.4	97	24	0.8			11.7	2.4		396331.55	6908030.16	1205
1124844	28/08/2016	183738	17	N	650		24	9.4	1	98	44	0.85			9.4	1		396339.12	6908040.69	1206
1124844	28/08/2016	183506	17	N	662.5		24	6.5	3.2	88	68	0.88			6.5	3.2		396347.47	6908047.25	1205
1124844	28/08/2016	183410	17	N	675		24	5.2	0.1	97	48	0.86			5.2	0.1		396352.93	6908061.16	1205
1124844	28/08/2016	183338	17	N	687.5		24	1.5	-1.2	97	48	0.86			1.5	-1.2		396361.77	6908072.25	1205
1124844	28/08/2016	183254	17	N	700		24	-1.4	1	94	58	0.88			-1.4	1		396370.6	6908079.47	1205
1124844	28/08/2016	183214	17	N	712.5		24	3.5	8	96	55	0.88			3.5	8		396376.48	6908091.16	1204
1124844	28/08/2016	183118	17	N	725		24	0.4	10.5	88	57	0.83			0.4	10.5		396383.42	6908103.7	1204
1124844	28/08/2016	183018	17	N	737.5		24	-0.3	7.5	98	44	0.85			-0.3	7.5		396389.5	6908114.52	1203
1124844	28/08/2016	182946	17	N	750		24	-1.4	10.9	98	36	0.83			-1.4	10.9		396397.28	6908124.72	1203
1124844	28/08/2016	182822	17	N	762.5		24	-14.2	17.5	96	46	0.84			-14.2	17.5		396405.53	6908134.83	1203
1124844	28/08/2016	182746	17	N	775		24	-8.5	7.8	97	43	0.85			-8.5	7.8		396412.76	6908144.62	1202
1124844	28/08/2016	182542	17	N	787.5		24	-11.5	7.3	97	38	0.83			-11.5	7.3		396419.61	6908156.96	1202
1124844	28/08/2016	182502	17	N	800		24	-12.3	9.6	95	57	0.88			-12.3	9.6		396426.13	6908167.63	1202

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	28/08/2016	182430	17	N	812.5		24	-10.4	11	97	51	0.87			-10.4	11		396434.55	6908178.75	1202
1124844	28/08/2016	182358	17	N	825		24	-13	12.9	97	48	0.86			-13	12.9		396441.43	6908189.22	1202
1124844	28/08/2016	182318	17	N	837.5		24	-15.1	13.1	98	41	0.84			-15.1	13.1		396449.94	6908200.26	1202
1124844	28/08/2016	182238	17	N	850		24	-15.4	12.5	98	45	0.85			-15.4	12.5		396457.22	6908211.37	1202
1124844	28/08/2016	182202	17	N	862.5		24	-16.2	13.7	97	49	0.86			-16.2	13.7		396464.67	6908221.22	1202
1124844	28/08/2016	182014	17	N	875		24	-21	14.5	97	37	0.83			-21	14.5		396472.59	6908231.11	1202
1124844	28/08/2016	181930	17	N	887.5		24	-19.3	12.7	97	50	0.87			-19.3	12.7		396482.19	6908239.41	1202
1124844	28/08/2016	181854	17	N	900		24	-21.4	12.1	97	53	0.88			-21.4	12.1		396489.34	6908248.1	1202
1124844	28/08/2016	181822	17	N	912.5		24	-22.6	14.8	97	50	0.87			-22.6	14.8		396496.91	6908260.19	1201
1124844	28/08/2016	181742	17	N	925		24	-23.1	12.1	97	57	0.9			-23.1	12.1		396502.79	6908268.44	1200
1124844	28/08/2016	181706	17	N	937.5		24	-18.8	11.8	98	71	0.96			-18.8	11.8		396512.01	6908281.13	1200
1124844	28/08/2016	181618	17	N	950		24	-11	15.9	83	88	0.96			-11	15.9		396518.35	6908291.32	1200
1124844	28/08/2016	181542	17	N	962.5		24	-11.8	6.7	97	57	0.9			-11.8	6.7		396523.97	6908302.52	1200
1124844	28/08/2016	181454	17	N	975		24	-4.3	7.5	97	68	0.94			-4.3	7.5		396532.26	6908313.21	1199
1124844	28/08/2016	181322	17	N	987.5		24	-7.6	7.7	47	35	0.94			-7.6	7.7		396538.56	6908322.16	1199
1124844	28/08/2016	181250	17	N	1000		24	-10.1	3.4	50	32	0.94			-10.1	3.4		396545.53	6908332.26	1199
1124844	28/08/2016	181218	17	N	1012.5		24	-11.6	-2.4	51	34	0.98			-11.6	-2.4		396553.9	6908343.46	1199
1124844	28/08/2016	181146	17	N	1025		24	-14.1	-3.5	54	32	1.01			-14.1	-3.5		396560.36	6908353.44	1199
1124844	28/08/2016	181106	17	N	1037.5		24	-12.2	-4.2	60	32	1.09			-12.2	-4.2		396568.43	6908364.59	1199
1124844	28/08/2016	181034	17	N	1050		24	-6	-2.8	61	31	1.09			-6	-2.8		396575.26	6908373.6	1199
1124844	28/08/2016	181002	17	N	1062.5		24	1.2	-1	60	33	1.1			1.2	-1		396581.93	6908384.32	1199
1124844	28/08/2016	180906	17	N	1075		24	5.6	0.6	66	31	1.16			5.6	0.6		396590.92	6908395.23	1200
1124844	28/08/2016	180814	17	N	1087.5		24	7.2	-0.2	59	29	1.04			7.2	-0.2		396599.29	6908404.57	1201
1124844	28/08/2016	180602	17	N	1100		24	10.4	0.6	57	31	1.03			10.4	0.6		396607.68	6908413.83	1199
1124844	28/08/2016	180526	17	N	1112.5		24	10.6	0.6	58	29	1.03			10.6	0.6		396615.09	6908424.25	1200
1124844	28/08/2016	180458	17	N	1125		24	10.1	1.1	55	30	1.01			10.1	1.1		396620.91	6908432.74	1201
1124844	28/08/2016	180426	17	N	1137.5		24	5.8	-0.7	54	28	0.98			5.8	-0.7		396628.46	6908444.21	1203
1124844	28/08/2016	180358	17	N	1150		24	6.3	-0.8	58	25	1			6.3	-0.8		396635.33	6908454.98	1203
1124844	28/08/2016	180318	17	N	1162.5		24	9.6	0.8	56	28	1			9.6	0.8		396642.98	6908466.83	1204
1124844	28/08/2016	180246	17	N	1175		24	9.4	0.9	53	26	0.95			9.4	0.9		396650.99	6908475.93	1205
1124844	28/08/2016	180218	17	N	1187.5		24	7.6	1.4	53	25	0.94			7.6	1.4		396657.43	6908485.67	1206
1124844	28/08/2016	180134	17	N	1200		24	6.6	0.5	52	25	0.93			6.6	0.5		396664.93	6908494.78	1206
1124844	28/08/2016	180058	17	N	1212.5		24	5.6	2.3	52	27	0.93			5.6	2.3		396672.69	6908506.29	1206
1124844	28/08/2016	180022	17	N	1225		24	3.3	0.1	52	23	0.92			3.3	0.1		396676.85	6908518.49	1208
1124844	28/08/2016	175930	17	N	1237.5		24	1.4	-0.7	56	21	0.96			1.4	-0.7		396683.58	6908528.91	1208
1124844	28/08/2016	175838	17	N	1250		24	2.1	0.9	53	24	0.93			2.1	0.9		396690.59	6908539.84	1210
1124844	21/08/2016	233202	17	N	1262.5		24	2.1	-2	99	75	0.99			2.1	-2		396697.89	6908548.74	1207
1124844	28/08/2016	175758	17	N	1262.5		24	1	1.1	54	21	0.93	1					396697.71	6908548.53	1210
1124844	21/08/2016	233050	17	N	1275		24	-1.1	-4	99	57	0.91	1					396704.33	6908559.37	1208
1124844	28/08/2016	175714	17	N	1275		24	-1.6	1	57	18	0.96			-1.6	1		396704.77	6908557.96	1209
1124844	21/08/2016	233002	17	N	1287.5		24	-0.6	-1.6	99	48	0.87	2					396712.95	6908569.62	1208
1124844	28/08/2016	175610	17	N	1287.5		24	-3.5	1.8	51	24	0.91	1					396711.8	6908568.03	1209
1124844	28/08/2016	175626	17	N	1287.5		24	-4.4	0.3	52	29	0.95			-4.4	0.3		396711.67	6908568.12	1209
1124844	21/08/2016	232922	17	N	1300		24	-8	-5.1	99	41	0.85			-8	-5.1		396718.92	6908578.92	1208
1124844	21/08/2016	232838	17	N	1312.5		24	-6.6	-2.2	99	58	0.91			-6.6	-2.2		396725.81	6908590.05	1208
1124844	21/08/2016	232802	17	N	1325		24	-11.3	-4.2	99	66	0.95			-11.3	-4.2		396732.78	6908599.38	1208
1124844	21/08/2016	232710	17	N	1337.5		24	-8.9	-4	99	84	1.03			-8.9	-4		396741.22	6908611.08	1208
1124844	21/08/2016	232630	17	N	1350		24	-10.6	-4.6	99	66	0.95			-10.6	-4.6		396745.11	6908620.46	1209
1124844	21/08/2016	232542	17	N	1362.5		24	-14	-4.4	99	69	0.96			-14	-4.4		396755.37	6908631.67	1208
1124844	21/08/2016	232418	17	N	1375		24	-8.8	1.5	99	56	0.9			-8.8	1.5		396762.68	6908641.82	1208
1124844	21/08/2016	232330	17	N	1387.5		24	-13.3	1.1	99	65	0.94			-13.3	1.1		396770.48	6908650.91	1207
1124844	21/08/2016	232246	17	N	1400		24	-8.4	1.1	99	68	0.95			-8.4	1.1		396777.64	6908661.16	1206
1124844	21/08/2016	232202	17	N	1412.5		24	-6.2	5.5	99	76	0.99			-6.2	5.5		396786.15	6908671.57	1206
1124844	21/08/2016	232102	17	N	1425		24	-2.8	8.4	99	68	0.95			-2.8	8.4		396792.33	6908681.79	1207
1124844	21/08/2016	231646	17	N	1437.5		24	-7.5	3.7	99	85	1.04			-7.5	3.7		396801.76	6908691.27	1208
1124844	21/08/2016	230854	17	N	1450		24	-10.5	-0.5	99	76	0.99			-10.5	-0.5		396808.03	6908703.52	1206
1124844	21/08/2016	230814	17	N	1462.5		24	-4.6	-2.8	101	99	1.12			-4.6	-2.8		396814.8	6908714.78	1205

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	230738	17	N	1475		24	11.8	3.8	100	98	1.12			11.8	3.8		396821.44	6908724.91	1206
1124844	21/08/2016	230654	17	N	1487.5		24	16.9	5	99	88	1.05			16.9	5		396829.19	6908735.32	1206
1124844	21/08/2016	230550	17	N	1500		24	30.1	11.9	99	87	1.05			30.1	11.9		396835.94	6908744.12	1205
1124844	21/08/2016	230442	17	N	1512.5		24	35.7	11.1	75	97	0.98	9					396843.76	6908753.55	1204
1124844	21/08/2016	230358	17	N	1525		24	29.2	9.5	99	66	0.94			29.2	9.5		396846.73	6908764.48	1203
1124844	21/08/2016	230222	17	N	1537.5		24	29.7	7.4	99	26	0.81			29.7	7.4		396854.12	6908775.34	1203
1124844	21/08/2016	230142	17	N	1550		24	20.4	5.1	99	46	0.87			20.4	5.1		396863.87	6908782.64	1203
1124844	21/08/2016	230054	17	N	1562.5		24	16.6	2.1	99	55	0.9			16.6	2.1		396871.05	6908792.23	1202
1124844	21/08/2016	230018	17	N	1575		24	10.9	1.8	99	45	0.86			10.9	1.8		396878.45	6908801.38	1202
1124844	21/08/2016	225922	17	N	1587.5		24	11	1.7	99	77	1			11	1.7		396885.76	6908811.68	1201
1124844	21/08/2016	225826	17	N	1600		24	14	3.8	99	30	0.82			14	3.8		396891.92	6908822.77	1201
1124844	21/08/2016	225750	17	N	1612.5		24	7.7	3.4	99	27	0.81			7.7	3.4		396900.4	6908832.04	1201
1124844	21/08/2016	225646	17	N	1625		24	11.4	5.5	99	60	0.92			11.4	5.5		396908.85	6908840.05	1200
1124844	21/08/2016	225606	17	N	1637.5		24	8.6	3.3	100	95	1.09			8.6	3.3		396914.18	6908852.08	1199
1124844	21/08/2016	225526	17	N	1650		24	13.1	4.4	100	97	1.11			13.1	4.4		396920.62	6908863.61	1198
1124844	21/08/2016	225442	17	N	1662.5		24	12.7	3.1	99	43	0.85			12.7	3.1		396925.83	6908873.33	1197
1124844	21/08/2016	225402	17	N	1675		24	16.4	6.4	99	63	0.93			16.4	6.4		396933.78	6908882.37	1197
1124844	21/08/2016	225318	17	N	1687.5		24	22.7	10.9	99	61	0.92			22.7	10.9		396942.11	6908890.59	1196
1124844	21/08/2016	225234	17	N	1700		24	25.2	12.9	99	49	0.87			25.2	12.9		396948.65	6908901.91	1196
1124844	21/08/2016	225154	17	N	1712.5		24	26	13.1	99	46	0.87			26	13.1		396956.95	6908910.36	1195
1124844	21/08/2016	225118	17	N	1725		24	23.9	12.6	99	64	0.93			23.9	12.6		396964.55	6908920.69	1194
1124844	21/08/2016	225026	17	N	1737.5		24	25.1	13.8	99	57	0.9			25.1	13.8		396972.35	6908930.77	1193
1124844	21/08/2016	224950	17	N	1750		24	24.4	13.4	99	67	0.95			24.4	13.4		396979.13	6908940.3	1192
1124844	21/08/2016	224902	17	N	1762.5		24	30.1	18.1	99	41	0.85			30.1	18.1		396985.36	6908950.67	1191
1124844	21/08/2016	224818	17	N	1775		24	20.6	17.5	99	43	0.85			20.6	17.5		396993.56	6908961.31	1190
1124844	21/08/2016	224714	17	N	1787.5		24	26	21.2	99	11	0.79			26	21.2		397001.22	6908971.96	1188
1124844	21/08/2016	224626	17	N	1800		24	18.5	16.7	99	13	0.79			18.5	16.7		397007.67	6908983.4	1186
1124844	21/08/2016	224538	17	N	1812.5		24	20.4	16.8	99	37	0.84			20.4	16.8		397016.12	6908990.44	1186
1124844	21/08/2016	224422	17	N	1825		24	14.8	14.3	99	52	0.89			14.8	14.3		397021.6	6909000.82	1185
1124844	21/08/2016	224146	17	N	1837.5		24	14.4	17.9	99	36	0.83			14.4	17.9		397028.39	6909010.72	1183
8042728	28/08/2016	192002	19	N	0		24	-30.2	-1.7	63	18	1.04	2					396128.68	6907405.3	1068
8042728	28/08/2016	192018	19	N	0		24	-29.8	-1.1	64	16	1.06	1					396128.63	6907405.66	1069
8042728	28/08/2016	192038	19	N	0		24	-29.7	-1.1	66	16	1.07			-29.7	-1.1		396128.4	6907405.97	1069
8042728	28/08/2016	191918	19	N	12.5		24	-25.8	-3.3	125	52	1.08			-25.8	-3.3		396139.21	6907414.83	1073
8042728	28/08/2016	191846	19	N	25		24	-22.3	-3.3	120	63	1.08			-22.3	-3.3		396146.16	6907423.42	1072
8042728	28/08/2016	191754	19	N	37.5		24	-20.3	-5.8	114	70	1.06	1					396153.74	6907433.81	1076
8042728	28/08/2016	191814	19	N	37.5		24	-19.9	-4.1	109	76	1.06			-19.9	-4.1		396152.7	6907433.93	1076
8042728	28/08/2016	191722	19	N	50		24	-17.1	-5.5	96	88	1.04			-17.1	-5.5		396159.39	6907443.17	1074
8042728	28/08/2016	191622	19	N	62.5		24	-16.6	-6.7	49	42	1.04	1					396164.49	6907457.04	1079
8042728	28/08/2016	191638	19	N	62.5		24	-15.7	-6.5	111	78	1.08			-15.7	-6.5		396164.57	6907455.13	1074
8042728	28/08/2016	191554	19	N	75		24	-14.6	-8.4	63	33	1.13			-14.6	-8.4		396170.15	6907466.53	1075
8042728	28/08/2016	191522	19	N	87.5		24	-13.1	-10.3	68	23	1.14			-13.1	-10.3		396178.19	6907473.5	1081
8042728	28/08/2016	191454	19	N	100		24	-10	-10.4	68	24	1.15			-10	-10.4		396186.16	6907483.87	1083
8042728	28/08/2016	191426	19	N	112.5		24	-9.8	-12.8	65	29	1.14			-9.8	-12.8		396194.49	6907491.4	1089
8042728	28/08/2016	191346	19	N	125		24	-7.3	-14.9	56	37	1.07			-7.3	-14.9		396202.52	6907500.29	1092
8042728	28/08/2016	191310	19	N	137.5		24	-2.2	-15.9	58	39	1.12			-2.2	-15.9		396209.12	6907510.75	1089
8042728	28/08/2016	191222	19	N	150		24	-2.7	-16.5	52	43	1.07			-2.7	-16.5		396214.95	6907521.3	1096
8042728	28/08/2016	191102	19	N	162.5		24	0.2	-15.9	57	36	1.07			0.2	-15.9		396221.92	6907532.19	1097
8042728	28/08/2016	191030	19	N	175		24	0.3	-18.3	58	34	1.07			0.3	-18.3		396228.27	6907540.42	1097
8042728	28/08/2016	190926	19	N	187.5		24	1.4	-17.9	63	30	1.12	1					396233.63	6907554.12	1103
8042728	28/08/2016	190954	19	N	187.5		24	0.4	-18.4	59	37	1.11			0.4	-18.4		396234.61	6907552.5	1102
8042728	28/08/2016	190830	19	N	200		24	1.4	-18	69	26	1.17	1					396242.94	6907562.04	1105
8042728	28/08/2016	190854	19	N	200		24	1.1	-18	68	25	1.16			1.1	-18		396243.28	6907561.51	1104
8042728	28/08/2016	190750	19	N	212.5		24	2.5	-17.8	76	9	1.22			2.5	-17.8		396252.35	6907568.91	1107
8042728	28/08/2016	190650	19	N	225		24	8	-17.4	51	44	1.08			8	-17.4		396260.51	6907576.53	1110
8042728	28/08/2016	190610	19	N	237.5		24	11.1	-17.2	126	55	1.09			11.1	-17.2		396268.28	6907582.88	1108
8042728	28/08/2016	190530	19	N	250	Location close to next station, GPS issue?	24	15.8	-14.5	84	88	0.97			15.8	-14.5		396277.79	6907600.14	1120

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	28/08/2016	190454	19	N	262.5		24	17.8	-14	95	78	0.98			17.8	-14		396281.45	6907607.12	1118
8042728	28/08/2016	190310	19	N	275		24	15.2	-12.9	109	64	1	1					396287.14	6907615.51	1117
8042728	28/08/2016	190330	19	N	275		24	14.2	-13.4	109	64	1	1					396286.34	6907612.2	1113
8042728	28/08/2016	190414	19	N	275		24	14	-13.9	110	63	1.01			14	-13.9		396287.32	6907613.55	1119
8042728	28/08/2016	190222	19	N	287.5		24	13.6	-13.3	106	62	0.97			13.6	-13.3		396295.15	6907628.75	1123
8042728	28/08/2016	190138	19	N	300		24	11.1	-13.6	88	72	0.91			11.1	-13.6		396301.7	6907640.39	1128
8042728	28/08/2016	190058	19	N	312.5		24	7.9	-13.2	116	46	0.99			7.9	-13.2		396308.35	6907646.67	1125
8042728	28/08/2016	185958	19	N	325		24	5.5	-13.5	109	46	0.94			5.5	-13.5		396316.76	6907655.44	1127
8042728	28/08/2016	185906	19	N	337.5		24	2.7	-13.4	41	35	0.86			2.7	-13.4		396321.58	6907663.53	1130
8042728	28/08/2016	185834	19	N	350		24	-3	-12.3	54	26	0.96			-3	-12.3		396327.86	6907677.96	1136
8042728	28/08/2016	185546	19	N	362.5	Taken to avoid cluster of trees	24	-3	-11.6	109	51	0.96			-3	-11.6		396343.73	6907687.78	1143
8042728	28/08/2016	185758	19	N	362.5		24	-3.1	-10.6	58	19	0.98	1					396335.08	6907692.45	1142
8042728	28/08/2016	185622	19	N	375		24	-4.7	-12.4	124	7	0.98	1					396341.31	6907701.35	1143
8042728	28/08/2016	185658	19	N	375		24	-6.5	-10.5	65	1	1.03			-6.5	-10.5		396341.92	6907696.36	1139
8042728	28/08/2016	185506	19	N	387.5		24	-6.1	-12.3	102	57	0.93			-6.1	-12.3		396353.37	6907699.74	1143
8042728	28/08/2016	185430	19	N	400		24	-10	-13.8	94	65	0.91			-10	-13.8		396359.54	6907714	1148
8042728	28/08/2016	185358	19	N	412.5		24	-14.5	-14.8	38	38	0.86			-14.5	-14.8		396361.04	6907729.05	1149
8042728	28/08/2016	185326	19	N	425		24	-17.4	-15	59	23	1.01			-17.4	-15		396364.56	6907737.29	1157
8042728	28/08/2016	185238	19	N	437.5	Above Historic Adit & Tailings	24	-10.8	-8	50	33	0.96			-10.8	-8		396371.64	6907746.09	1156
8042728	28/08/2016	185118	19	N	450	Above Historic Adit & Tailings	24	-13.3	-10.3	55	27	0.98			-13.3	-10.3		396377.38	6907753.39	1158
8042728	28/08/2016	185042	19	N	462.5	Above Historic Adit & Tailings	24	-18.6	-11.6	60	21	1.01			-18.6	-11.6		396383.32	6907764.48	1162
8042728	28/08/2016	184926	19	N	475	Above Historic Adit & Tailings	24	-28.8	-21.2	55	24	0.96			-28.8	-21.2		396389.73	6907774.14	1169
8042728	28/08/2016	184730	19	N	487.5	Above Historic Adit & Tailings	24	-28.7	-19.1	55	29	1			-28.7	-19.1		396394.84	6907783.26	1178
8042728	28/08/2016	184754	19	N	487.5	Above Historic Adit & Tailings	24	-27.5	-16.9	59	26	1.03	1					396395.49	6907783.5	1177
8042728	28/08/2016	184502	19	N	500	Above Historic Adit & Tailings	24	-19.6	-9.5	61	27	1.06			-19.6	-9.5		396404.07	6907790.36	1180
8042728	28/08/2016	184418	19	N	512.5		24	-24	-7.6	56	29	1	1					396411.25	6907802.9	1181
8042728	28/08/2016	184434	19	N	512.5		24	-22.4	-7.1	54	31	1			-22.4	-7.1		396411.3	6907803.02	1181
8042728	28/08/2016	184138	19	N	525		24	-24.3	-9.9	61	23	1.04			-24.3	-9.9		396418.18	6907810.13	1186
8042728	28/08/2016	184054	19	N	537.5		24	-24.3	-9.4	60	29	1.06			-24.3	-9.4		396427.66	6907819.8	1192
8042728	28/08/2016	184002	19	N	550		24	-24.6	-6.9	61	30	1.08			-24.6	-6.9		396434.04	6907828.09	1198
8042728	28/08/2016	183922	19	N	562.5		24	-25.2	-7.8	61	28	1.08			-25.2	-7.8		396439.69	6907837.66	1199
8042728	28/08/2016	183850	19	N	575	Above Historic Trench	24	-27.4	-10.3	56	36	1.07			-27.4	-10.3		396446.13	6907848.31	1203
8042728	28/08/2016	183758	19	N	587.5	Above Historic Trench	24	-26.9	-11.3	57	38	1.09			-26.9	-11.3		396452.85	6907856.95	1209
8042728	28/08/2016	183702	19	N	600	Above Historic Trench	24	-24.5	-11.1	61	41	1.17			-24.5	-11.1		396458.22	6907866.22	1210
8042728	28/08/2016	183542	19	N	612.5	Above Historic Trench	24	-17.8	-8.3	65	46	1.27			-17.8	-8.3		396466.07	6907877.63	1211
8042728	28/08/2016	183502	19	N	625	Above Historic Trench	24	-10.7	-6.8	73	42	1.35			-10.7	-6.8		396473.7	6907889.03	1215
8042728	28/08/2016	183430	19	N	637.5		24	-7.9	-5.3	72	42	1.33			-7.9	-5.3		396480.33	6907897.62	1216
8042728	28/08/2016	183350	19	N	650		24	-6.8	-7.8	71	45	1.34			-6.8	-7.8		396487.74	6907906.19	1217
8042728	28/08/2016	183254	19	N	662.5		24	-1.3	-4.9	70	49	1.37			-1.3	-4.9		396495.87	6907916.05	1220
8042728	28/08/2016	183222	19	N	675		24	10.7	2.7	71	50	1.39			10.7	2.7		396501.96	6907925.26	1220
8042728	28/08/2016	183142	19	N	687.5		24	25.8	10.5	67	46	1.29			25.8	10.5		396510.27	6907937.48	1221
8042728	28/08/2016	183110	19	N	700		24	24.9	10.3	69	37	1.25			24.9	10.3		396516.62	6907946.81	1221
8042728	28/08/2016	183030	19	N	712.5		24	21.9	8.4	67	32	1.19			21.9	8.4		396523.89	6907958.18	1225
8042728	28/08/2016	182950	19	N	725		24	16.5	4.1	68	26	1.17			16.5	4.1		396531.62	6907967.78	1227
8042728	28/08/2016	182858	19	N	737.5		24	15.6	5.7	68	28	1.17			15.6	5.7		396539.25	6907976.83	1230
8042728	28/08/2016	182822	19	N	750		24	14.8	7.1	67	28	1.16			14.8	7.1		396546.02	6907986.38	1231
8042728	28/08/2016	182742	19	N	762.5		24	13.8	7.2	68	21	1.13			13.8	7.2		396552.79	6907997.24	1230
8042728	28/08/2016	182534	19	N	775		24	11.7	5.3	61	30	1.09			11.7	5.3		396561.02	6908008.13	1230
8042728	28/08/2016	182422	19	N	787.5		24	9.4	5.7	64	22	1.08			9.4	5.7		396565.16	6908014.73	1229
8042728	28/08/2016	182326	19	N	800		24	5.8	2.1	61	29	1.08			5.8	2.1		396574.66	6908027.34	1226
8042728	28/08/2016	182242	19	N	812.5		24	4.4	4.5	64	28	1.11			4.4	4.5		396582.13	6908036.48	1225
8042728	28/08/2016	182146	19	N	825		24	2.7	6.7	63	24	1.07			2.7	6.7		396590.01	6908047.56	1225
8042728	28/08/2016	182202	19	N	825		24	2.5	6.6	63	22	1.06	1					396590.29	6908047.54	1224
8042728	28/08/2016	182018	19	N	837.5		24	1.6	5	62	26	1.07			1.6	5		396598.09	6908057.52	1225
8042728	28/08/2016	181946	19	N	850		24	2.5	4.1	60	32	1.08			2.5	4.1		396604.16	6908066.68	1224
8042728	28/08/2016	181902	19	N	862.5		24	0.9	6.1	59	31	1.06			0.9	6.1		396612.23	6908078.12	1223
8042728	28/08/2016	181818	19	N	875		24	-0.4	6.7	54	35	1.02			-0.4	6.7		396618.65	6908088.11	1223

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	28/08/2016	181738	19	N	887.5		24	-4.4	5.9	60	28	1.06			-4.4	5.9		396624.09	6908095.35	1223
8042728	28/08/2016	181642	19	N	900		24	-5.3	7.3	63	24	1.08			-5.3	7.3		396631.63	6908105.79	1222
8042728	28/08/2016	181558	19	N	912.5		24	-6.9	7.3	57	33	1.05			-6.9	7.3		396638.44	6908115.05	1222
8042728	28/08/2016	181454	19	N	925		24	-15.6	4.2	68	17	1.12			-15.6	4.2		396647.28	6908128.04	1221
8042728	28/08/2016	181342	19	N	937.5		24	-14.9	3.6	65	23	1.09			-14.9	3.6		396654.83	6908137.59	1220
8042728	28/08/2016	181254	19	N	950		24	-21.4	1.6	60	33	1.1			-21.4	1.6		396661.52	6908147.09	1219
8042728	28/08/2016	181222	19	N	962.5		24	-21.7	1.8	64	31	1.13			-21.7	1.8		396667.93	6908155.81	1219
8042728	28/08/2016	181126	19	N	975		24	-23.5	0	61	37	1.14			-23.5	0		396676.73	6908167.22	1219
8042728	28/08/2016	181054	19	N	987.5		24	-21.6	1.7	67	38	1.23			-21.6	1.7		396683.81	6908175.7	1218
8042728	28/08/2016	181010	19	N	1000		24	-22.2	0.2	64	44	1.24			-22.2	0.2		396693.01	6908185.29	1218
8042728	28/08/2016	180918	19	N	1012.5		24	-9.1	4.4	75	48	1.42			-9.1	4.4		396697.08	6908196.62	1217
8042728	28/08/2016	180746	19	N	1025		24	4.8	10.4	68	52	1.36			4.8	10.4		396704.18	6908206.29	1217
8042728	28/08/2016	180638	19	N	1037.5		24	13	9.9	72	43	1.33			13	9.9		396711.34	6908217.28	1217
8042728	28/08/2016	180550	19	N	1050		24	16.7	10	74	40	1.35			16.7	10		396718.19	6908225.01	1216
8042728	28/08/2016	180506	19	N	1062.5		24	21.3	9.4	71	36	1.28			21.3	9.4		396727.45	6908236.33	1216
8042728	28/08/2016	180430	19	N	1075		24	18.1	5.6	68	37	1.24			18.1	5.6		396734	6908246.65	1215
8042728	28/08/2016	180354	19	N	1087.5		24	16.3	2.6	69	34	1.22			16.3	2.6		396740.8	6908255.46	1215
8042728	28/08/2016	180318	19	N	1100		24	17.3	3.4	63	42	1.21			17.3	3.4		396746.29	6908263.58	1215
8042728	28/08/2016	180242	19	N	1112.5		24	18.2	4.4	69	38	1.25			18.2	4.4		396752.92	6908273.76	1216
8042728	28/08/2016	180150	19	N	1125		24	18.7	5.4	71	28	1.22			18.7	5.4		396759.35	6908284.72	1215
8042728	28/08/2016	180046	19	N	1137.5		24	18.1	5.2	65	33	1.17			18.1	5.2		396768.24	6908294.55	1215
8042728	28/08/2016	175922	19	N	1150		24	14.8	-0.4	69	26	1.17			14.8	-0.4		396777.71	6908304.62	1215
8042728	28/08/2016	175822	19	N	1162.5		24	14.2	-1.4	61	36	1.13			14.2	-1.4		396783.72	6908312.31	1216
8042728	28/08/2016	175726	19	N	1175		24	9	-2.8	63	31	1.12			9	-2.8		396790.6	6908322.84	1216
8042728	28/08/2016	175638	19	N	1187.5		24	5.6	-5.5	62	34	1.13			5.6	-5.5		396796.77	6908333.22	1215
8042728	28/08/2016	175602	19	N	1200		24	1.2	-7.3	67	30	1.18			1.2	-7.3		396805.12	6908344.92	1216
8042728	28/08/2016	175522	19	N	1212.5		24	-1.3	-8.9	66	33	1.18			-1.3	-8.9		396813.01	6908354.9	1216
8042728	28/08/2016	175434	19	N	1225		24	-3.2	-10.4	73	33	1.28			-3.2	-10.4		396818.9	6908364.13	1217
8042728	28/08/2016	175342	19	N	1237.5		24	-1.5	-8.1	76	35	1.33			-1.5	-8.1		396825.91	6908373.7	1216
8042728	28/08/2016	175302	19	N	1250		24	2.8	-3.7	68	44	1.3			2.8	-3.7		396832.7	6908379.81	1218
8042728	28/08/2016	175218	19	N	1262.5		24	8.5	-0.8	69	44	1.3			8.5	-0.8		396841.02	6908392.32	1216
8042728	21/08/2016	232946	19	N	1275		24	12.9	2.7	59	-62	1.36			12.9	2.7		396847.58	6908402.39	1215
8042728	21/08/2016	233142	19	N	1275		24	15.8	2.6	65	-45	1.26	2					396847.54	6908402.48	1215
8042728	28/08/2016	175058	19	N	1275		24	8	-2.3	74	39	1.33			8	-2.3		396847.88	6908402.63	1215
8042728	21/08/2016	232902	19	N	1287.5		24	16	2.5	84	-21	1.38	2					396853.55	6908412.42	1215
8042728	28/08/2016	174918	19	N	1287.5		24	-9.7	2.7	74	36	1.31	1					396855.24	6908414.93	1217
8042728	28/08/2016	174958	19	N	1287.5		24	10.4	-2.6	76	36	1.35			10.4	-2.6		396855.39	6908413.33	1214
8042728	21/08/2016	232738	19	N	1300		24	13.2	-1.2	80	-22	1.32	2					396863.32	6908421.88	1215
8042728	21/08/2016	232806	19	N	1300		24	11.9	-0.4	79	-44	1.44	2					396863.39	6908421.89	1215
8042728	21/08/2016	232822	19	N	1300		24	10.2	-1.8	79	-41	1.42			10.2	-1.8		396863.43	6908421.78	1215
8042728	28/08/2016	174759	19	N	1300		24	-10.1	5.6	76	34	1.34	1					396865.39	6908422.81	1217
8042728	28/08/2016	174818	19	N	1300		24	-10.6	4.6	75	34	1.32	1					396865.36	6908422.84	1218
8042728	21/08/2016	232622	19	N	1312.5		24	13.6	-1.7	81	-18	1.33	2					396871.06	6908430.03	1216
8042728	21/08/2016	232646	19	N	1312.5		24	13.2	-1.6	68	-44	1.29	1					396870.93	6908429.89	1215
8042728	21/08/2016	232522	19	N	1325		24	18.1	-0.8	73	-36	1.3			18.1	-0.8		396877.94	6908439.3	1216
8042728	21/08/2016	232422	19	N	1337.5		24	23.6	8.7	52	-50	1.15			23.6	8.7		396886.13	6908449.72	1216
8042728	21/08/2016	232318	19	N	1350		24	21.7	5.6	57	-56	1.28			21.7	5.6		396890.05	6908457.58	1217
8042728	21/08/2016	232210	19	N	1362.5		24	20.9	8.9	56	-42	1.12			20.9	8.9		396896.81	6908467.69	1217
8042728	21/08/2016	232046	19	N	1375		24	11.5	0.7	66	-33	1.18			11.5	0.7		396906.13	6908480.21	1217
8042728	21/08/2016	231954	19	N	1387.5		24	-6.7	-2	57	-21	0.97			-6.7	-2		396912.55	6908490.09	1218
8042728	21/08/2016	231858	19	N	1400		24	5.7	-6.3	50	-33	0.95			5.7	-6.3		396919.64	6908501.76	1218
8042728	21/08/2016	231750	19	N	1412.5		24	3.3	-7.2	50	-50	1.13			3.3	-7.2		396925.46	6908510.19	1219
8042728	21/08/2016	231654	19	N	1425		24	3.6	-5.6	61	-59	1.36			3.6	-5.6		396933.66	6908522.1	1219
8042728	21/08/2016	231614	19	N	1437.5		24	17.3	4.5	41	-58	1.13			17.3	4.5		396940.54	6908532.87	1219
8042728	21/08/2016	231358	19	N	1450		24	16.4	1.2	65	-51	1.31			16.4	1.2		396946.47	6908542.65	1219
8042728	21/08/2016	231234	19	N	1462.5		24	24.1	9.7	18	-5	0.31	2					396951.95	6908551.07	1220
8042728	21/08/2016	231306	19	N	1462.5		24	15.8	1.9	124	-98	1.26			15.8	1.9		396951.83	6908551.19	1220

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	231150	19	N	1475		24	16.4	1.4	51	-20	0.88			16.4	1.4		396958.83	6908563.13	1220
8042728	21/08/2016	231058	19	N	1487.5		24	9.6	0.4	72	-40	1.31			9.6	0.4		396966.12	6908574.4	1221
8042728	21/08/2016	231018	19	N	1500		24	7.5	-0.6	52	-29	0.96			7.5	-0.6		396969.91	6908582.35	1222
8042728	21/08/2016	230938	19	N	1512.5		24	5.9	-0.3	67	-43	1.27			5.9	-0.3		396977	6908591.13	1222
8042728	21/08/2016	230846	19	N	1525		24	4.3	-0.9	76	-41	1.38			4.3	-0.9		396985.01	6908601.55	1223
8042728	21/08/2016	230730	19	N	1537.5		24	10.5	5.1	40	-19	0.7	2					396993.01	6908613.44	1224
8042728	21/08/2016	230750	19	N	1537.5		24	3	-3.4	127	-85	1.22			3	-3.4		396993.13	6908613.5	1224
8042728	21/08/2016	230646	19	N	1550		24	1.4	-1.2	57	-35	1.07			1.4	-1.2		396999.82	6908623.66	1224
8042728	21/08/2016	230610	19	N	1562.5		24	-0.1	-3.2	127	-79	1.19			-0.1	-3.2		397005.41	6908631.3	1224
8042728	21/08/2016	230458	19	N	1575		24	-5.3	-5.8	79	-82	0.91			-5.3	-5.8		397015.96	6908646.53	1225
8042728	21/08/2016	230406	19	N	1587.5		24	-11.9	-2.6	16	-51	0.43			-11.9	-2.6		397020.39	6908657.98	1225
8042728	21/08/2016	230306	19	N	1600		24	-4.9	-9.6	90	-80	0.96			-4.9	-9.6		397026.61	6908667.14	1225
8042728	21/08/2016	230154	19	N	1612.5		24	0.4	3.5	44	-107	0.92			0.4	3.5		397033.1	6908676	1226
8042728	21/08/2016	230102	19	N	1625		24	8.1	9.7	21	-49	0.84			8.1	9.7		397041.11	6908686.79	1226
8042728	21/08/2016	230010	19	N	1637.5		24	7.6	3.8	127	-99	1.28			7.6	3.8		397049.19	6908696.51	1226
8042728	21/08/2016	225910	19	N	1650		24	16.5	8.7	81	-41	0.72			16.5	8.7		397056.85	6908705.73	1226
8042728	21/08/2016	225742	19	N	1662.5		24	26.2	17.8	78	-49	0.73			26.2	17.8		397064.03	6908714.71	1226
8042728	21/08/2016	225654	19	N	1675		24	29.4	18.8	87	-95	1.02			29.4	18.8		397070.84	6908725.2	1227
8042728	21/08/2016	225606	19	N	1687.5		24	30.7	26.7	61	-102	0.94			30.7	26.7		397074.74	6908733.68	1227
8042728	21/08/2016	225518	19	N	1700		24	32.9	18.5	44	-34	0.89			32.9	18.5		397084.02	6908747.29	1228
8042728	21/08/2016	225434	19	N	1712.5		24	27.3	13.2	127	-97	1.27			27.3	13.2		397090.63	6908757.64	1229
8042728	21/08/2016	225150	19	N	1725		24	6.2	6.9	53	-65	0.67			6.2	6.9		397098.88	6908768.3	1230
8042728	21/08/2016	225030	19	N	1737.5		24	45.5	28.2	89	-19	0.72			45.5	28.2		397107.02	6908779.44	1232
8042728	21/08/2016	224906	19	N	1750		24	39.5	28.6	71	-74	0.81			39.5	28.6		397114.19	6908788.06	1232
8042728	21/08/2016	224814	19	N	1762.5		24	35.4	24.8	87	-74	0.91			35.4	24.8		397122.07	6908797.48	1232
8042728	21/08/2016	224702	19	N	1775		24	43.1	34.2	69	-73	0.8			43.1	34.2		397131.03	6908807.47	1233
8042728	21/08/2016	224554	19	N	1787.5		24	34.1	22.5	114	-58	1.01			34.1	22.5		397140.09	6908818.08	1232
8042728	21/08/2016	224430	19	N	1800		24	4.3	1.9	112	-54	0.99			4.3	1.9		397150.12	6908832.5	1227
8042728	21/08/2016	224146	19	N	1812.5		24	37.2	21.6	93	-31	0.78	9					397155.96	6908840.56	1223
8042728	21/08/2016	224046	19	N	1825		24	29.1	15.9	46	-15	0.78			29.1	15.9		397164.35	6908850.15	1219
8042728	21/08/2016	223958	19	N	1837.5		24	24.7	10	122	-18	0.98			24.7	10		397170.95	6908859.26	1218
8042728	21/08/2016	223910	19	N	1850		24	46	47	20	-50	0.43			46	47		397178.27	6908869.66	1216
8042728	21/08/2016	223706	19	N	1862.5		24	24.2	15.5	110	-36	0.92			24.2	15.5		397185.28	6908879.33	1213
8042728	21/08/2016	223510	19	N	1875		24	28.9	31.2	6	-40	0.64	2					397192.62	6908889.65	1208
8042728	21/08/2016	223526	19	N	1875		24	33.2	27.5	25	-72	0.6			33.2	27.5		397192.74	6908889.61	1208
8042728	21/08/2016	184630	21	N	0		24	-64.8	-6.5	52	-6	0.41	2					396335.46	6907296.59	1077
8042728	21/08/2016	184814	21	N	0		24	1	1.5	54	-14	0.44	2					396335.34	6907296.29	1077
8042728	21/08/2016	184834	21	N	0		24	-1	2.1	50	-12	0.41	2					396335.24	6907296.37	1077
8042728	21/08/2016	185558	21	N	0		24	-46.4	-27	63	-53	0.32	2					396338.71	6907297.59	1074
8042728	21/08/2016	185642	21	N	0	True Station 0	24	-59.2	-3.6	127	-66	0.57			-59.2	-3.6		396338.01	6907299.13	1075
8042728	21/08/2016	184854	21	N	0	Bad Point	24	-60.3	-41.4	3	-8	0.07	2					396337.73	6907299.57	1077
8042728	21/08/2016	185742	21	N	12.5		24	-58.3	-9.8	65	-48	0.64			-58.3	-9.8		396342.32	6907307.06	1077
8042728	21/08/2016	185858	21	N	25		24	-57.7	-9	72	-51	0.7			-57.7	-9		396350.4	6907317.94	1078
8042728	21/08/2016	185954	21	N	37.5		24	-182.3	-74.6	22	-18	0.23	9				signal dead	396357.06	6907325.74	1079
8042728	21/08/2016	190106	21	N	50		24	-190.3	-96.7	3	-16	0.13	9				signal dead	396363.72	6907336.05	1081
8042728	21/08/2016	190222	21	N	62.5		24	-200	-114.3	7	-23	0.09	9				signal dead	396372.07	6907346.36	1082
8042728	21/08/2016	190322	21	N	75		24	-105	-47.5	14	-12	0.07	9				signal dead	396378.51	6907355.25	1084
8042728	21/08/2016	190450	21	N	75		24	-11.1	-5.8	127	-108	0.66			-11.1	-5.8		396379.51	6907355.71	1083
8042728	21/08/2016	190534	21	N	87.5		24	-103.3	-30.6	19	-33	0.3	9				signal dead	396385.08	6907363.78	1084
8042728	21/08/2016	190638	21	N	100		24	-68.2	-13	83	-51	0.39	9				signal dead	396392.41	6907373.22	1087
8042728	21/08/2016	190754	21	N	112.5		24	-69.9	-27.8	71	-66	0.38	9				signal dead	396401.27	6907384.98	1088
8042728	21/08/2016	190906	21	N	125		24	-49.9	-8.4	127	-76	0.59			-49.9	-8.4		396407.62	6907393.96	1090
8042728	21/08/2016	191054	21	N	137.5		24	-29.3	-8.9	83	-69	0.86			-29.3	-8.9		396412.09	6907405.55	1092
8042728	21/08/2016	191146	21	N	150		24	-25.3	-9.7	91	-66	0.89			-25.3	-9.7		396418.85	6907418.21	1096
8042728	21/08/2016	191250	21	N	162.5		24	-19.9	-12.2	104	-38	0.88			-19.9	-12.2		396427.57	6907427.34	1099
8042728	21/08/2016	191358	21	N	175		24	-18.7	-14.2	74	-34	0.65			-18.7	-14.2		396436.17	6907433.36	1098
8042728	21/08/2016	191426	21	N	175		24	-18	-14.4	84	-64	0.84	2					396434.32	6907431.17	1100

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	191534	21	N	187.5		24	-20.8	-20.5	65	-64	0.72			-20.8	-20.5		396441.69	6907441.06	1100
8042728	21/08/2016	191710	21	N	200		24	-28.9	-45.9	22	-33	0.31			-28.9	-45.9		396451.72	6907450.86	1106
8042728	21/08/2016	191950	21	N	212.5		24	-24.1	-45.5	74	-72	0.41			-24.1	-45.5		396459.24	6907461.22	1109
8042728	21/08/2016	192050	21	N	225		24	-18.2	-28.4	127	-76	0.59			-18.2	-28.4		396465.95	6907470	1109
8042728	21/08/2016	192150	21	N	237.5		24	-12.9	-28.2	55	-4	0.44			-12.9	-28.2		396473.16	6907479.65	1118
8042728	21/08/2016	192414	21	N	250		24	-14.9	-38.7	48	-47	0.53			-14.9	-38.7		396472.14	6907492.75	1123
8042728	21/08/2016	192518	21	N	262.5		24	-14.6	-41.6	44	-127	0.53			-14.6	-41.6		396478.42	6907503.71	1122
8042728	21/08/2016	192634	21	N	275		24	-12.8	-35.3	62	-6	0.49			-12.8	-35.3		396489.71	6907511.39	1118
8042728	21/08/2016	192746	21	N	287.5		24	-1	-36.2	46	-29	0.43			-1	-36.2		396494.48	6907519.3	1120
8042728	21/08/2016	192926	21	N	300	Real Station 300 Based on GPS	24	12.2	-20.3	127	-123	0.7	2					396498.34	6907527.37	1131
8042728	21/08/2016	193030	21	N	312.5	Possible Bad GPS, or Station 312.5 duplicate.	24	4	-10.5	127	-9	1.01			4	-10.5		396505.73	6907544.56	1150
8042728	21/08/2016	193158	21	N	312.5		24	5.6	-8.6	65	-29	1.13			5.6	-8.6		396507.59	6907543.11	1124
8042728	21/08/2016	193314	21	N	325		24	4.5	-8.2	58	-31	1.05			4.5	-8.2		396511.62	6907552.39	1132
8042728	21/08/2016	193422	21	N	337.5		24	2.6	-8.6	55	-35	1.04			2.6	-8.6		396520.41	6907561.9	1136
8042728	21/08/2016	193538	21	N	350		24	-0.6	-9.2	53	-33	1			-0.6	-9.2		396526.84	6907569.72	1135
8042728	21/08/2016	193642	21	N	362.5	Possible bad GPS, located at same spot as Station 375	24	-2.3	-6.9	54	-33	1.02			-2.3	-6.9		396538.71	6907587.13	1140
8042728	21/08/2016	193742	21	N	362.5	Possible bad GPS, located at same spot as Station 362.5	24	-3.1	-8	54	-31	1			-3.1	-8		396544.35	6907584.82	1131
8042728	21/08/2016	193826	21	N	375		24	-18.8	-90	3	-7	0.12	9				signal dead	396548.06	6907604.41	1143
8042728	21/08/2016	193938	21	N	387.5		24	-8.7	-9.4	101	-65	0.96			-8.7	-9.4		396552.84	6907615.68	1154
8042728	21/08/2016	194054	21	N	400		24	-12.2	-9.6	106	-56	0.96			-12.2	-9.6		396559.96	6907626.85	1152
8042728	21/08/2016	194210	21	N	412.5		24	6	-18	115	-60	1.03			6	-18		396564.41	6907630.98	1153
8042728	21/08/2016	194906	21	N	425		24	-7.7	-14	125	-34	1.03			-7.7	-14		396576.25	6907640.31	1159
8042728	21/08/2016	195014	21	N	437.5		24	-21.1	-13.6	50	-33	0.96			-21.1	-13.6		396578.81	6907645.12	1152
8042728	21/08/2016	195106	21	N	450		24	-23.9	-15.4	52	-31	0.97			-23.9	-15.4		396587.16	6907657.63	1156
8042728	21/08/2016	195146	21	N	462.5		24	-26.9	-14.8	47	-36	0.94			-26.9	-14.8		396594.42	6907668	1162
8042728	21/08/2016	195250	21	N	475		24	-26.9	-19.5	111	-55	0.99			-26.9	-19.5		396600.66	6907681.37	1174
8042728	21/08/2016	195330	21	N	487.5		24	-28.3	-23.1	104	-70	1			-28.3	-23.1		396606.89	6907690.52	1177
8042728	21/08/2016	195442	21	N	500		24	-21.2	-21.8	102	-78	1.02			-21.2	-21.8		396613.42	6907697.17	1173
8042728	21/08/2016	195602	21	N	512.5		24	-4.8	-16.1	109	-82	1.09			-4.8	-16.1		396620.98	6907709.02	1179
8042728	21/08/2016	195802	21	N	525		24	-32.5	-17.6	112	-60	1.01			-32.5	-17.6		396626.11	6907718.49	1181
8042728	21/08/2016	195910	21	N	537.5		24	-26.7	-20	107	-72	1.03			-26.7	-20		396635.45	6907731.05	1197
8042728	21/08/2016	200022	21	N	550		24	-34.8	-21.1	99	-78	1			-34.8	-21.1		396640.26	6907737.07	1192
8042728	21/08/2016	200134	21	N	562.5		24	-32.6	-22.2	121	-66	1.1			-32.6	-22.2		396645.31	6907743.67	1195
8042728	21/08/2016	200226	21	N	575		24	-22.1	-14.3	122	-80	1.16			-22.1	-14.3		396656.18	6907753.02	1203
8042728	21/08/2016	200314	21	N	587.5		24	-9.1	-2	66	-38	1.21			-9.1	-2		396663.26	6907764.49	1204
8042728	21/08/2016	200402	21	N	600		24	-7.1	-1.5	74	-21	1.23			-7.1	-1.5		396667.62	6907774.48	1210
8042728	21/08/2016	200454	21	N	612.5		24	-8.1	-3.8	66	-30	1.16			-8.1	-3.8		396673.1	6907782.22	1214
8042728	21/08/2016	200634	21	N	625		24	-9.3	-4.3	70	-22	1.17			-9.3	-4.3		396682.33	6907791.66	1220
8042728	21/08/2016	200722	21	N	637.5		24	-14.4	-5.5	61	-34	1.11			-14.4	-5.5		396688.07	6907799.49	1223
8042728	21/08/2016	200758	21	N	650		24	-27.3	-11.9	55	-30	1			-27.3	-11.9		396695.26	6907809.45	1227
8042728	21/08/2016	200834	21	N	662.5		24	11.8	-2.7	23	-24	0.54	9				signal dead	396701.93	6907819.09	1231
8042728	21/08/2016	200910	21	N	675		24	-19.2	-7.8	125	-52	1.08			-19.2	-7.8		396709.14	6907827.83	1236
8042728	21/08/2016	200950	21	N	687.5		24	-19.9	-9.3	60	-31	1.08			-19.9	-9.3		396717.78	6907835.35	1239
8042728	21/08/2016	201026	21	N	700		24	-24.3	-11.7	57	-35	1.07			-24.3	-11.7		396724.33	6907848.58	1243
8042728	21/08/2016	201114	21	N	712.5		24	-25.5	-7.9	64	-27	1.11			-25.5	-7.9		396730.78	6907860.88	1246
8042728	21/08/2016	201202	21	N	725		24	-25.3	-9.3	64	-36	1.17			-25.3	-9.3		396740.06	6907873.69	1249
8042728	21/08/2016	201246	21	N	737.5		24	-30.3	-6.9	66	-4	1.06			-30.3	-6.9		396746.14	6907883.52	1251
8042728	21/08/2016	201350	21	N	750		24	-26	-10.7	72	-30	1.25			-26	-10.7		396758.46	6907895.76	1252
8042728	21/08/2016	201446	21	N	762.5		24	-20.5	1.5	74	-43	1.37			-20.5	1.5		396766.22	6907906.11	1253
8042728	21/08/2016	201518	21	N	775		24	-11.6	5.5	73	-35	1.29			-11.6	5.5		396772.15	6907914.36	1252
8042728	21/08/2016	201606	21	N	787.5		24	-10.8	7.5	69	-34	1.23			-10.8	7.5		396781.46	6907925.34	1252
8042728	21/08/2016	201650	21	N	800		24	-16	3.4	47	-47	1.07			-16	3.4		396788.09	6907938.58	1253
8042728	21/08/2016	201746	21	N	812.5		24	-14.2	7.6	123	-72	1.13			-14.2	7.6		396790.95	6907947.44	1252
8042728	21/08/2016	201930	21	N	825		24	-6.4	12.9	64	-37	1.17			-6.4	12.9		396799.49	6907962.21	1249
8042728	21/08/2016	201958	21	N	837.5		24	-8.8	13.2	57	-38	1.1			-8.8	13.2		396804.07	6907968.37	1245
8042728	21/08/2016	202046	21	N	850		24	-9.4	11.4	65	-30	1.14			-9.4	11.4		396810.04	6907978.45	1241
8042728	21/08/2016	202114	21	N	850	Duplicate of Station 862.5	24	-10.2	11.8	60	-36	1.12			-10.2	11.8		396810.02	6907978.54	1241

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	202150	21	N	862.5		24	-12.2	11.1	57	-37	1.08			-12.2	11.1		396816.29	6907987.24	1239
8042728	21/08/2016	202234	21	N	875		24	-14.6	5.8	59	-33	1.08			-14.6	5.8		396823.35	6907998.19	1237
8042728	21/08/2016	202322	21	N	887.5		24	-15.3	11.9	55	-35	1.04			-15.3	11.9		396829.71	6908008.4	1236
8042728	21/08/2016	202354	21	N	900		24	-16.2	10.6	53	-33	1			-16.2	10.6		396836.5	6908018.05	1233
8042728	21/08/2016	202430	21	N	912.5		24	-20	9.3	54	-33	1.01			-20	9.3		396843.66	6908028.07	1231
8042728	21/08/2016	202506	21	N	925		24	-17.5	5.4	49	-41	1.02			-17.5	5.4		396850.82	6908040.08	1231
8042728	21/08/2016	202538	21	N	937.5		24	-16	11.5	122	-70	1.12			-16	11.5		396856.67	6908049.93	1230
8042728	21/08/2016	202614	21	N	950		24	-16.6	7.8	64	-30	1.13			-16.6	7.8		396864.54	6908060.23	1229
8042728	21/08/2016	202710	21	N	962.5		24	-22.3	7.4	67	-28	1.17			-22.3	7.4		396870.91	6908072.2	1227
8042728	21/08/2016	202750	21	N	975		24	-27.6	6.5	60	-38	1.14			-27.6	6.5		396878.66	6908082.69	1226
8042728	21/08/2016	202910	21	N	987.5		24	-28.9	2.2	64	-37	1.18			-28.9	2.2		396885.5	6908092.18	1224
8042728	21/08/2016	202954	21	N	1000		24	-23.9	6.5	66	-42	1.25			-23.9	6.5		396896.81	6908106.64	1223
8042728	21/08/2016	203022	21	N	1012.5		24	-20.8	6.3	76	-34	1.33			-20.8	6.3		396900.75	6908110.8	1222
8042728	21/08/2016	203114	21	N	1025		24	-18.5	9.2	71	-45	1.34			-18.5	9.2		396909.13	6908122.43	1222
8042728	21/08/2016	203158	21	N	1037.5		24	-18.4	5	76	-37	1.34			-18.4	5		396915.53	6908130.77	1221
8042728	21/08/2016	203242	21	N	1050		24	-17	7.7	65	-38	1.21			-17	7.7		396922.85	6908140.68	1220
8042728	21/08/2016	203314	21	N	1062.5		24	-0.5	12.8	77	-38	1.38			-0.5	12.8		396929.21	6908150.13	1219
8042728	21/08/2016	203410	21	N	1075		24	5.9	9.6	71	-41	1.31			5.9	9.6		396936.07	6908161.12	1219
8042728	21/08/2016	203454	21	N	1087.5		24	3.2	14.9	66	-41	1.24			3.2	14.9		396943.73	6908174.65	1220
8042728	21/08/2016	203558	21	N	1100		24	0.7	11.9	62	-38	1.16			0.7	11.9		396952.07	6908183.4	1219
8042728	21/08/2016	203650	21	N	1112.5		24	-1	10.6	66	-32	1.18			-1	10.6		396958.21	6908191.18	1219
8042728	21/08/2016	203734	21	N	1125		24	-5.8	7.5	68	-29	1.18			-5.8	7.5		396965.5	6908202.24	1218
8042728	21/08/2016	203806	21	N	1137.5		24	-8.4	6	61	-39	1.16			-8.4	6		396972.98	6908211.52	1220
8042728	21/08/2016	203906	21	N	1150		24	-11.6	2.7	67	-33	1.19			-11.6	2.7		396983.13	6908225.54	1220
8042728	21/08/2016	203946	21	N	1162.5		24	-10.6	4.4	67	-33	1.19			-10.6	4.4		396989.29	6908232.55	1219
8042728	21/08/2016	204018	21	N	1175		24	-10.1	5.3	70	-31	1.22			-10.1	5.3		396995.07	6908240.87	1219
8042728	21/08/2016	204058	21	N	1187.5		24	-12.9	4.9	56	-32	1.04			-12.9	4.9		397001.4	6908249.89	1219
8042728	21/08/2016	204158	21	N	1200		24	-9	7.1	71	-27	1.21			-9	7.1		397009.98	6908261.17	1219
8042728	21/08/2016	204230	21	N	1212.5		24	-17.3	2.7	57	-32	1.05			-17.3	2.7		397017.93	6908272.31	1219
8042728	21/08/2016	204306	21	N	1225		24	-15.4	2.4	62	-37	1.16			-15.4	2.4		397025.29	6908280.92	1219
8042728	21/08/2016	204346	21	N	1237.5		24	-20.6	-0.1	64	-35	1.17			-20.6	-0.1		397033.13	6908290.74	1219
8042728	21/08/2016	204426	21	N	1250		24	-17.2	1.2	72	-31	1.26			-17.2	1.2		397038.03	6908300.64	1219
8042728	21/08/2016	204522	21	N	1262.5		24	-12.1	1.8	52	-39	1.04			-12.1	1.8		397046.25	6908310.25	1219
8042728	21/08/2016	204606	21	N	1275		24	-12.6	1	66	-42	1.25			-12.6	1		397052.49	6908319.6	1220
8042728	21/08/2016	204650	21	N	1287.5		24	-4.9	1	47	-45	1.03			-4.9	1		397059.54	6908329.01	1221
8042728	21/08/2016	204734	21	N	1300		24	1.9	-0.6	91	-11	0.72	9					397067.41	6908342.37	1222
8042728	21/08/2016	204750	21	N	1300		24	5.8	-2.8	106	-74	1.03			5.8	-2.8		397067.49	6908342.35	1222
8042728	21/08/2016	204830	21	N	1312.5		24	0	-8.1	126	-71	1.15			0	-8.1		397074.69	6908352.09	1223
8042728	21/08/2016	204910	21	N	1325		24	-3	-11	56	-40	1.09			-3	-11		397080.19	6908360.1	1223
8042728	21/08/2016	204954	21	N	1337.5		24	-0.3	-9.4	63	-42	1.21			-0.3	-9.4		397087.72	6908369.89	1224
8042728	21/08/2016	205038	21	N	1350		24	12.2	-9.3	45	-42	0.99			12.2	-9.3		397093.48	6908379.05	1225
8042728	21/08/2016	205114	21	N	1362.5		24	11.4	-4.9	97	-73	0.97			11.4	-4.9		397100.78	6908388.97	1225
8042728	21/08/2016	205206	21	N	1375		24	9.1	-11.6	92	-52	0.84			9.1	-11.6		397108.46	6908399.73	1227
8042728	21/08/2016	205254	21	N	1387.5		24	7.7	-13.9	88	-60	0.85			7.7	-13.9		397116.73	6908409.41	1227
8042728	21/08/2016	205342	21	N	1400		24	-0.1	-14.7	81	-55	0.78			-0.1	-14.7		397123.87	6908418.91	1228
8042728	21/08/2016	205442	21	N	1412.5		24	-1.4	-10.1	81	-60	0.8			-1.4	-10.1		397131.4	6908428.68	1229
8042728	21/08/2016	205814	21	N	1425		24	-14.6	-21.3	94	-14	0.76			-14.6	-21.3		397139.21	6908439.35	1231
8042728	21/08/2016	205854	21	N	1437.5		24	-8.3	-21.4	106	-47	0.92			-8.3	-21.4		397146.08	6908448.96	1232
8042728	21/08/2016	205942	21	N	1450		24	-14.2	-21.9	82	-77	0.89			-14.2	-21.9		397152.06	6908457.88	1233
8042728	21/08/2016	210058	21	N	1462.5		24	-14.8	-17.7	105	-64	0.97			-14.8	-17.7		397157.22	6908468.88	1234
8042728	21/08/2016	210146	21	N	1475		24	-9.7	-7.2	117	-61	1.05			-9.7	-7.2		397163.83	6908480.18	1235
8042728	21/08/2016	210234	21	N	1487.5		24	-11.5	-5.5	96	-30	0.8			-11.5	-5.5		397170.01	6908488.96	1236
8042728	21/08/2016	210350	21	N	1500		24	-10.1	-2.1	121	-70	1.11			-10.1	-2.1		397178.19	6908500.28	1237
8042728	21/08/2016	210438	21	N	1512.5		24	-17.5	-10.9	76	-79	0.87			-17.5	-10.9		397185.7	6908509.93	1239
8042728	21/08/2016	210526	21	N	1525		24	-11.1	-3.4	125	-67	1.13			-11.1	-3.4		397192.73	6908520.65	1240
8042728	21/08/2016	210610	21	N	1537.5		24	-24.9	-21.2	19	-36	0.65			-24.9	-21.2		397198.99	6908530.98	1242
8042728	21/08/2016	210702	21	N	1550		24	-24.2	-20.8	46	-75	0.7			-24.2	-20.8		397205.43	6908542.02	1244

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	210746	21	N	1562.5		24	-37.1	-26.6	9	-58	0.46			-37.1	-26.6		397210.8	6908550.78	1247
8042728	21/08/2016	210830	21	N	1575		24	-9.9	-0.2	126	-58	1.1			-9.9	-0.2		397218.97	6908561.49	1249
8042728	21/08/2016	210906	21	N	1587.5		24	-18	-9.2	20	-38	0.69			-18	-9.2		397225.07	6908570.93	1251
8042728	21/08/2016	211006	21	N	1600		24	-1.7	1.2	113	-9	0.9			-1.7	1.2		397233.66	6908580.22	1256
8042728	21/08/2016	211130	21	N	1612.5		24	12.2	0.1	111	-35	0.93			12.2	0.1		397240.05	6908588.96	1260
8042728	21/08/2016	211310	21	N	1625		24	-18.6	-8.4	22	-93	0.76			-18.6	-8.4		397242.41	6908601.86	1262
8042728	21/08/2016	212526	21	N	1637.5		24	14.3	-0.2	120	-43	1.01			14.3	-0.2		397247.7	6908612.6	1263
8042728	21/08/2016	212650	21	N	1650		24	7.2	4	108	-59	0.97			7.2	4		397255.78	6908626.38	1260
8042728	21/08/2016	212742	21	N	1662.5		24	-13.5	0.6	102	-85	1.05			-13.5	0.6		397261.15	6908635.17	1255
8042728	21/08/2016	212814	21	N	1675		24	-8.8	4.7	105	-87	1.08			-8.8	4.7		397265.4	6908641.72	1252
8042728	21/08/2016	212846	21	N	1687.5		24	-20.8	2.2	112	-65	1.03			-20.8	2.2		397271.57	6908651.98	1250
8042728	21/08/2016	212922	21	N	1700		24	-15.2	1.4	116	-84	1.14			-15.2	1.4		397277.55	6908662.97	1247
8042728	21/08/2016	213002	21	N	1712.5		24	9.3	3.2	125	-70	1.14			9.3	3.2		397283.51	6908672.46	1245
8042728	21/08/2016	213126	21	N	1725		24	-28.6	-9	10	-49	0.79			-28.6	-9		397292.2	6908684.79	1241
8042728	21/08/2016	213214	21	N	1737.5		24	-9.3	2.1	86	-98	1.04			-9.3	2.1		397296.84	6908694.6	1239
8042728	21/08/2016	213302	21	N	1750		24	-21.8	-2.4	35	-81	0.7			-21.8	-2.4		397304.21	6908703.62	1238
8042728	21/08/2016	213434	21	N	1762.5	Possible Bad GPS. Large Gap between previous station	24	-1.6	7.8	110	-107	1.22			-1.6	7.8		397318.5	6908716.54	1236
8042728	21/08/2016	213510	21	N	1775		24	6.1	12.1	127	-75	1.17			6.1	12.1		397322.98	6908723.95	1235
8042728	21/08/2016	213550	21	N	1787.5		24	7	12.3	64	-38	1.19			7	12.3		397328.83	6908731.26	1235
8042728	21/08/2016	213650	21	N	1800		24	6.7	3.9	56	-21	0.96			6.7	3.9		397334.91	6908742.15	1233
8042728	21/08/2016	213738	21	N	1812.5		24	-23.7	-2.7	49	-23	0.87			-23.7	-2.7		397341.49	6908753.38	1231
8042728	21/08/2016	213830	21	N	1825		24	4.8	3.1	120	-13	0.96			4.8	3.1		397346.62	6908762.94	1229
8042728	21/08/2016	214010	21	N	1837.5		24	12.5	5.3	102	-64	0.95			12.5	5.3		397354.68	6908772.47	1227
8042728	21/08/2016	214122	21	N	1850		24	24.6	5.4	125	-80	1.18			24.6	5.4		397361.98	6908783.48	1226
1124844	21/08/2016	174918	23	N	0		24	7	6.8	57	1	0.91			7	6.8		396453.22	6907125.07	1107
1124844	21/08/2016	175358	23	N	0		24	7.1	9.2	55	9	0.89	1					396453.29	6907125.04	1106
1124844	21/08/2016	175618	23	N	12.5		24	5.6	6.6	57	4	0.9			5.6	6.6		396461.37	6907135.13	1104
1124844	21/08/2016	175806	23	N	25		24	3.6	6.8	51	16	0.86			3.6	6.8		396468.44	6907145.69	1102
1124844	21/08/2016	180226	23	N	37.5		24	3.9	8	58	5	0.92			3.9	8		396474.1	6907154.32	1100
1124844	21/08/2016	180414	23	N	50		24	5.6	11	48	21	0.84			5.6	11		396479.84	6907166.5	1098
1124844	21/08/2016	180610	23	N	62.5		24	-0.1	13.1	98	33	0.83			-0.1	13.1		396486.04	6907177.47	1096
1124844	21/08/2016	180706	23	N	75		24	-0.5	13.6	98	41	0.84			-0.5	13.6		396491.05	6907187.77	1093
1124844	21/08/2016	180818	23	N	87.5		24	-3.5	14.7	98	22	0.8			-3.5	14.7		396499.09	6907197.82	1091
1124844	21/08/2016	180942	23	N	100		24	-7.5	13.1	98	40	0.84			-7.5	13.1		396506.21	6907207.37	1088
1124844	21/08/2016	181114	23	N	112.5		24	-8.8	11.7	98	40	0.84			-8.8	11.7		396511.08	6907216.67	1084
1124844	21/08/2016	181230	23	N	125		24	-8.3	11.6	96	43	0.84			-8.3	11.6		396520.33	6907227.67	1086
1124844	21/08/2016	181346	23	N	137.5		24	-16.9	7.8	98	4	0.78			-16.9	7.8		396526.89	6907238.61	1086
1124844	21/08/2016	181510	23	N	150		24	-16.8	7.6	98	33	0.82			-16.8	7.6		396533.2	6907247.98	1086
1124844	21/08/2016	181822	23	N	162.5		24	-20.7	4.9	98	30	0.82			-20.7	4.9		396541.54	6907257	1087
1124844	21/08/2016	181910	23	N	175		24	-16.5	4.4	98	43	0.85			-16.5	4.4		396549.6	6907267.95	1088
1124844	21/08/2016	181958	23	N	187.5		24	-15.9	2.2	97	63	0.92			-15.9	2.2		396556.49	6907277.75	1089
1124844	21/08/2016	182042	23	N	200		24	-11.4	3.1	98	63	0.93			-11.4	3.1		396562.16	6907287.98	1091
1124844	21/08/2016	182142	23	N	212.5		24	-9.2	1.3	98	57	0.9			-9.2	1.3		396567	6907299.29	1093
1124844	21/08/2016	182538	23	N	225		24	-3.4	2.6	98	41	0.85			-3.4	2.6		396574.52	6907309.01	1094
1124844	21/08/2016	182638	23	N	237.5		24	0.5	1.2	98	48	0.87			0.5	1.2		396580.78	6907318.27	1094
1124844	21/08/2016	182734	23	N	250		24	1.9	3.3	98	56	0.9			1.9	3.3		396586.38	6907326.71	1096
1124844	21/08/2016	182850	23	N	262.5		24	1.4	-0.3	98	46	0.86			1.4	-0.3		396593.09	6907336.71	1097
1124844	21/08/2016	182946	23	N	275		24	-3.2	-0.5	98	42	0.85			-3.2	-0.5		396599.04	6907347.81	1099
1124844	21/08/2016	183034	23	N	287.5		24	-2.8	-2.3	98	52	0.88			-2.8	-2.3		396604.14	6907351.89	1099
1124844	21/08/2016	183202	23	N	300		24	-6.5	-8	98	23	0.8			-6.5	-8		396612.79	6907363.24	1102
1124844	21/08/2016	183350	23	N	312.5		24	-1.5	-9.2	85	77	0.91			-1.5	-9.2		396619.45	6907376.3	1104
1124844	21/08/2016	183534	23	N	325		24	-3.5	-9.3	94	73	0.95			-3.5	-9.3		396626.5	6907381.7	1105
1124844	21/08/2016	183754	23	N	337.5		24	-8	-9.3	98	54	0.89			-8	-9.3		396631.37	6907388.73	1106
1124844	21/08/2016	183842	23	N	350		24	-6.6	-10.1	98	44	0.86			-6.6	-10.1		396641.96	6907395.1	1109
1124844	21/08/2016	183942	23	N	362.5		24	-4.7	-10.1	98	71	0.96			-4.7	-10.1		396648.6	6907406.6	1110
1124844	21/08/2016	184030	23	N	375		24	-5.9	-10.8	97	73	0.97			-5.9	-10.8		396654.88	6907416.5	1112
1124844	21/08/2016	184142	23	N	387.5		24	-3.3	-10.7	98	72	0.97			-3.3	-10.7		396662.56	6907426.29	1116

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	184234	23	N	400		24	-6.5	-12.7	98	49	0.87			-6.5	-12.7		396669.57	6907436.63	1116
1124844	21/08/2016	184418	23	N	412.5		24	-4.8	-12.1	98	64	0.93			-4.8	-12.1		396679.26	6907444.45	1118
1124844	21/08/2016	184510	23	N	425		24	-2.9	-10	98	70	0.96			-2.9	-10		396686.23	6907455.39	1122
1124844	21/08/2016	184602	23	N	437.5		24	3.1	-11.4	85	81	0.93			3.1	-11.4		396691.79	6907464.71	1124
1124844	21/08/2016	184758	23	N	450		24	4	-13.4	72	84	0.88			4	-13.4		396695.84	6907479.18	1124
1124844	21/08/2016	185314	23	N	462.5		24	2.9	-11.3	98	45	0.86			2.9	-11.3		396703.48	6907487.33	1128
1124844	21/08/2016	185406	23	N	475		24	5	-11.6	89	71	0.9			5	-11.6		396713.29	6907498.27	1130
1124844	21/08/2016	185530	23	N	487.5		24	5.5	-13.4	81	72	0.86			5.5	-13.4		396720.73	6907505.6	1132
1124844	21/08/2016	185614	23	N	500		24	5.4	-9.8	98	55	0.89			5.4	-9.8		396727.69	6907516.35	1135
1124844	21/08/2016	185658	23	N	512.5		24	8.5	-13	54	70	0.7			8.5	-13		396734.15	6907526.88	1136
1124844	21/08/2016	185758	23	N	525		24	6.3	-10.3	91	55	0.84			6.3	-10.3		396741.7	6907538.12	1140
1124844	21/08/2016	185846	23	N	537.5		24	2	-9	98	38	0.84			2	-9		396745.85	6907546.99	1141
1124844	21/08/2016	185938	23	N	550		24	-0.4	-11.3	97	46	0.85			-0.4	-11.3		396755.72	6907554.48	1142
1124844	21/08/2016	190022	23	N	562.5		24	-3.5	-13.5	97	44	0.85			-3.5	-13.5		396764.18	6907562.13	1144
1124844	21/08/2016	190138	23	N	575		24	1.2	-17.1	45	44	0.5			1.2	-17.1		396766.97	6907573.52	1146
1124844	21/08/2016	190246	23	N	587.5		24	-12.2	-24.2	101	101	0.56			-12.2	-24.2		396767.46	6907586.52	1148
1124844	21/08/2016	190326	23	N	600		24	-18.3	-32.8	101	100	0.56			-18.3	-32.8		396774.16	6907597.28	1151
1124844	21/08/2016	190438	23	N	612.5		24	-19	-35	101	101	0.56			-19	-35		396784	6907604.97	1155
1124844	21/08/2016	190550	23	N	625		24	-3.4	-21.8	101	100	0.56			-3.4	-21.8		396789.58	6907615.33	1160
1124844	21/08/2016	190658	23	N	637.5		24	7.2	-8.7	101	101	0.56			7.2	-8.7		396798.05	6907621.73	1157
1124844	21/08/2016	190754	23	N	650		24	3.5	-13	101	101	0.56			3.5	-13		396804.19	6907632.9	1162
1124844	21/08/2016	190918	23	N	662.5	Possible bad GPS, Point is really close to Previous station	24	3.1	-19.7	99	86	0.52			3.1	-19.7		396809.93	6907635.95	1164
1124844	21/08/2016	191146	23	N	675		24	-3.1	-19.8	101	101	0.56			-3.1	-19.8		396820.17	6907653.35	1167
1124844	21/08/2016	191254	23	N	687.5		24	-4	-18.6	101	101	0.56			-4	-18.6		396823.87	6907663.31	1171
1124844	21/08/2016	191354	23	N	700		24	0	-15.3	99	100	0.56			0	-15.3		396829.51	6907672.09	1173
1124844	21/08/2016	191454	23	N	712.5		24	-3.5	-18	89	98	0.52			-3.5	-18		396836.17	6907683.41	1177
1124844	21/08/2016	191546	23	N	725		24	-3.2	-31.2	98	59	0.45			-3.2	-31.2		396842.91	6907693.93	1182
1124844	21/08/2016	191638	23	N	737.5		24	-15.7	-28.6	101	101	0.56			-15.7	-28.6		396843.72	6907703.47	1186
1124844	21/08/2016	192134	23	N	750		24	-28.2	-43.4	98	-39	0.42			-28.2	-43.4		396857.22	6907712.91	1191
1124844	21/08/2016	192410	23	N	762.5		24	-13.8	-27.7	101	101	0.56			-13.8	-27.7		396862.82	6907719.64	1191
1124844	21/08/2016	192514	23	N	775		24	-16.1	-22.6	100	97	0.55			-16.1	-22.6		396870.28	6907726.81	1192
1124844	21/08/2016	192558	23	N	787.5		24	-13.2	-15.7	101	101	0.56			-13.2	-15.7		396878.89	6907737.81	1196
1124844	21/08/2016	192714	23	N	800		24	-17.6	-21.4	100	96	0.55			-17.6	-21.4		396885.65	6907751.25	1200
1124844	21/08/2016	192818	23	N	812.5		24	-22.2	-22.5	101	100	0.56			-22.2	-22.5		396892.75	6907762.47	1205
1124844	21/08/2016	192938	23	N	825		24	-25	-25.1	99	93	0.54			-25	-25.1		396899.23	6907766.89	1205
1124844	21/08/2016	193038	23	N	837.5		24	-23.3	-19.7	101	101	0.56			-23.3	-19.7		396905.54	6907779.85	1208
1124844	21/08/2016	193138	23	N	850		24	-22.5	-19.7	101	101	0.56			-22.5	-19.7		396912.59	6907787.99	1208
1124844	21/08/2016	193234	23	N	862.5		24	-31.5	-20.8	100	98	0.55			-31.5	-20.8		396920.35	6907799.09	1209
1124844	21/08/2016	193318	23	N	875		24	-30.7	-21.4	101	101	0.56			-30.7	-21.4		396924.91	6907809.84	1209
1124844	21/08/2016	194654	23	N	875	Likely Bad GPS Point, Times and values consistant with new location	24	-38.7	-20.4	98	-127	0.63			-38.7	-20.4		396925.27	6907810.14	1214
1124844	21/08/2016	195858	23	N	887.5		24	-27.9	-15	98	46	0.86			-27.9	-15		396931.3	6907819.08	1211
1124844	21/08/2016	200230	23	N	900		24	-29.1	-19.2	92	60	0.87	2					396939.66	6907829.16	1210
1124844	21/08/2016	200310	23	N	912.5		24	-32.7	-20.5	98	35	0.83			-32.7	-20.5		396948.55	6907836.36	1211
1124844	21/08/2016	200358	23	N	925		24	-35.1	-18.8	98	58	0.91			-35.1	-18.8		396955.62	6907846.31	1212
1124844	21/08/2016	200438	23	N	937.5		24	-35.2	-22.2	97	70	0.95			-35.2	-22.2		396962.23	6907856.54	1211
1124844	21/08/2016	200522	23	N	950		24	-31.9	-14.8	97	86	1.03			-31.9	-14.8		396969.92	6907866.47	1211
1124844	21/08/2016	200618	23	N	962.5		24	-25	-7.4	99	95	1.09			-25	-7.4		396976.28	6907877.15	1211
1124844	21/08/2016	200658	23	N	975		24	-5.9	6.5	99	72	0.97			-5.9	6.5		396983.5	6907886.49	1210
1124844	21/08/2016	200810	23	N	987.5		24	4.3	13.4	98	54	0.89			4.3	13.4		396991.16	6907896.77	1207
1124844	21/08/2016	201042	23	N	1000		24	-1.7	9.6	99	38	0.84			-1.7	9.6		397000.73	6907908.75	1208
1124844	21/08/2016	201206	23	N	1012.5		24	-6.4	5.4	98	57	0.91			-6.4	5.4		397006.45	6907918.88	1208
1124844	21/08/2016	201310	23	N	1025		24	-13.8	3	99	42	0.85			-13.8	3		397013.77	6907929.55	1208
1124844	21/08/2016	201438	23	N	1037.5		24	-17	0.9	99	29	0.81			-17	0.9		397025.16	6907939.11	1207
1124844	21/08/2016	201638	23	N	1050		24	-10.2	4.1	95	70	0.94			-10.2	4.1		397030.47	6907953.25	1208
1124844	21/08/2016	201754	23	N	1062.5		24	-13.2	2.4	98	59	0.91			-13.2	2.4		397038.14	6907963.43	1208
1124844	21/08/2016	201834	23	N	1075		24	-19	1.7	99	40	0.85			-19	1.7		397046.15	6907972.84	1208
1124844	21/08/2016	201918	23	N	1087.5		24	-15.9	2.4	99	60	0.92			-15.9	2.4		397051.84	6907983.21	1208

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	201954	23	N	1100		24	-21.4	-1.9	98	60	0.92			-21.4	-1.9		397060.15	6907992.62	1206
1124844	21/08/2016	202046	23	N	1112.5		24	-19	-0.8	92	79	0.96			-19	-0.8		397065.85	6908003.19	1205
1124844	21/08/2016	202130	23	N	1125		24	-20.8	-0.4	92	83	0.98			-20.8	-0.4		397072.33	6908015.07	1205
1124844	21/08/2016	202402	23	N	1137.5		24	-22.1	-2.9	99	61	0.92			-22.1	-2.9		397079.59	6908023.39	1205
1124844	21/08/2016	202442	23	N	1150		24	-20.7	-0.8	98	80	1.01			-20.7	-0.8		397086.58	6908033.47	1205
1124844	21/08/2016	202526	23	N	1162.5		24	-17.1	2.1	98	52	0.89			-17.1	2.1		397093.81	6908044.03	1203
1124844	21/08/2016	202614	23	N	1175		24	-7.2	7.5	98	69	0.96			-7.2	7.5		397101.27	6908053.07	1203
1124844	21/08/2016	202658	23	N	1187.5		24	-10.1	4	97	74	0.97			-10.1	4		397109.12	6908065.57	1203
1124844	21/08/2016	202742	23	N	1200		24	-13.6	1.2	98	74	0.98			-13.6	1.2		397115.59	6908074.08	1201
1124844	21/08/2016	202910	23	N	1212.5		24	-7.3	4.7	98	67	0.95			-7.3	4.7		397119.26	6908086.19	1202
1124844	21/08/2016	203114	23	N	1225		24	-10	2.7	98	43	0.86			-10	2.7		397126.72	6908097.11	1202
1124844	21/08/2016	203234	23	N	1237.5		24	-9.1	4.4	98	43	0.85			-9.1	4.4		397134.39	6908105.84	1202
1124844	21/08/2016	203338	23	N	1250		24	-11.6	1.2	98	38	0.84			-11.6	1.2		397139.51	6908117.5	1201
1124844	21/08/2016	203738	23	N	1262.5		24	-13.3	-3.7	98	65	0.94			-13.3	-3.7		397146.34	6908128.59	1201
1124844	21/08/2016	203838	23	N	1275		24	-19	-5.9	98	71	0.97			-19	-5.9		397153.81	6908138.22	1200
1124844	21/08/2016	203922	23	N	1287.5		24	-17.1	-6.8	98	81	1.01			-17.1	-6.8		397162.17	6908146.63	1200
1124844	21/08/2016	204006	23	N	1300		24	-12.3	-7.9	98	70	0.96			-12.3	-7.9		397168.18	6908157.04	1200
1124844	21/08/2016	204054	23	N	1312.5		24	-3.7	-8.7	99	53	0.89			-3.7	-8.7		397175.11	6908168.44	1201
1124844	21/08/2016	204146	23	N	1325		24	-2.4	-8.4	98	42	0.85			-2.4	-8.4		397182.5	6908176.23	1202
1124844	21/08/2016	204310	23	N	1337.5		24	1.1	-8.4	98	39	0.84			1.1	-8.4		397189.43	6908188.72	1204
1124844	21/08/2016	204402	23	N	1350		24	-3	-14.3	99	69	0.95			-3	-14.3		397195.45	6908198.85	1205
1124844	21/08/2016	204454	23	N	1362.5		24	-4.5	-19.1	99	51	0.88			-4.5	-19.1		397201.45	6908208.24	1206
1124844	21/08/2016	204618	23	N	1375		24	-3.3	-17.7	99	52	0.89			-3.3	-17.7		397209.45	6908213.72	1207
1124844	21/08/2016	204938	23	N	1387.5		24	11.9	-10.9	99	86	1.04			11.9	-10.9		397217.62	6908225.3	1209
1124844	21/08/2016	205230	23	N	1400		24	24.9	-9.4	86	87	0.97			24.9	-9.4		397222.2	6908237.56	1210
1124844	21/08/2016	205402	23	N	1412.5		24	20.1	-11	99	64	0.93			20.1	-11		397231.93	6908249.1	1211
1124844	21/08/2016	205450	23	N	1425		24	20.6	-9.5	98	63	0.93			20.6	-9.5		397235.82	6908260.73	1213
1124844	21/08/2016	205630	23	N	1437.5		24	18.7	-13.2	99	35	0.83			18.7	-13.2		397246.31	6908265.92	1213
1124844	21/08/2016	205814	23	N	1450		24	16.5	-11.6	99	59	0.91			16.5	-11.6		397256.14	6908275.01	1212
1124844	21/08/2016	205858	23	N	1462.5		24	16.7	-10.9	98	63	0.93			16.7	-10.9		397259.06	6908284.31	1215
1124844	21/08/2016	205954	23	N	1475		24	13.6	-11.7	98	46	0.86			13.6	-11.7		397265.84	6908294.6	1216
1124844	21/08/2016	210034	23	N	1487.5		24	14	-11.8	99	45	0.86			14	-11.8		397274.11	6908303.05	1216
1124844	21/08/2016	210118	23	N	1500		24	12	-13.9	86	71	0.89			12	-13.9		397279.96	6908313.74	1217
1124844	21/08/2016	210222	23	N	1512.5		24	9.2	-12.1	99	38	0.84			9.2	-12.1		397287.41	6908325.2	1218
1124844	21/08/2016	210306	23	N	1525		24	9.1	-12.8	99	42	0.85			9.1	-12.8		397296.02	6908334.12	1218
1124844	21/08/2016	210350	23	N	1537.5		24	3.4	-13.7	99	36	0.83			3.4	-13.7		397302.76	6908344.92	1219
1124844	21/08/2016	210434	23	N	1550		24	7.1	-6.9	99	45	0.86			7.1	-6.9		397313.06	6908357.32	1220
1124844	21/08/2016	210534	23	N	1562.5		24	8.3	-4.5	99	47	0.87			8.3	-4.5		397319.53	6908364.2	1219
1124844	21/08/2016	210618	23	N	1575		24	4.1	-7.7	99	32	0.82			4.1	-7.7		397327.89	6908374.55	1219
1124844	21/08/2016	210654	23	N	1587.5		24	2.1	-8.8	96	60	0.9			2.1	-8.8		397332.28	6908383.52	1221
1124844	21/08/2016	210750	23	N	1600		24	1.8	-8.8	96	54	0.88			1.8	-8.8		397337.96	6908395.06	1223
1124844	21/08/2016	210834	23	N	1612.5		24	-1.6	-10.6	99	42	0.85			-1.6	-10.6		397342.97	6908406.19	1224
1124844	21/08/2016	210918	23	N	1625		24	-2.1	-11.9	99	33	0.83			-2.1	-11.9		397349.84	6908415.26	1225
1124844	21/08/2016	211002	23	N	1637.5		24	-5.7	-10.8	98	55	0.89			-5.7	-10.8		397357.29	6908423.86	1226
1124844	21/08/2016	211102	23	N	1650		24	-5.3	-10.7	99	47	0.87			-5.3	-10.7		397364.72	6908434.54	1226
1124844	21/08/2016	211202	23	N	1662.5		24	-7.1	-10.2	99	47	0.87			-7.1	-10.2		397374.65	6908443.75	1228
1124844	21/08/2016	211310	23	N	1675		24	-9.1	-11.7	99	48	0.87			-9.1	-11.7		397379.19	6908453.26	1229
1124844	21/08/2016	211354	23	N	1687.5		24	-8.4	-8.1	98	64	0.93			-8.4	-8.1		397383.95	6908465.23	1231
1124844	21/08/2016	211438	23	N	1700		24	-6.5	-4.6	99	64	0.93			-6.5	-4.6		397389.7	6908477.99	1233
1124844	21/08/2016	211538	23	N	1712.5		24	-7	-5.4	99	56	0.9			-7	-5.4		397396.35	6908488.75	1234
1124844	21/08/2016	211638	23	N	1725		24	-4.3	-3.2	99	52	0.89			-4.3	-3.2		397402.24	6908500.58	1236
1124844	21/08/2016	211718	23	N	1737.5		24	-3.7	-0.2	99	32	0.82			-3.7	-0.2		397414.19	6908505.29	1236
1124844	21/08/2016	211810	23	N	1750		24	-7.2	-3.4	99	46	0.87			-7.2	-3.4		397422.74	6908514.75	1237
1124844	21/08/2016	211846	23	N	1762.5		24	-10.6	-3.5	99	38	0.84			-10.6	-3.5		397430.25	6908525.84	1239
1124844	21/08/2016	212006	23	N	1775		24	-10.2	-1.1	99	53	0.89			-10.2	-1.1		397437.75	6908536.33	1237
1124844	21/08/2016	212130	23	N	1787.5		24	-10.6	0.7	99	63	0.93			-10.6	0.7		397443.94	6908546.76	1236
1124844	21/08/2016	212222	23	N	1800		24	-8	4.3	99	48	0.87			-8	4.3		397450.05	6908557.65	1235

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	212302	23	N	1812.5		24	-12.5	3.8	99	24	0.81			-12.5	3.8		397457.81	6908566.98	1231
1124844	21/08/2016	212342	23	N	1825		24	-11.4	1.8	99	68	0.95			-11.4	1.8		397465.15	6908576.36	1229
1124844	21/08/2016	212434	23	N	1837.5		24	-15.3	0	99	58	0.91			-15.3	0		397472.71	6908586.59	1228
1124844	21/08/2016	212514	23	N	1850		24	-14.3	0.8	99	64	0.94			-14.3	0.8		397479.12	6908598.04	1225
1124844	21/08/2016	212558	23	N	1862.5		24	-11.9	1.3	99	62	0.92			-11.9	1.3		397485.26	6908608.56	1223
1124844	21/08/2016	212654	23	N	1875		24	-13.5	1.2	99	55	0.9			-13.5	1.2		397491.28	6908619.64	1221
1124844	21/08/2016	212734	23	N	1887.5		24	-15.3	-1.3	99	67	0.95			-15.3	-1.3		397497.69	6908628.89	1220
1124844	21/08/2016	212810	23	N	1900		24	-16.8	-2.3	99	56	0.9			-16.8	-2.3		397504.37	6908637.85	1218
1124844	21/08/2016	212910	23	N	1912.5		24	-7.6	-0.1	99	48	0.87			-7.6	-0.1		397514.33	6908648.08	1217
1124844	21/08/2016	212954	23	N	1925		24	-7.8	-3.6	99	69	0.96			-7.8	-3.6		397521.6	6908657.57	1215
1124844	21/08/2016	213058	23	N	1937.5		24	-6.1	-6.5	99	46	0.86	2					397527.41	6908667.97	1215
1124844	21/08/2016	214322	23	N	1937.5		24	-9.7	-8.3	99	28	0.81			-9.7	-8.3		397527.21	6908667.29	1215
1124844	24/08/2016	170754	25	N	0		24	5.4	-6.6	48	26	0.87	1					396335.9	6906622.07	1060
1124844	24/08/2016	170822	25	N	0		24	2.2	-4.4	97	50	0.87			2.2	-4.4		396335.89	6906622.01	1060
1124844	24/08/2016	171454	25	N	12.5		24	-1.3	-7	98	52	0.88			-1.3	-7		396341.89	6906633	1064
1124844	24/08/2016	171606	25	N	25		24	-2.2	-7.8	98	51	0.88			-2.2	-7.8		396350	6906640.3	1071
1124844	24/08/2016	171718	25	N	37.5		24	-6.3	-12.3	98	40	0.84			-6.3	-12.3		396356.23	6906649.28	1081
1124844	24/08/2016	171802	25	N	50		24	-8.1	-12.7	98	53	0.89			-8.1	-12.7		396364.24	6906658.53	1083
1124844	24/08/2016	171938	25	N	62.5		24	-7	-10.8	98	52	0.88			-7	-10.8		396373.05	6906667.39	1085
1124844	24/08/2016	172018	25	N	75		24	-2.6	-5.1	98	33	0.82			-2.6	-5.1		396377.65	6906675.99	1088
1124844	24/08/2016	172038	25	N	75		24	-1.6	-4.5	98	46	0.86	1					396378.2	6906677.24	1089
1124844	24/08/2016	172126	25	N	87.5		24	-0.1	-4.6	98	46	0.86			-0.1	-4.6		396383.41	6906686.1	1092
1124844	24/08/2016	172218	25	N	100		24	0.6	-4.4	98	45	0.86			0.6	-4.4		396391.39	6906695.23	1094
1124844	24/08/2016	172254	25	N	112.5		24	-0.5	-5.1	98	60	0.91			-0.5	-5.1		396398.25	6906705.97	1095
1124844	24/08/2016	172354	25	N	125		24	-1.4	-6.9	98	47	0.86			-1.4	-6.9		396403.79	6906718.23	1097
1124844	24/08/2016	172442	25	N	137.5		24	-5.4	-8	98	53	0.89			-5.4	-8		396411.92	6906725.9	1100
1124844	24/08/2016	172518	25	N	150		24	-3.9	-6.1	97	68	0.94			-3.9	-6.1		396419.85	6906735.35	1102
1124844	24/08/2016	172606	25	N	162.5		24	-4.7	-6	98	50	0.88			-4.7	-6		396428.38	6906745.04	1103
1124844	24/08/2016	172706	25	N	175		24	-7.4	-6.8	98	35	0.83			-7.4	-6.8		396434.41	6906755.09	1105
1124844	24/08/2016	172806	25	N	187.5		24	-8.7	-7.8	98	53	0.88			-8.7	-7.8		396440.73	6906764.86	1106
1124844	24/08/2016	173122	25	N	200		24	-7.7	-4.5	98	48	0.87	1					396448.33	6906773.99	1109
1124844	24/08/2016	173138	25	N	200		24	-9.4	-5.1	98	43	0.85			-9.4	-5.1		396448.37	6906774.09	1109
1124844	24/08/2016	173226	25	N	212.5		24	-8.3	-4.5	98	60	0.92			-8.3	-4.5		396458.79	6906783.03	1110
1124844	24/08/2016	173314	25	N	225		24	-9	-5.9	98	57	0.9			-9	-5.9		396463.53	6906792.2	1111
1124844	24/08/2016	173402	25	N	237.5		24	-12.3	-10.3	98	71	0.96			-12.3	-10.3		396469.64	6906802.41	1113
1124844	24/08/2016	173438	25	N	250		24	-5.7	-4.5	65	96	0.92			-5.7	-4.5		396472.49	6906815.44	1115
1124844	24/08/2016	173534	25	N	262.5		24	-9.3	-6	98	63	0.92			-9.3	-6		396478.79	6906826.11	1114
1124844	24/08/2016	173610	25	N	275		24	-7.8	-6.3	98	78	1	1					396486	6906837.14	1116
1124844	24/08/2016	173638	25	N	275		24	-8.3	-5.6	98	70	0.96			-8.3	-5.6		396485.39	6906837.77	1116
1124844	24/08/2016	173854	25	N	287.5		24	0.2	-0.6	98	66	0.94			0.2	-0.6		396493.67	6906847.17	1117
1124844	24/08/2016	173926	25	N	300		24	1.9	-1.3	98	49	0.87			1.9	-1.3		396500.57	6906856.77	1119
1124844	24/08/2016	173954	25	N	312.5		24	1.4	-5.2	98	62	0.92			1.4	-5.2		396508.15	6906866.47	1120
1124844	24/08/2016	174026	25	N	325		24	8.3	-0.2	98	59	0.91			8.3	-0.2		396516.21	6906877.45	1120
1124844	24/08/2016	174110	25	N	337.5		24	9.6	1.3	98	53	0.89			9.6	1.3		396523.51	6906886.6	1119
1124844	24/08/2016	174138	25	N	350		24	6.5	-4.4	98	62	0.92			6.5	-4.4		396531.86	6906897.11	1120
1124844	24/08/2016	174206	25	N	362.5		24	18	5.7	98	53	0.89			18	5.7		396539.15	6906907.64	1121
1124844	24/08/2016	174234	25	N	375		24	16.3	6	98	48	0.87			16.3	6		396546.9	6906918.48	1121
1124844	24/08/2016	174334	25	N	387.5		24	15	4.2	98	56	0.9			15	4.2		396553.32	6906925.84	1121
1124844	24/08/2016	174350	25	N	387.5		24	14.4	2.8	98	52	0.88	1					396553.31	6906925.81	1121
1124844	24/08/2016	174410	25	N	387.5		24	14.4	2.6	98	56	0.9	2					396553.29	6906925.79	1121
1124844	24/08/2016	174442	25	N	400		24	12	2	98	57	0.9			12	2		396561.87	6906936.24	1120
1124844	24/08/2016	174502	25	N	400		24	11.2	-0.1	98	55	0.9	1					396561.67	6906935.69	1120
1124844	24/08/2016	174530	25	N	412.5		24	13	3.3	98	42	0.85			13	3.3		396570.65	6906943.91	1120
1124844	24/08/2016	174618	25	N	425		24	10.7	3.5	98	37	0.83			10.7	3.5		396576.69	6906955.25	1118
1124844	24/08/2016	174658	25	N	437.5		24	11.3	4.7	98	44	0.86			11.3	4.7		396583.35	6906963.67	1118
1124844	24/08/2016	174734	25	N	450		24	12.9	7.7	98	46	0.86			12.9	7.7		396589.98	6906974.81	1117
1124844	24/08/2016	174806	25	N	462.5		24	11.1	7.1	98	55	0.89			11.1	7.1		396597.49	6906983.58	1117

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	174838	25	N	475		24	8.2	5.9	98	51	0.88			8.2	5.9		396604.27	6906993.18	1116
1124844	24/08/2016	174926	25	N	487.5		24	6	6.1	98	35	0.83			6	6.1		396610.95	6907003.26	1114
1124844	24/08/2016	174958	25	N	500		24	4.2	5.4	98	30	0.82			4.2	5.4		396615.72	6907014.74	1113
1124844	24/08/2016	175018	25	N	500		24	3.9	4.7	98	35	0.83	1					396616.19	6907014.93	1113
1124844	24/08/2016	175058	25	N	512.5		24	1.6	4.9	98	26	0.81			1.6	4.9		396623.11	6907026.02	1112
1124844	24/08/2016	175118	25	N	512.5		24	0.4	3.4	98	26	0.81	1					396623.52	6907026.16	1112
1124844	24/08/2016	175158	25	N	525		24	-0.2	6.1	98	39	0.84			-0.2	6.1		396630.63	6907035.98	1111
1124844	24/08/2016	175218	25	N	525		24	1.5	5.7	98	39	0.84	1					396630.92	6907035.85	1111
1124844	24/08/2016	175322	25	N	537.5		24	-0.3	5.7	98	40	0.84			-0.3	5.7		396638.18	6907044.62	1110
1124844	24/08/2016	175338	25	N	537.5		24	-1.5	6	98	41	0.85	2					396638.34	6907044.59	1109
1124844	24/08/2016	175358	25	N	537.5		24	-2.5	4.9	98	35	0.83	1					396637.97	6907044.7	1109
1124844	24/08/2016	175434	25	N	550		24	-2.9	7.4	98	43	0.85			-2.9	7.4		396646.71	6907057.13	1107
1124844	24/08/2016	175502	25	N	562.5		24	-5.3	8.7	98	45	0.86			-5.3	8.7		396654.13	6907066.57	1106
1124844	24/08/2016	175534	25	N	575		24	-6.1	7.1	98	44	0.85			-6.1	7.1		396659.56	6907076.49	1105
1124844	24/08/2016	175618	25	N	587.5		24	-9.8	8.4	98	33	0.82			-9.8	8.4		396667.53	6907085.27	1103
1124844	24/08/2016	175638	25	N	587.5		24	-8.8	6.8	98	34	0.83	2					396667.55	6907085.44	1102
1124844	24/08/2016	175654	25	N	587.5		24	-9.7	7.2	98	30	0.82	1					396667.63	6907085.56	1102
1124844	24/08/2016	175734	25	N	600		24	-9.8	8.5	98	34	0.83			-9.8	8.5		396674.85	6907095.65	1100
1124844	24/08/2016	175750	25	N	600		24	-9.8	8.5	98	43	0.85	1					396674.94	6907095.42	1101
1124844	24/08/2016	175822	25	N	612.5		24	-10.6	9.1	98	34	0.83			-10.6	9.1		396680.89	6907105.93	1099
1124844	24/08/2016	175910	25	N	625		24	-8.6	8.4	98	52	0.89			-8.6	8.4		396687.2	6907116.25	1099
1124844	24/08/2016	175958	25	N	637.5		24	-10.1	10.2	98	44	0.85	1					396696.33	6907125.98	1098
1124844	24/08/2016	180034	25	N	637.5		24	-10	11	98	40	0.84			-10	11		396696.27	6907126.23	1098
1124844	24/08/2016	180110	25	N	650		24	-10.6	11.1	98	49	0.87			-10.6	11.1		396703.62	6907135.43	1097
1124844	24/08/2016	180142	25	N	662.5		24	-13.2	11.4	98	37	0.83			-13.2	11.4		396712.03	6907146.19	1097
1124844	24/08/2016	180214	25	N	675		24	-14.6	10.4	98	42	0.85			-14.6	10.4		396719.38	6907155.8	1097
1124844	24/08/2016	180254	25	N	687.5		24	-12.2	9.3	94	55	0.86			-12.2	9.3		396725.82	6907165.21	1096
1124844	24/08/2016	180326	25	N	700		24	-16.9	10	97	53	0.88			-16.9	10		396731.05	6907176.43	1097
1124844	24/08/2016	180402	25	N	712.5		24	-20.7	8.1	95	51	0.86			-20.7	8.1		396738.59	6907188.15	1097
1124844	24/08/2016	180442	25	N	725		24	-21.3	8.4	97	54	0.89			-21.3	8.4		396741.5	6907199.9	1097
1124844	24/08/2016	180626	25	N	737.5		24	-25	7.5	98	53	0.88			-25	7.5		396750.51	6907208.77	1097
1124844	24/08/2016	180702	25	N	750		24	-27.6	7.4	98	53	0.89	1					396758.54	6907218.31	1098
1124844	24/08/2016	180718	25	N	750		24	-29.6	7.3	98	37	0.83			-29.6	7.3		396758.56	6907218.61	1099
1124844	24/08/2016	180750	25	N	762.5		24	-27.4	7.3	98	52	0.88			-27.4	7.3		396766.15	6907227.09	1100
1124844	24/08/2016	180826	25	N	775		24	-21	6.1	98	70	0.95			-21	6.1		396771.47	6907238.66	1102
1124844	24/08/2016	180906	25	N	787.5		24	-20	6.6	98	66	0.94			-20	6.6		396780.28	6907248.59	1103
1124844	24/08/2016	180946	25	N	800		24	-15.7	5.2	98	62	0.92			-15.7	5.2		396785.1	6907256.66	1104
1124844	24/08/2016	181022	25	N	812.5		24	-12.9	4.6	98	57	0.9			-12.9	4.6		396791.97	6907268.95	1105
1124844	24/08/2016	181126	25	N	825		24	-9.4	1.7	98	69	0.95			-9.4	1.7		396799.59	6907279.66	1107
1124844	24/08/2016	181158	25	N	837.5		24	-10.4	0.6	98	70	0.96			-10.4	0.6		396806.1	6907289.13	1108
1124844	24/08/2016	181230	25	N	850		24	-9.2	0.9	98	61	0.92			-9.2	0.9		396811.87	6907300.14	1110
1124844	24/08/2016	181306	25	N	862.5		24	-10.4	1.1	98	53	0.89			-10.4	1.1		396820.32	6907309.38	1110
1124844	24/08/2016	181350	25	N	875		24	-9.6	0	98	50	0.88			-9.6	0		396829	6907319.21	1110
1124844	24/08/2016	181426	25	N	887.5		24	-5.2	-0.8	90	70	0.91			-5.2	-0.8		396834.58	6907329.69	1112
1124844	24/08/2016	181534	25	N	900		24	-10.7	-1.1	98	48	0.87			-10.7	-1.1		396842.4	6907340	1112
1124844	24/08/2016	181614	25	N	912.5		24	-10.1	-2.9	98	48	0.87			-10.1	-2.9		396847.81	6907347.27	1114
1124844	24/08/2016	181654	25	N	925		24	-15.3	-5.6	98	37	0.84			-15.3	-5.6		396857.2	6907357.27	1114
1124844	24/08/2016	181734	25	N	937.5		24	-19.2	-8.3	98	20	0.8			-19.2	-8.3		396868.17	6907365.95	1115
1124844	24/08/2016	181802	25	N	937.5		24	-15.9	-7	98	50	0.88	1					396867.49	6907366.53	1115
1124844	24/08/2016	181858	25	N	950		24	-17.7	-10.3	98	60	0.92			-17.7	-10.3		396873.3	6907376.49	1117
1124844	24/08/2016	182006	25	N	962.5		24	-17.7	-12.3	98	50	0.88			-17.7	-12.3		396879.48	6907385.89	1117
1124844	24/08/2016	182042	25	N	975		24	-16.3	-12.7	98	65	0.94			-16.3	-12.7		396885.7	6907394.12	1119
1124844	24/08/2016	182122	25	N	987.5		24	-10.7	-12.9	98	81	1.01			-10.7	-12.9		396892.93	6907404.09	1122
1124844	24/08/2016	182238	25	N	1000		24	-10.1	-17.8	98	41	0.85			-10.1	-17.8		396899.48	6907415.15	1123
1124844	24/08/2016	182334	25	N	1012.5		24	-7.7	-19.9	98	48	0.87			-7.7	-19.9		396906.51	6907424.29	1126
1124844	24/08/2016	182414	25	N	1025		24	2.3	-18.1	90	89	1.01			2.3	-18.1		396910.78	6907435.84	1127
1124844	24/08/2016	182454	25	N	1037.5		24	2.1	-17.1	98	84	1.03			2.1	-17.1		396914.32	6907447.81	1130

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	182526	25	N	1050		24	4.1	-19.8	98	76	0.99			4.1	-19.8		396919.11	6907458.38	1131
1124844	24/08/2016	182602	25	N	1062.5		24	7.6	-21.7	98	60	0.92			7.6	-21.7		396924.51	6907471.55	1132
1124844	24/08/2016	182638	25	N	1075		24	10.4	-20.5	98	61	0.92	1					396932.14	6907480.94	1134
1124844	24/08/2016	182658	25	N	1075		24	9.7	-21.1	98	64	0.93			9.7	-21.1		396932.57	6907481.24	1133
1124844	24/08/2016	182738	25	N	1087.5		24	13.1	-18.5	98	66	0.94			13.1	-18.5		396940.05	6907489.44	1136
1124844	24/08/2016	182826	25	N	1100		24	16.2	-18.3	98	65	0.94			16.2	-18.3		396947.46	6907500.29	1138
1124844	24/08/2016	183038	25	N	1112.5		24	18.1	-19.7	98	40	0.84			18.1	-19.7		396953.85	6907509.95	1140
1124844	24/08/2016	183122	25	N	1125		24	18.4	-16.1	98	52	0.88			18.4	-16.1		396962.16	6907519.17	1140
1124844	24/08/2016	183210	25	N	1137.5		24	17.4	-14.9	98	63	0.93			17.4	-14.9		396969.57	6907526.91	1141
1124844	24/08/2016	183242	25	N	1137.5		24	17.1	-15.7	98	57	0.9	1					396970.22	6907527.24	1142
1124844	24/08/2016	183318	25	N	1150		24	14.1	-17.1	98	45	0.86			14.1	-17.1		396977.53	6907538.03	1143
1124844	24/08/2016	183406	25	N	1162.5		24	15.8	-14.1	98	37	0.84			15.8	-14.1		396984.69	6907552.22	1146
1124844	24/08/2016	183426	25	N	1162.5		24	14.2	-16.2	98	30	0.82			14.2	-16.2		396984.98	6907552.32	1145
1124844	24/08/2016	183530	25	N	1175		24	13.5	-12.5	98	44	0.86	1					396997.25	6907566.74	1147
1124844	24/08/2016	183602	25	N	1187.5		24	10.4	-11	98	43	0.85			10.4	-11		397005.78	6907574.51	1149
1124844	24/08/2016	183642	25	N	1200		24	8.4	-12.9	98	20	0.8			8.4	-12.9		397014.13	6907583.7	1150
1124844	24/08/2016	183702	25	N	1200		24	7.8	-14.1	98	39	0.84	1					397013.27	6907583.94	1149
1124844	24/08/2016	183742	25	N	1212.5		24	6.6	-13	98	38	0.84			6.6	-13		397020.41	6907592.78	1151
1124844	24/08/2016	183758	25	N	1212.5		24	6.8	-11.5	98	33	0.83	1					397020.73	6907592.06	1150
1124844	24/08/2016	183946	25	N	1225		24	5.1	-9.2	98	49	0.87			5.1	-9.2		397029.12	6907604.37	1153
1124844	24/08/2016	184026	25	N	1237.5		24	8.6	-4.9	98	57	0.9			8.6	-4.9		397033.9	6907613.41	1155
1124844	24/08/2016	184110	25	N	1250		24	13.5	-0.9	91	64	0.89			13.5	-0.9		397040.6	6907622.22	1156
1124844	24/08/2016	184154	25	N	1262.5		24	8.7	-1.9	98	51	0.88			8.7	-1.9		397046.08	6907634.04	1158
1124844	24/08/2016	184234	25	N	1275		24	5.6	-2.9	98	54	0.89			5.6	-2.9		397052.91	6907643.81	1158
1124844	24/08/2016	184314	25	N	1287.5		24	6.1	-5.4	93	52	0.85			6.1	-5.4		397058.69	6907654.06	1160
1124844	24/08/2016	184702	25	N	1300		24	0.2	-7.1	91	55	0.85			0.2	-7.1		397067.31	6907665.42	1162
1124844	24/08/2016	184722	25	N	1300		24	0.3	-8.3	95	54	0.87	1					397067.1	6907665.24	1162
1124844	24/08/2016	184754	25	N	1312.5		24	-3.4	-10.7	95	49	0.85			-3.4	-10.7		397071.24	6907671.34	1162
1124844	24/08/2016	184842	25	N	1325		24	-6.7	-13	98	50	0.87			-6.7	-13		397079.17	6907679.93	1163
1124844	24/08/2016	184938	25	N	1337.5		24	-11.3	-14.3	98	43	0.85	1					397087.1	6907689.87	1165
1124844	24/08/2016	184958	25	N	1337.5		24	-10.5	-13.5	98	45	0.86			-10.5	-13.5		397086.88	6907688.96	1165
1124844	24/08/2016	185038	25	N	1350		24	-11.2	-10.5	98	38	0.84			-11.2	-10.5		397094.78	6907698.33	1166
1124844	24/08/2016	185130	25	N	1362.5		24	-12.4	-13	98	41	0.85	2					397103.91	6907705.31	1167
1124844	24/08/2016	185150	25	N	1362.5		24	-11.8	-11.6	98	41	0.85	1					397104.49	6907706.5	1167
1124844	24/08/2016	185206	25	N	1362.5		24	-13	-11.8	98	37	0.84			-13	-11.8		397103.53	6907706.72	1167
1124844	24/08/2016	185254	25	N	1375		24	-10	-8.8	98	60	0.92			-10	-8.8		397112.86	6907714.23	1169
1124844	24/08/2016	185434	25	N	1387.5		24	7.8	6.3	98	66	0.94			7.8	6.3		397117.99	6907725.95	1169
1124844	24/08/2016	185518	25	N	1400		24	9.1	9.3	98	51	0.88			9.1	9.3		397124.16	6907735.94	1170
1124844	24/08/2016	185550	25	N	1412.5		24	5.6	4.5	98	55	0.89			5.6	4.5		397129.23	6907746.65	1172
1124844	24/08/2016	185630	25	N	1425		24	3.8	3.6	98	50	0.87			3.8	3.6		397136.97	6907757.42	1172
1124844	24/08/2016	185706	25	N	1437.5		24	-2.1	1.3	98	45	0.86			-2.1	1.3		397142.86	6907765.83	1173
1124844	24/08/2016	185750	25	N	1450		24	-2.2	3.8	98	41	0.85			-2.2	3.8		397150.26	6907777.41	1174
1124844	24/08/2016	185830	25	N	1462.5		24	-0.8	0.3	85	65	0.85			-0.8	0.3		397159.23	6907786.35	1174
1124844	24/08/2016	185914	25	N	1475		24	-6	0.2	98	53	0.89			-6	0.2		397163.51	6907798.73	1176
1124844	24/08/2016	185950	25	N	1487.5		24	-7.9	-0.7	95	57	0.88			-7.9	-0.7		397169.64	6907808.31	1174
1124844	24/08/2016	190050	25	N	1500		24	-17	-2.9	98	43	0.85			-17	-2.9		397176.18	6907820.22	1176
1124844	24/08/2016	190150	25	N	1512.5		24	-18.3	-4.5	98	48	0.87			-18.3	-4.5		397185.34	6907826.36	1176
1124844	24/08/2016	190254	25	N	1525		24	-24.3	-6.6	98	32	0.82	1					397193.81	6907833.46	1175
1124844	24/08/2016	190318	25	N	1525		24	-24.6	-7.9	98	40	0.84			-24.6	-7.9		397194.49	6907832.65	1174
1124844	24/08/2016	190434	25	N	1537.5		24	-27	-5.4	98	37	0.83	1					397202.18	6907845.99	1176
1124844	24/08/2016	190454	25	N	1537.5		24	-27.2	-7.2	98	48	0.87			-27.2	-7.2		397202.46	6907845.24	1175
1124844	24/08/2016	190546	25	N	1550		24	-23	-5.5	95	51	0.86			-23	-5.5		397211.95	6907854.91	1175
1124844	24/08/2016	190614	25	N	1550		24	-25.7	-5.5	98	62	0.93	1					397212.1	6907852.68	1178
1124844	24/08/2016	190846	25	N	1562.5		24	-23.9	-2.5	98	64	0.93			-23.9	-2.5		397217.46	6907864.08	1178
1124844	24/08/2016	190930	25	N	1575		24	-17.9	2.4	98	76	0.99			-17.9	2.4		397226.41	6907875.17	1177
1124844	24/08/2016	191010	25	N	1587.5		24	-14.1	5.9	98	77	0.99	1					397229.2	6907884.15	1178
1124844	24/08/2016	191030	25	N	1587.5		24	-13.3	4.3	98	72	0.97			-13.3	4.3		397229.17	6907883.31	1177

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	191106	25	N	1600		24	-6.2	8.7	98	49	0.87			-6.2	8.7		397234.41	6907895.93	1178
1124844	24/08/2016	191154	25	N	1612.5		24	-8.3	6.4	98	34	0.83			-8.3	6.4		397246.35	6907903.09	1178
1124844	24/08/2016	191250	25	N	1625		24	-10.6	3.8	98	38	0.84			-10.6	3.8		397248.67	6907913.97	1177
1124844	24/08/2016	191330	25	N	1637.5		24	-9.8	6	98	21	0.8			-9.8	6		397258.16	6907922.26	1178
1124844	24/08/2016	191418	25	N	1650		24	-12.5	3.2	98	33	0.83			-12.5	3.2		397264.92	6907933.48	1178
1124844	24/08/2016	191450	25	N	1662.5		24	-12.8	0.5	98	39	0.84			-12.8	0.5		397270.64	6907943.61	1178
1124844	24/08/2016	191550	25	N	1675		24	-17.2	-1.6	98	47	0.87			-17.2	-1.6		397277.25	6907953.88	1177
1124844	24/08/2016	191622	25	N	1687.5		24	-16.9	-1.9	98	45	0.86			-16.9	-1.9		397282.97	6907965	1177
1124844	24/08/2016	191642	25	N	1687.5		24	-17.4	-2.3	98	56	0.9	1					397282.9	6907965.52	1178
1124844	24/08/2016	191714	25	N	1700		24	-17.1	-0.2	98	33	0.83			-17.1	-0.2		397289.69	6907974.76	1179
1124844	24/08/2016	191758	25	N	1712.5		24	-9.9	3.4	98	25	0.81			-9.9	3.4		397299.91	6907983.59	1177
1124844	24/08/2016	191834	25	N	1725		24	-13.4	0.9	98	21	0.8			-13.4	0.9		397307.02	6907992.28	1177
1124844	24/08/2016	191950	25	N	1737.5		24	-6.9	0.9	98	55	0.89			-6.9	0.9		397312.13	6908006.09	1177
1124844	24/08/2016	192026	25	N	1750		24	-9.7	-2.5	98	44	0.86			-9.7	-2.5		397317.47	6908014.64	1178
1124844	24/08/2016	192106	25	N	1762.5		24	-9.3	-6.1	98	59	0.91			-9.3	-6.1		397326.94	6908025.43	1179
1124844	24/08/2016	192122	25	N	1762.5		24	-7.5	-5.6	98	68	0.95	2					397326.8	6908025.12	1178
1124844	24/08/2016	192138	25	N	1762.5		24	-10.4	-7.2	98	57	0.9	1					397326.86	6908025.02	1178
1124844	24/08/2016	192222	25	N	1775		24	1	-4	98	41	0.85			1	-4		397334.17	6908034.45	1179
1124844	24/08/2016	192310	25	N	1787.5		24	3.3	-4.1	98	46	0.87			3.3	-4.1		397338.79	6908044.2	1178
1124844	24/08/2016	192330	25	N	1787.5		24	2.1	-5.1	98	45	0.86	1					397338.78	6908044.44	1179
1124844	24/08/2016	192406	25	N	1800		24	5.5	-6.1	98	50	0.88	1					397345.28	6908053.25	1180
1124844	24/08/2016	192426	25	N	1800		24	3.5	-6	98	41	0.85			3.5	-6		397344.86	6908053.28	1181
1124844	24/08/2016	192454	25	N	1812.5		24	-0.2	-9.8	98	30	0.82	1					397350.82	6908062.44	1181
1124844	24/08/2016	192510	25	N	1812.5		24	-1.6	-10.2	98	33	0.83			-1.6	-10.2		397351.26	6908061.99	1180
1124844	24/08/2016	192546	25	N	1825		24	0.2	-10.5	98	43	0.85			0.2	-10.5		397361.54	6908073.96	1181
1124844	24/08/2016	192602	25	N	1825		24	-3	-11.9	99	51	0.88	1					397360.98	6908075.35	1186
1124844	24/08/2016	192650	25	N	1837.5		24	0	-11.2	98	40	0.84	1					397370.1	6908083.48	1183
1124844	24/08/2016	192706	25	N	1837.5		24	0.3	-10.1	98	58	0.91			0.3	-10.1		397369.64	6908083.67	1182
1124844	24/08/2016	192738	25	N	1850		24	-3.2	-11.8	95	64	0.91	1					397372.53	6908095.1	1185
1124844	24/08/2016	192806	25	N	1850		24	-3.8	-12.4	99	51	0.88			-3.8	-12.4		397372.3	6908094.56	1184
1124844	24/08/2016	192846	25	N	1862.5		24	-7.7	-13.4	98	38	0.84			-7.7	-13.4		397383.28	6908103.3	1185
1124844	24/08/2016	192922	25	N	1875		24	-5.6	-11.8	98	33	0.82			-5.6	-11.8		397392.62	6908109.24	1184
1124844	24/08/2016	192942	25	N	1875		24	-8	-13.1	99	43	0.86	1					397392.42	6908109.72	1185
1124844	24/08/2016	193126	25	N	1887.5		24	-1.5	-7.5	96	64	0.92			-1.5	-7.5		397397.43	6908118.58	1183
1124844	24/08/2016	193206	25	N	1900		24	-5.8	-8.7	98	52	0.88			-5.8	-8.7		397405.26	6908127.91	1183
1124844	24/08/2016	193246	25	N	1912.5		24	-10.9	-12.3	98	34	0.83			-10.9	-12.3		397413.38	6908139.53	1184
1124844	24/08/2016	193322	25	N	1925		24	-14.1	-14.8	98	46	0.86			-14.1	-14.8		397420.81	6908148.88	1186
1124844	24/08/2016	193410	25	N	1937.5		24	-21.5	-16.7	99	50	0.88	1					397425.77	6908160.27	1186
1124844	24/08/2016	193438	25	N	1937.5		24	-21	-19.9	98	39	0.84			-21	-19.9		397425.52	6908159.86	1189
1124844	24/08/2016	193514	25	N	1950		24	-22.7	-19.4	98	34	0.83			-22.7	-19.4		397429.56	6908171.77	1190
1124844	24/08/2016	193558	25	N	1962.5		24	-9.3	-8.1	99	55	0.9			-9.3	-8.1		397432.56	6908184.52	1191
1124844	24/08/2016	193626	25	N	1975		24	-9.2	-8.1	98	55	0.9	1					397432.86	6908185.11	1191
1124844	24/08/2016	193642	25	N	1975		24	-9.6	-9.5	99	43	0.85			-9.6	-9.5		397433.02	6908184.95	1191
1124844	24/08/2016	193718	25	N	1987.5		24	-9.3	-10.1	99	46	0.87			-9.3	-10.1		397437.22	6908194.05	1192
1124844	24/08/2016	193754	25	N	2000		24	-11.3	-13.1	98	47	0.87			-11.3	-13.1		397444.07	6908206.9	1192
1124844	24/08/2016	193834	25	N	2012.5		24	-16.3	-16.5	99	29	0.82			-16.3	-16.5		397449.93	6908217.36	1195
1124844	24/08/2016	193906	25	N	2025		24	-19.2	-17.4	98	27	0.81			-19.2	-17.4		397459.49	6908224.23	1194
1124844	24/08/2016	193942	25	N	2037.5		24	-16.3	-12.8	98	48	0.87			-16.3	-12.8		397466.66	6908233.86	1195
1124844	24/08/2016	194018	25	N	2050		24	-21.2	-17.8	98	57	0.9			-21.2	-17.8		397472.31	6908244.53	1195
1124844	24/08/2016	194106	25	N	2062.5		24	-6.7	-8.3	99	28	0.81			-6.7	-8.3		397484.23	6908254.83	1196
1124844	24/08/2016	194158	25	N	2075		24	-6	-6.4	98	21	0.8			-6	-6.4		397489.44	6908263.86	1195
1124844	24/08/2016	194234	25	N	2087.5		24	-5.9	-7.1	98	14	0.79			-5.9	-7.1		397500.73	6908271.99	1195
1124844	24/08/2016	194458	25	N	2100		24	-1.2	-4.8	99	51	0.88			-1.2	-4.8		397504.88	6908281.06	1198
1124844	24/08/2016	194654	25	N	2112.5		24	-1.5	-3.2	98	38	0.84			-1.5	-3.2		397510.57	6908289.44	1196
1124844	24/08/2016	194726	25	N	2125		24	2.8	-2.1	98	54	0.89			2.8	-2.1		397513.9	6908301.93	1197
1124844	24/08/2016	194754	25	N	2137.5		24	3.1	-0.2	98	27	0.81			3.1	-0.2		397522.93	6908311.86	1197
1124844	24/08/2016	194826	25	N	2150		24	6.2	2.2	98	27	0.81			6.2	2.2		397529.24	6908320.84	1198

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	194854	25	N	2162.5		24	6.3	0.6	98	25	0.81	1					397539.23	6908330.19	1197
1124844	24/08/2016	194910	25	N	2162.5		24	4.7	-0.5	98	9	0.78			4.7	-0.5		397539.4	6908330.41	1197
1124844	24/08/2016	194946	25	N	2175		24	4.4	2.7	98	32	0.82			4.4	2.7		397546.64	6908340.62	1197
1124844	24/08/2016	195014	25	N	2187.5		24	12.5	8	98	40	0.85			12.5	8		397553.69	6908350.2	1196
1124844	24/08/2016	195050	25	N	2200		24	13	8.9	98	31	0.82			13	8.9		397562.55	6908359.73	1196
1124844	24/08/2016	195106	25	N	2200		24	11.1	8.9	99	36	0.83	1					397562.86	6908360.14	1196
1124844	24/08/2016	195134	25	N	2212.5		24	10.5	8.6	98	21	0.8			10.5	8.6		397570.24	6908369.5	1195
1124844	24/08/2016	195218	25	N	2225		24	8.8	7.6	98	43	0.85			8.8	7.6		397577.7	6908378.85	1192
1124844	24/08/2016	195246	25	N	2237.5		24	6.7	7	98	50	0.88			6.7	7		397584.44	6908389.79	1193
1124844	24/08/2016	195314	25	N	2250		24	3.3	6.7	98	32	0.82			3.3	6.7		397588.86	6908399.94	1192
1124844	24/08/2016	195354	25	N	2262.5		24	-1.6	3.6	98	51	0.88	1					397591.16	6908412.74	1192
1124844	24/08/2016	195418	25	N	2262.5		24	-0.8	2.4	99	47	0.87			-0.8	2.4		397590.3	6908413.29	1191
1124844	24/08/2016	195454	25	N	2275		24	-7.1	0.4	98	30	0.82			-7.1	0.4		397597.25	6908423.89	1191
1124844	24/08/2016	195538	25	N	2287.5		24	-5.3	2.1	98	50	0.88			-5.3	2.1		397604.23	6908434.42	1190
1124844	24/08/2016	195610	25	N	2300		24	-6.9	3	98	43	0.85			-6.9	3		397610.33	6908443.99	1189
1124844	24/08/2016	195642	25	N	2312.5		24	-10.5	2.5	99	31	0.82			-10.5	2.5		397619.68	6908452.99	1187
1124844	24/08/2016	195734	25	N	2325		24	-9.7	4.7	99	24	0.81	1					397629.18	6908461.27	1185
1124844	24/08/2016	195754	25	N	2325		24	-9.5	4.6	99	30	0.82			-9.5	4.6		397629.25	6908461.3	1186
1124844	24/08/2016	195838	25	N	2337.5		24	-9.3	3.6	98	20	0.8			-9.3	3.6		397638.82	6908470.98	1185
1124844	24/08/2016	195910	25	N	2350		24	-12.9	2	99	13	0.79			-12.9	2		397645.02	6908477.29	1182
1124844	24/08/2016	195946	25	N	2362.5		24	-13.9	0.6	98	29	0.81			-13.9	0.6		397653.95	6908486.18	1182
1124844	24/08/2016	200022	25	N	2375		24	-16.3	-2.4	98	44	0.86			-16.3	-2.4		397663.18	6908496.08	1178
1124844	24/08/2016	200106	25	N	2387.5		24	-14.7	-1.9	98	51	0.88			-14.7	-1.9		397670.67	6908507.81	1177
1124844	24/08/2016	200138	25	N	2400		24	-8.6	-0.1	99	51	0.88			-8.6	-0.1		397675.16	6908515.84	1176
1124844	24/08/2016	200214	25	N	2412.5		24	-9.8	0.6	99	24	0.81			-9.8	0.6		397681.04	6908526.69	1176
1124844	24/08/2016	200246	25	N	2425		24	-7.5	-1	98	44	0.86			-7.5	-1		397688.05	6908537.47	1176
1124844	24/08/2016	200322	25	N	2437.5		24	-8.2	-1.9	98	46	0.86			-8.2	-1.9		397694.19	6908548.39	1174
1124844	24/08/2016	200354	25	N	2450		24	-10	-1.8	98	41	0.85			-10	-1.8		397701.6	6908557.71	1172
1124844	24/08/2016	200426	25	N	2462.5		24	-12.7	-4.5	99	51	0.88			-12.7	-4.5		397706.27	6908564.5	1171
1124844	24/08/2016	200442	25	N	2462.5		24	-13.6	-4.5	98	56	0.9	1					397706.26	6908564.49	1172
8042731	24/08/2019	170502	27	N	0.00		24	9.3	2.4	57	34	1.06			9.3	2.4		396551.47	6906588.18	1096
8042732	24/08/2020	170522	27	N	0.00		24	-12.5	10.6	58	40	1.12	1					396551.55	6906588.1	1096
8042733	24/08/2021	170618	27	N	12.50		24	8.5	2.3	51	39	1.02	1					396558.7	6906598.8	1098
8042734	24/08/2022	170646	27	N	12.50		24	9.1	2.3	48	41	1.01	1					396559.26	6906599.71	1098
8042735	24/08/2023	170726	27	N	25.00		24	9.7	1.9	115	60	1.03			9.7	1.9		396565.8	6906609.24	1098
8042736	24/08/2024	170810	27	N	37.50		24	15.4	6.4	117	65	1.06			15.4	6.4		396571.85	6906618.85	1102
8042737	24/08/2025	170850	27	N	50.00		24	17.7	6.7	120	68	1.09			17.7	6.7		396579	6906626.85	1103
8042738	24/08/2026	170950	27	N	62.50		24	18	7.5	106	83	1.07			18	7.5		396586.3	6906638.68	1104
8042739	24/08/2027	171046	27	N	75.00		24	15.9	7.5	112	78	1.08			15.9	7.5		396593.74	6906648.44	1106
8042740	24/08/2028	171125	27	N	87.50		24	17.4	7.8	107	80	1.07			17.4	7.8		396600.84	6906656.75	1107
8042741	24/08/2029	171154	27	N	100.00		24	17.5	8.2	103	87	1.07			17.5	8.2		396600.69	6906656.84	1107
8042742	24/08/2030	171454	27	N	112.50		24	-17	-7.9	105	85	1.07			-17	-7.9		396606.23	6906669.41	1110
8042743	24/08/2031	171550	27	N	125.00		24	-19	-9.4	122	74	1.13			-19	-9.4		396613.38	6906678.61	1113
8042744	24/08/2032	171630	27	N	137.50		24	-20	-8.6	57	43	1.14			-20	-8.6		396620.84	6906688.67	1114
8042745	24/08/2033	171722	27	N	150.00		24	-17.8	-7.7	59	41	1.14			-17.8	-7.7		396626.99	6906698.69	1116
8042746	24/08/2034	171810	27	N	162.50		24	-17.7	-7.5	57	44	1.14			-17.7	-7.5		396632.71	6906709.49	1117
8042747	24/08/2035	171854	27	N	175.00		24	-14.5	-6.9	56	46	1.16			-14.5	-6.9		396638.98	6906720.14	1117
8042748	24/08/2036	171938	27	N	187.50		24	-8.4	-3.6	66	40	1.23			-8.4	-3.6		396648.76	6906729.34	1121
8042749	24/08/2037	172018	27	N	200.00		24	-3.3	-0.1	65	40	1.23			-3.3	-0.1		396656.42	6906739.78	1121
8042750	24/08/2038	172058	27	N	212.50		24	-2.2	0.3	61	43	1.19			-2.2	0.3		396665.87	6906750.38	1122
8042751	24/08/2039	172146	27	N	225.00		24	0.3	0	61	39	1.15			0.3	0		396672.54	6906758.88	1124
8042752	24/08/2040	172306	27	N	237.50		24	-2.5	0.5	64	37	1.18			-2.5	0.5		396677.6	6906767.89	1125
8042753	24/08/2041	172346	27	N	250.00		24	-4.2	1.2	66	38	1.21			-4.2	1.2		396686.09	6906778.55	1126
8042754	24/08/2042	172454	27	N	262.50		24	-1.7	0.1	70	28	1.2			-1.7	0.1		396696	6906790.69	1127
8042755	24/08/2043	172554	27	N	275.00		24	-0.7	2.2	69	28	1.19			-0.7	2.2		396703.89	6906795.19	1128
8042756	24/08/2044	172654	27	N	287.50		24	-4.2	-0.6	62	36	1.14			-4.2	-0.6		396711.5	6906806.56	1129
8042757	24/08/2045	172730	27	N	300.00		24	-7.3	-2.3	62	37	1.15			-7.3	-2.3		396717.52	6906814.57	1128

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042758	24/08/2046	172902	27	N	312.50		24	-3.8	2.4	63	42	1.21			-3.8	2.4		396725.15	6906826.74	1128
8042759	24/08/2047	172942	27	N	325.00		24	-2	2.2	63	41	1.2			-2	2.2		396731.52	6906835.84	1130
8042760	24/08/2048	173046	27	N	337.50		24	1.4	4.1	59	44	1.18			1.4	4.1		396737.3	6906847.77	1128
8042761	24/08/2049	173130	27	N	350.00		24	4.7	7.1	60	44	1.19			4.7	7.1		396743.47	6906858.39	1128
8042762	24/08/2050	173222	27	N	362.50		24	8.1	10.9	55	42	1.11			8.1	10.9		396749.58	6906868.42	1128
8042763	24/08/2051	173302	27	N	375.00		24	8.3	10.3	56	37	1.08			8.3	10.3		396756.69	6906878.93	1128
8042764	24/08/2052	173354	27	N	387.50		24	6.2	9.7	60	34	1.11			6.2	9.7		396763.98	6906891.47	1128
8042765	24/08/2053	173434	27	N	400.00		24	6.7	10.1	57	38	1.09			6.7	10.1		396769.71	6906901.35	1127
8042766	24/08/2054	173518	27	N	412.50		24	6.8	9.6	64	25	1.09			6.8	9.6		396780.07	6906910.83	1127
8042767	24/08/2055	173602	27	N	425.00		24	4.8	8.7	59	30	1.06			4.8	8.7		396786.76	6906918.9	1124
8042768	24/08/2056	173658	27	N	437.50		24	3.6	9.7	57	33	1.05			3.6	9.7		396793.65	6906929.35	1125
8042769	24/08/2057	173910	27	N	450.00		24	3	9.3	58	30	1.04			3	9.3		396801.41	6906937.87	1126
8042770	24/08/2058	173958	27	N	462.50		24	1.5	9.4	55	31	1.01			1.5	9.4		396809.77	6906949.06	1124
8042771	24/08/2059	174038	27	N	475.00		24	1.2	9.5	56	33	1.03			1.2	9.5		396817.35	6906959.83	1122
8042772	24/08/2060	174118	27	N	487.50		24	1	11	54	31	0.99			1	11		396824.91	6906969.7	1121
8042773	24/08/2061	174154	27	N	500.00		24	-1.6	8.8	50	35	0.98			-1.6	8.8		396830.96	6906981.02	1120
8042774	24/08/2062	174230	27	N	512.50		24	-3.5	8.5	53	33	0.99			-3.5	8.5		396836.05	6906991	1118
8042775	24/08/2063	174314	27	N	525.00		24	-2.7	10.2	50	34	0.97			-2.7	10.2		396845.72	6907004.14	1116
8042776	24/08/2064	174346	27	N	537.50		24	-4	10.3	53	34	1			-4	10.3		396850.57	6907012.68	1115
8042777	24/08/2065	174430	27	N	550.00		24	-2.6	12.5	54	32	1.01			-2.6	12.5		396858.52	6907023.19	1113
8042778	24/08/2066	174446	27	N	550.00		24	-3	11.6	53	33	1	1					396858.37	6907023.48	1113
8042779	24/08/2067	174522	27	N	562.50		24	-1.9	13.1	52	33	0.99			-1.9	13.1		396866.54	6907034.27	1113
8042780	24/08/2068	174602	27	N	575.00		24	-2.4	13.2	54	33	1.01			-2.4	13.2		396874.36	6907044.33	1111
8042781	24/08/2069	174642	27	N	587.50		24	-4.3	13.7	53	31	0.98			-4.3	13.7		396883	6907055.84	1109
8042782	24/08/2070	174718	27	N	600.00		24	-3.7	15	57	27	1.01			-3.7	15		396888.67	6907063.31	1108
8042783	24/08/2071	174750	27	N	612.50		24	-3.6	14.5	57	27	1.01			-3.6	14.5		396895.56	6907071.07	1108
8042784	24/08/2072	174834	27	N	625.00		24	-5.1	15	53	29	0.97			-5.1	15		396902.61	6907081.43	1107
8042785	24/08/2073	174914	27	N	637.50		24	-8.2	13.6	54	28	0.98			-8.2	13.6		396910.38	6907091.82	1105
8042786	24/08/2074	175002	27	N	650.00		24	-10.9	12.8	54	31	1			-10.9	12.8		396918.97	6907103.92	1104
8042787	24/08/2075	175050	27	N	662.50		24	-13.1	10.4	57	27	1.01			-13.1	10.4		396924.6	6907112.75	1103
8042788	24/08/2076	175222	27	N	675.00		24	-11.1	12.9	53	34	1.01			-11.1	12.9		396930.48	6907121.59	1104
8042789	24/08/2077	175310	27	N	687.50		24	-12.9	14.2	56	29	1			-12.9	14.2		396938.08	6907131.62	1104
8042790	24/08/2078	175402	27	N	700.00		24	-14.1	12.9	51	34	0.98			-14.1	12.9		396945.7	6907142.18	1104
8042791	24/08/2079	175458	27	N	712.50		24	-13.9	11.8	55	33	1.03			-13.9	11.8		396952.36	6907152.84	1103
8042792	24/08/2080	175606	27	N	725.00		24	-12.2	12.6	56	31	1.02			-12.2	12.6		396962.37	6907162.66	1104
8042793	24/08/2081	175642	27	N	737.50		24	-13.3	10.4	56	30	1.01			-13.3	10.4		396968.5	6907171.46	1104
8042794	24/08/2082	175738	27	N	750.00		24	-14.6	10.4	49	38	0.99			-14.6	10.4		396973.78	6907183.18	1104
8042795	24/08/2083	175854	27	N	762.50		24	-13.8	10.9	119	59	1.06			-13.8	10.9		396979.39	6907193.49	1104
8042796	24/08/2084	180138	27	N	775.00		24	-15.7	9.3	116	61	1.04			-15.7	9.3		396986.42	6907202.4	1105
8042797	24/08/2085	180222	27	N	787.50		24	-16.2	6.9	112	68	1.04			-16.2	6.9		396992.87	6907214.07	1105
8042798	24/08/2086	180310	27	N	800.00		24	-16.7	10.4	78	93	0.96			-16.7	10.4		397000.41	6907226.11	1105
8042799	24/08/2087	180358	27	N	812.50		24	-15.5	9.7	115	69	1.06			-15.5	9.7		397009.95	6907236.05	1106
8042800	24/08/2088	180438	27	N	825.00		24	-16.6	9.6	118	67	1.08			-16.6	9.6		397016.45	6907246.37	1107
8042801	24/08/2089	180510	27	N	837.50		24	-15.7	8.1	117	65	1.07			-15.7	8.1		397022.2	6907254.17	1108
8042802	24/08/2090	180546	27	N	850.00		24	-16.7	7.7	120	64	1.08			-16.7	7.7		397028.32	6907262.98	1109
8042803	24/08/2091	180626	27	N	862.50		24	-17.1	9.6	123	60	1.09			-17.1	9.6		397036.6	6907273.54	1110
8042804	24/08/2092	180710	27	N	875.00		24	-18.1	6.1	54	38	1.05			-18.1	6.1		397045.16	6907285.93	1111
8042805	24/08/2093	180750	27	N	887.50		24	-17.2	5.9	57	35	1.08			-17.2	5.9		397052.24	6907297.58	1111
8042806	24/08/2094	180830	27	N	900.00		24	-18	5.5	53	37	1.03			-18	5.5		397057.07	6907304.9	1113
8042807	24/08/2095	180914	27	N	912.50		24	-15.3	2.7	56	36	1.07			-15.3	2.7		397063.35	6907314.93	1114
8042808	24/08/2096	181110	27	N	925.00		24	-15	0.6	52	39	1.04			-15	0.6		397071.8	6907328.85	1117
8042809	24/08/2097	181150	27	N	937.50		24	-16.2	0.2	54	40	1.08			-16.2	0.2		397077.07	6907336.07	1117
8042810	24/08/2098	181246	27	N	950.00		24	-15.1	-1.8	54	38	1.05			-15.1	-1.8		397084.99	6907346.82	1118
8042811	24/08/2099	181326	27	N	962.50		24	-16.1	-2.5	44	45	1.01			-16.1	-2.5		397091.61	6907356.14	1119
8042812	24/08/2100	181418	27	N	975.00		24	-14	-4.2	119	74	1.11			-14	-4.2		397098.49	6907366.52	1119
8042813	24/08/2101	181522	27	N	987.50		24	-13.5	-5.4	105	83	1.07			-13.5	-5.4		397106.3	6907378.65	1120
8042814	24/08/2102	181602	27	N	1000.00		24	-10.2	-6.7	114	81	1.11			-10.2	-6.7		397113.21	6907385.58	1122

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042815	24/08/2103	181722	27	N	1012.50		24	-9	-4.4	117	78	1.11			-9	-4.4		397121.54	6907394.75	1123
8042816	24/08/2104	181802	27	N	1025.00		24	-6.6	-4.7	119	73	1.11			-6.6	-4.7		397128.49	6907403.99	1124
8042817	24/08/2105	182014	27	N	1037.50		24	-4.3	-6.7	122	64	1.09			-4.3	-6.7		397138.35	6907413.82	1125
8042818	24/08/2106	182050	27	N	1050.00		24	-7.2	-7.8	55	36	1.05			-7.2	-7.8		397147.34	6907426.56	1126
8042819	24/08/2107	182130	27	N	1062.50		24	-9.1	-8	56	33	1.05			-9.1	-8		397156.47	6907440	1127
8042820	24/08/2108	182158	27	N	1075.00		24	-8.3	-8.7	58	30	1.05			-8.3	-8.7		397161.2	6907445.47	1127
8042821	24/08/2109	182242	27	N	1087.50		24	-8.3	-7.9	52	35	1			-8.3	-7.9		397166.23	6907453.84	1128
8042822	24/08/2110	182326	27	N	1100.00		24	-12.4	-9.3	27	45	0.84			-12.4	-9.3		397170.03	6907464.82	1129
8042823	24/08/2111	182406	27	N	1112.50		24	-12.7	-10.7	48	93	0.83			-12.7	-10.7		397172	6907476.13	1131
8042824	24/08/2112	182506	27	N	1125.00		24	-13.8	-5.8	118	60	1.05			-13.8	-5.8		397177.78	6907487.54	1131
8042825	24/08/2113	182602	27	N	1137.50		24	-12.9	-6	121	53	1.05			-12.9	-6		397187.22	6907494.64	1132
8042826	24/08/2114	182702	27	N	1150.00		24	-17.7	-6.7	99	73	0.97			-17.7	-6.7		397195.19	6907503.4	1136
8042827	24/08/2115	182818	27	N	1162.50		24	-16.1	-7.9	122	54	1.06			-16.1	-7.9		397202.69	6907512.56	1135
8042828	24/08/2116	182906	27	N	1175.00		24	-12	-3.8	61	30	1.08			-12	-3.8		397210.83	6907522.05	1137
8042829	24/08/2117	183006	27	N	1187.50		24	-10.9	-2	63	21	1.06			-10.9	-2		397220.29	6907530.63	1137
8042830	24/08/2118	183042	27	N	1200.00		24	-12.1	0	56	27	0.99			-12.1	0		397227.13	6907538.77	1142
8042831	24/08/2119	183118	27	N	1212.50		24	-15.4	-1.5	57	26	1			-15.4	-1.5		397233.83	6907546.35	1142
8042832	24/08/2120	183210	27	N	1225.00		24	-18.3	-4.3	63	19	1.05			-18.3	-4.3		397243.5	6907557.62	1141
8042833	24/08/2121	183314	27	N	1237.50		24	-21	-4.7	55	27	0.99			-21	-4.7		397252.98	6907569.21	1144
8042834	24/08/2122	183350	27	N	1250.00		24	-24.3	-6.1	54	30	0.99			-24.3	-6.1		397254.9	6907578.28	1144
8042835	24/08/2123	183442	27	N	1262.50		24	-31.7	-9.8	47	39	0.97			-31.7	-9.8		397263.29	6907593.14	1149
8042836	24/08/2124	183526	27	N	1275.00		24	-29.9	-9.5	120	64	1.08			-29.9	-9.5		397269.93	6907599	1149
8042837	24/08/2125	183618	27	N	1287.50		24	-30.8	-8.6	121	73	1.12			-30.8	-8.6		397274.77	6907609.19	1149
8042838	24/08/2126	183730	27	N	1300.00		24	-26.2	-4	106	91	1.11			-26.2	-4		397279.72	6907617.12	1149
8042839	24/08/2127	183810	27	N	1312.50		24	-16.7	2.9	96	95	1.08			-16.7	2.9		397286.36	6907628.7	1150
8042840	24/08/2128	183850	27	N	1325.00		24	-17.8	2.6	118	72	1.1			-17.8	2.6		397293.91	6907639.21	1152
8042841	24/08/2129	184202	27	N	1337.50		24	-20.5	3.3	117	66	1.07			-20.5	3.3		397303.36	6907652.48	1151
8042842	24/08/2130	184238	27	N	1350.00		24	-22.4	1	119	65	1.08			-22.4	1		397307.42	6907660.98	1154
8042843	24/08/2131	184314	27	N	1362.50		24	-25.8	-1.9	106	72	1.02			-25.8	-1.9		397314.94	6907668.96	1154
8042844	24/08/2132	184410	27	N	1375.00		24	-28.2	-3.1	127	53	1.09			-28.2	-3.1		397321.12	6907678.17	1156
8042845	24/08/2133	184546	27	N	1387.50		24	-27	-2	61	38	1.15			-27	-2		397328.43	6907689.5	1156
8042846	24/08/2134	184638	27	N	1400.00		24	-22.1	3.7	61	32	1.1			-22.1	3.7		397337.35	6907700.01	1157
8042847	24/08/2135	184730	27	N	1412.50		24	-24.5	2.9	62	33	1.12			-24.5	2.9		397344.12	6907708.46	1158
8042848	24/08/2136	184854	27	N	1425.00		24	-21.9	5.6	56	40	1.09			-21.9	5.6		397353.93	6907721.94	1159
8042849	24/08/2137	184930	27	N	1437.50		24	-19.6	8.9	58	39	1.12			-19.6	8.9		397359.83	6907730.17	1159
8042850	24/08/2138	185006	27	N	1450.00		24	-21.3	9	57	34	1.06			-21.3	9		397365.17	6907738.22	1160
8042851	24/08/2139	185058	27	N	1462.50		24	-23	9.3	60	32	1.08			-23	9.3		397371.82	6907747.7	1160
8042852	24/08/2140	185430	27	N	1475.00		24	-23.8	10.1	63	30	1.12			-23.8	10.1		397381.72	6907759.46	1160
8042853	24/08/2141	185506	27	N	1487.50		24	-23.3	11.7	60	32	1.08			-23.3	11.7		397387.85	6907767.53	1161
8042854	24/08/2142	185602	27	N	1500.00		24	-25.9	10.8	56	34	1.05			-25.9	10.8		397396.49	6907778.03	1162
8042855	24/08/2143	185646	27	N	1512.50		24	-25.5	11.6	60	32	1.09			-25.5	11.6		397404.78	6907787.66	1163
8042856	24/08/2144	185742	27	N	1525.00		24	-27.9	14.1	56	35	1.06			-27.9	14.1		397414.57	6907798.97	1163
8042857	24/08/2145	185826	27	N	1537.50		24	-29.1	13.1	58	33	1.07			-29.1	13.1		397421.82	6907807.92	1163
8042858	24/08/2146	185954	27	N	1550.00		24	-29.1	14	60	33	1.09			-29.1	14		397427.16	6907819.74	1163
8042859	24/08/2147	190046	27	N	1562.50		24	-34.6	12.4	52	39	1.04			-34.6	12.4		397433.33	6907830.56	1164
8042860	24/08/2148	190158	27	N	1575.00		24	-36.5	9.6	54	40	1.08			-36.5	9.6		397438.73	6907839.95	1163
8042861	24/08/2149	190238	27	N	1587.50		24	-35.8	9.2	56	44	1.14			-35.8	9.2		397444.15	6907851.17	1164
8042862	24/08/2150	190318	27	N	1600.00		24	-32.7	11	65	39	1.21			-32.7	11		397449.18	6907859.56	1165
8042863	24/08/2151	190402	27	N	1612.50		24	-29.5	9.5	60	45	1.19			-29.5	9.5		397454.96	6907868.31	1166
8042864	24/08/2152	190502	27	N	1625.00		24	-20.5	10.7	64	43	1.24			-20.5	10.7		397464.37	6907880.06	1165
8042865	24/08/2153	190542	27	N	1637.50		24	-15.2	9.1	61	46	1.22			-15.2	9.1		397471.71	6907888.68	1167
8042866	24/08/2154	190630	27	N	1650.00		24	-12.4	4.8	59	46	1.19			-12.4	4.8		397481.5	6907902.15	1166
8042867	24/08/2155	190714	27	N	1662.50		24	-14.3	2.2	57	48	1.19			-14.3	2.2		397487.54	6907913.07	1167
8042868	24/08/2156	190758	27	N	1675.00		24	-10.4	0.1	55	49	1.19			-10.4	0.1		397492.63	6907920.43	1167
8042869	24/08/2157	190846	27	N	1687.50		24	-5.4	-2	59	47	1.19			-5.4	-2		397501.88	6907931.02	1168
8042870	24/08/2158	190922	27	N	1700.00		24	-1.4	-2.4	59	47	1.19			-1.4	-2.4		397509.18	6907939.57	1166
8042871	24/08/2159	191006	27	N	1712.50		24	0.7	-2.9	53	47	1.13			0.7	-2.9		397516.95	6907951.39	1166

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042872	24/08/2160	191042	27	N	1725.00		24	-1.1	-4.5	57	43	1.14			-1.1	-4.5		397522.83	6907960.55	1167
8042873	24/08/2161	191134	27	N	1737.50		24	2.8	-3.6	63	40	1.18			2.8	-3.6		397530.36	6907969.36	1168
8042874	24/08/2162	191206	27	N	1750.00		24	4.3	-4	58	41	1.13			4.3	-4		397538.13	6907979.3	1165
8042875	24/08/2163	191242	27	N	1762.50		24	7.3	-1.6	60	39	1.14			7.3	-1.6		397544.66	6907987.22	1168
8042876	24/08/2164	191330	27	N	1775.00		24	10.1	0	51	43	1.06			10.1	0		397553.32	6907998.07	1168
8042877	24/08/2165	191402	27	N	1787.50		24	14.1	0.4	52	39	1.04			14.1	0.4		397559.73	6908008.43	1169
8042878	24/08/2166	191442	27	N	1800.00		24	9.2	0.7	53	34	1			9.2	0.7		397566.14	6908017.95	1169
8042879	24/08/2167	191526	27	N	1812.50		24	5	0.5	53	32	0.98			5	0.5		397572.55	6908028.88	1171
8042880	24/08/2168	191614	27	N	1825.00		24	1.3	-2.9	54	31	0.99			1.3	-2.9		397579.85	6908038.73	1171
8042881	24/08/2169	191702	27	N	1837.50		24	-2.3	-3.5	48	35	0.94			-2.3	-3.5		397587.57	6908050.5	1171
8042882	24/08/2170	191738	27	N	1850.00		24	-7.7	-2.2	109	66	1.02			-7.7	-2.2		397595.66	6908059.94	1171
8042883	24/08/2171	191810	27	N	1862.50		24	-12.1	-1.9	111	57	0.99			-12.1	-1.9		397600.89	6908068.8	1171
8042884	24/08/2172	191902	27	N	1875.00		24	-14.5	-4.1	117	65	1.06			-14.5	-4.1		397611.47	6908084.71	1172
8042885	24/08/2173	191934	27	N	1887.50		24	-12.7	-0.1	117	61	1.05			-12.7	-0.1		397616.54	6908091.81	1168
8042886	24/08/2174	192018	27	N	1900.00		24	-15.8	-0.4	109	66	1.01			-15.8	-0.4		397623.13	6908101.93	1169
8042887	24/08/2175	192058	27	N	1912.50		24	-16.4	-2.1	100	71	0.97			-16.4	-2.1		397630.55	6908113.68	1168
8042888	24/08/2176	192138	27	N	1925.00		24	-20	-2.9	112	68	1.04			-20	-2.9		397636.12	6908127.58	1170
8042889	24/08/2177	192210	27	N	1937.50		24	-21.3	-3.5	111	71	1.04			-21.3	-3.5		397639.61	6908134.35	1168
8042890	24/08/2178	192254	27	N	1950.00		24	-18.4	-0.7	123	66	1.11			-18.4	-0.7		397648.22	6908142.71	1171
8042891	24/08/2179	192334	27	N	1962.50		24	-12.7	1.7	59	34	1.09			-12.7	1.7		397651.36	6908153.04	1168
8042892	24/08/2180	192414	27	N	1975.00		24	-13.9	2.9	60	31	1.08			-13.9	2.9		397662.35	6908165.12	1167
8042893	24/08/2181	192450	27	N	1987.50		24	-18.3	0	55	34	1.04			-18.3	0		397669.15	6908173.76	1163
8042894	24/08/2182	192530	27	N	2000.00		24	-21.6	-2.1	57	33	1.06			-21.6	-2.1		397676	6908183.83	1165
8042895	24/08/2183	192606	27	N	2012.50		24	-25.6	-2.5	56	37	1.07			-25.6	-2.5		397682.6	6908195.09	1162
8042896	24/08/2184	192638	27	N	2025.00		24	-23.7	-2.1	61	37	1.15			-23.7	-2.1		397688.57	6908205.32	1165
8042897	24/08/2185	192802	27	N	2037.50		24	-22.7	-1.7	68	29	1.18			-22.7	-1.7		397698.57	6908218.03	1163
8042898	24/08/2186	192846	27	N	2050.00		24	-21.4	-1.4	60	41	1.16			-21.4	-1.4		397707.09	6908224.93	1163
8042899	24/08/2187	192914	27	N	2062.50		24	-14.7	1.7	66	37	1.21			-14.7	1.7		397711.79	6908231	1159
8042900	24/08/2188	193002	27	N	2075.00		24	-11.3	2.3	62	42	1.19			-11.3	2.3		397716.63	6908239.5	1158
8042901	24/08/2189	193046	27	N	2087.50		24	-6	5.9	65	37	1.2			-6	5.9		397722.82	6908247.87	1156
8042902	24/08/2190	193130	27	N	2100.00		24	-2.5	9	63	35	1.14			-2.5	9		397731.41	6908262.05	1158
8042903	24/08/2191	193206	27	N	2112.50		24	-4.1	7.2	65	30	1.14			-4.1	7.2		397737.7	6908270.36	1158
8042904	24/08/2192	193254	27	N	2125.00		24	-5.1	8.2	59	34	1.08			-5.1	8.2		397744.18	6908281.12	1158
8042905	24/08/2193	193434	27	N	2137.50		24	-9	5.5	54	36	1.03			-9	5.5		397751.52	6908293.29	1156
8042906	24/08/2194	193510	27	N	2150.00		24	-12	4.6	54	36	1.03			-12	4.6		397759.03	6908304.82	1154
8042907	24/08/2195	193558	27	N	2162.50		24	-13.7	2.8	59	29	1.05			-13.7	2.8		397765.09	6908314.85	1157
8042908	24/08/2196	193658	27	N	2175.00		24	-17.4	1.7	58	31	1.05			-17.4	1.7		397774.06	6908327.18	1154
8042909	24/08/2197	193738	27	N	2187.50		24	-20.5	-1.1	61	26	1.06			-20.5	-1.1		397782.31	6908338.7	1154
8042910	24/08/2198	193810	27	N	2200.00		24	-21.6	-1.5	62	30	1.1			-21.6	-1.5		397789.56	6908346.21	1152
8042911	24/08/2199	193846	27	N	2212.50		24	-23.1	-0.7	60	30	1.07			-23.1	-0.7		397795.94	6908352.28	1149
8042912	24/08/2200	193926	27	N	2225.00		24	-22.8	-2.5	59	39	1.13			-22.8	-2.5		397804.13	6908363.63	1149
8042913	24/08/2201	194018	27	N	2237.50		24	-10.8	3.4	60	40	1.15			-10.8	3.4		397814.48	6908376.51	1147
8042914	24/08/2202	194050	27	N	2250.00		24	-9.4	5.2	58	38	1.11			-9.4	5.2		397819.13	6908384.27	1147
8042915	24/08/2203	194130	27	N	2262.50		24	-6.3	4.8	57	42	1.13			-6.3	4.8		397828.65	6908396.62	1144
8042916	24/08/2204	194218	27	N	2275.00		24	-5.4	4.2	60	35	1.1			-5.4	4.2		397834.28	6908407.36	1144
8042917	24/08/2205	194246	27	N	2287.50		24	-4	6.2	60	34	1.1			-4	6.2		397840.21	6908416.16	1142
8042918	24/08/2206	194318	27	N	2300.00		24	-4.1	6.1	59	36	1.11			-4.1	6.1		397845.93	6908422.61	1139
8042919	24/08/2207	194350	27	N	2312.50		24	-3.4	6	62	32	1.1			-3.4	6		397852.28	6908431.67	1139
8042920	24/08/2208	194422	27	N	2325.00		24	-3.3	5.3	64	31	1.13			-3.3	5.3		397861.43	6908442.01	1137
8042921	24/08/2209	194442	27	N	2325.00		24	-4	5.2	62	32	1.12	1					397861.45	6908441.62	1137
1124844	24/08/2016	234238	29	N	0.00		24	-8.3	-1.3	98	54	0.89	1					396649.84	6906425.4	1095
1124844	24/08/2016	234310	29	N	0.00		24	-5.1	1	98	21	0.8	1					396649.41	6906425.27	1095
1124844	24/08/2016	234330	29	N	0.00		24	-6.6	-0.2	98	24	0.8			-6.6	-0.2		396649.4	6906425.23	1095
1124844	24/08/2016	234202	29	N	12.50		24	-7.8	-2.4	98	-1	0.78			-7.8	-2.4		396654.74	6906430.36	1092
1124844	24/08/2016	234102	29	N	25.00		24	-14	-6.8	98	64	0.93			-14	-6.8		396664.8	6906440.9	1091
1124844	24/08/2016	234014	29	N	37.50		24	-12.9	-5.3	98	15	0.79			-12.9	-5.3		396673.17	6906450.2	1093
1124844	24/08/2016	233858	29	N	50.00		24	-12.6	-5.9	98	86	1.03	1					396681.44	6906459.61	1098

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	233914	29	N	50.00		24	-11.8	-5.8	98	80	1	1					396680.9	6906458.77	1098
1124844	24/08/2016	233938	29	N	50.00		24	-15.4	-6.9	98	33	0.82			-15.4	-6.9		396680.57	6906459.83	1097
1124844	24/08/2016	233822	29	N	62.50		24	-9	-3.6	98	86	1.04			-9	-3.6		396684.6	6906471.54	1102
1124844	24/08/2016	233750	29	N	75.00		24	-8.8	-2.3	98	50	0.88			-8.8	-2.3		396691.29	6906482.45	1105
1124844	24/08/2016	233702	29	N	87.50		24	-8.1	-3.4	98	23	0.8	1					396697.53	6906489.78	1108
1124844	24/08/2016	233722	29	N	87.50		24	-6.3	-2	98	38	0.84			-6.3	-2		396697.48	6906489.17	1106
1124844	24/08/2016	233626	29	N	100.00		24	-11.2	-5.1	98	28	0.81			-11.2	-5.1		396707.8	6906498.04	1114
1124844	24/08/2016	233426	29	N	112.50		24	-11	-6.6	98	52	0.88	1					396715.04	6906506.11	1115
1124844	24/08/2016	233450	29	N	112.50		24	-11.5	-8.2	98	46	0.86			-11.5	-8.2		396715.19	6906504.27	1114
1124844	24/08/2016	233354	29	N	125.00		24	-15.5	-10.1	98	39	0.84			-15.5	-10.1		396719.5	6906516.28	1117
1124844	24/08/2016	233306	29	N	137.50		24	-12.4	-8	98	62	0.92			-12.4	-8		396724.74	6906526.78	1118
1124844	24/08/2016	233322	29	N	137.50		24	-12.7	-7.7	99	74	0.98	1					396724.55	6906525.74	1119
1124844	24/08/2016	233234	29	N	150.00		24	-15	-8.9	98	62	0.93			-15	-8.9		396732.92	6906537.93	1120
1124844	24/08/2016	233150	29	N	162.50		24	-13.2	-8.1	98	62	0.92			-13.2	-8.1		396742.39	6906545.17	1123
1124844	24/08/2016	233118	29	N	175.00		24	-7.1	-3.6	98	63	0.93			-7.1	-3.6		396748.53	6906555.45	1125
1124844	24/08/2016	233046	29	N	187.50		24	-2.8	-0.4	98	58	0.91			-2.8	-0.4		396756.56	6906565.81	1127
1124844	24/08/2016	233014	29	N	200.00		24	-4.1	-3.1	98	46	0.86			-4.1	-3.1		396764.33	6906577.51	1129
1124844	24/08/2016	232946	29	N	212.50		24	-8.8	-6.9	98	50	0.88			-8.8	-6.9		396770.35	6906588.31	1130
1124844	24/08/2016	232850	29	N	225.00		24	-9.9	-8.5	98	11	0.79	1					396776.68	6906597.84	1131
1124844	24/08/2016	232910	29	N	225.00		24	-4.8	-6.7	98	7	0.78			-4.8	-6.7		396776.72	6906597.13	1131
1124844	24/08/2016	232754	29	N	237.50		24	-9.8	-7.7	98	70	0.96			-9.8	-7.7		396788.87	6906604.28	1132
1124844	24/08/2016	232722	29	N	250.00		24	-6.3	-5	99	74	0.98			-6.3	-5		396797.16	6906613.99	1134
1124844	24/08/2016	232650	29	N	262.50		24	-4.1	-4.5	98	80	1.01			-4.1	-4.5		396803.05	6906624.09	1135
1124844	24/08/2016	232618	29	N	275.00		24	-3.1	-5.1	98	67	0.94			-3.1	-5.1		396809.15	6906634.04	1136
1124844	24/08/2016	232550	29	N	287.50		24	-4.7	-5.7	98	67	0.95			-4.7	-5.7		396813.66	6906643.94	1137
1124844	24/08/2016	232518	29	N	300.00		24	5.1	2	98	85	1.04			5.1	2		396819.04	6906657.49	1137
1124844	24/08/2016	232450	29	N	312.50		24	8.4	4.7	98	61	0.92			8.4	4.7		396827.4	6906668.25	1138
1124844	24/08/2016	232426	29	N	325.00		24	4.1	1.1	98	72	0.97			4.1	1.1		396834.62	6906676.18	1140
1124844	24/08/2016	232354	29	N	337.50		24	4.6	0.6	98	80	1.01			4.6	0.6		396837.79	6906690.17	1142
1124844	24/08/2016	232250	29	N	350.00		24	10.1	4.8	98	69	0.96			10.1	4.8		396845.82	6906700.1	1144
1124844	24/08/2016	232150	29	N	362.50		24	12.3	7.3	98	50	0.88			12.3	7.3		396854.09	6906707.23	1145
1124844	24/08/2016	232102	29	N	375.00		24	11.5	5.3	98	31	0.82			11.5	5.3		396864.46	6906710.71	1147
1124844	24/08/2016	232006	29	N	387.50		24	9.6	5.2	98	60	0.92	1					396875.33	6906720.57	1152
1124844	24/08/2016	232022	29	N	387.50		24	8	4.3	98	60	0.92			8	4.3		396874.69	6906720.4	1151
1124844	24/08/2016	231934	29	N	400.00		24	4.4	0.2	98	74	0.98			4.4	0.2		396882.05	6906732.11	1151
1124844	24/08/2016	231858	29	N	412.50		24	4.4	-0.1	98	76	0.99			4.4	-0.1		396889.17	6906741.48	1151
1124844	24/08/2016	231826	29	N	425.00		24	5.6	-0.3	98	71	0.96			5.6	-0.3		396894.23	6906753.02	1149
1124844	24/08/2016	231742	29	N	437.50		24	5.8	2	97	94	1.08			5.8	2		396900.27	6906763.67	1149
1124844	24/08/2016	231654	29	N	450.00		24	2.8	1.5	99	93	1.08			2.8	1.5		396903.58	6906776.96	1147
1124844	24/08/2016	231622	29	N	462.50		24	9.6	7.5	98	72	0.97			9.6	7.5		396911.85	6906786.68	1147
1124844	24/08/2016	231550	29	N	475.00		24	13.5	12.2	98	58	0.91			13.5	12.2		396917.19	6906797.35	1145
1124844	24/08/2016	231518	29	N	487.50		24	10.3	9.9	98	58	0.91			10.3	9.9		396925.74	6906806.78	1145
1124844	24/08/2016	231438	29	N	500.00		24	10	8.2	98	60	0.92			10	8.2		396932.68	6906817.13	1144
1124844	24/08/2016	231406	29	N	512.50		24	8	7.9	98	67	0.94			8	7.9		396940.95	6906826.1	1143
1124844	24/08/2016	231146	29	N	525.00		24	11.4	10.3	98	54	0.89			11.4	10.3		396946.72	6906835.51	1141
1124844	24/08/2016	231022	29	N	537.50		24	12.5	9.9	98	62	0.92			12.5	9.9		396955.49	6906845.93	1140
1124844	24/08/2016	230942	29	N	550.00		24	15.4	14	98	65	0.94			15.4	14		396963.52	6906856.67	1138
1124844	24/08/2016	230910	29	N	562.50		24	9.1	10.4	98	62	0.93			9.1	10.4		396967.06	6906866.95	1136
1124844	24/08/2016	230838	29	N	575.00		24	8	8.7	98	82	1.02			8	8.7		396976.22	6906876.38	1135
1124844	24/08/2016	230806	29	N	587.50		24	10	10.3	98	69	0.95			10	10.3		396983.04	6906886.95	1133
1124844	24/08/2016	230722	29	N	600.00		24	10.2	15.1	98	58	0.91			10.2	15.1		396990.98	6906896.01	1131
1124844	24/08/2016	230642	29	N	612.50		24	9.4	12.3	99	77	0.99			9.4	12.3		397001.2	6906904.41	1129
1124844	24/08/2016	230606	29	N	625.00		24	9.8	13.9	98	42	0.85			9.8	13.9		397005.6	6906916.65	1128
1124844	24/08/2016	230530	29	N	637.50		24	10.4	14.4	98	34	0.83			10.4	14.4		397014.3	6906923.74	1126
1124844	24/08/2016	230446	29	N	650.00		24	5.7	9.1	98	65	0.94			5.7	9.1		397024.57	6906931.78	1124
1124844	24/08/2016	230414	29	N	662.50		24	0.8	6.5	98	66	0.94			0.8	6.5		397031.9	6906941.59	1122
1124844	24/08/2016	230326	29	N	675.00		24	3.7	9.2	98	72	0.97			3.7	9.2		397038.1	6906951.89	1120

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	230250	29	N	687.50		24	4.3	10.1	98	62	0.92			4.3	10.1		397042.91	6906962.8	1118
1124844	24/08/2016	230218	29	N	700.00		24	0.9	8.9	98	49	0.87			0.9	8.9		397050.16	6906974.12	1116
1124844	24/08/2016	230146	29	N	712.50		24	-2.9	7.8	98	61	0.92			-2.9	7.8		397058.16	6906982.17	1114
1124844	24/08/2016	230050	29	N	725.00		24	-3.5	5.8	98	64	0.94			-3.5	5.8		397064.14	6906993.62	1114
1124844	24/08/2016	230014	29	N	737.50		24	-4.8	6.8	98	45	0.86			-4.8	6.8		397071.57	6907004.74	1113
1124844	24/08/2016	225934	29	N	750.00		24	-8.8	5.3	98	63	0.93			-8.8	5.3		397077.34	6907014.93	1112
1124844	24/08/2016	225906	29	N	762.50		24	-6.1	8.3	98	36	0.83			-6.1	8.3		397082.25	6907025.45	1110
1124844	24/08/2016	225834	29	N	775.00		24	-9	7.5	98	34	0.83			-9	7.5		397088.68	6907037.69	1109
1124844	24/08/2016	225754	29	N	787.50		24	-10.6	6.3	98	49	0.87			-10.6	6.3		397094.86	6907047.65	1109
1124844	24/08/2016	225722	29	N	800.00		24	-9.2	6.3	98	12	0.79			-9.2	6.3		397105.88	6907056.1	1108
1124844	24/08/2016	225630	29	N	812.50		24	-10.3	4.7	98	57	0.9	2					397114.12	6907063.29	1108
1124844	24/08/2016	225654	29	N	812.50		24	-9.6	7	98	48	0.87			-9.6	7		397114.13	6907063.43	1108
1124844	24/08/2016	225558	29	N	825.00		24	-12.8	4.9	98	37	0.84			-12.8	4.9		397121.74	6907074.49	1108
1124844	24/08/2016	225318	29	N	837.50		24	-10.1	6.6	94	76	0.96	2					397149.05	6907071.35	1110
1124844	24/08/2016	225434	29	N	837.50		24	-14.3	7	98	25	0.81			-14.3	7		397129.27	6907083.47	1109
1124844	24/08/2016	225042	29	N	850.00		24	-8.2	6.8	98	74	0.98			-8.2	6.8		397147.61	6907084.54	1109
1124844	24/08/2016	224902	29	N	862.50		24	-14.7	12.1	69	85	0.87			-14.7	12.1		397151.18	6907095.18	1108
1124844	24/08/2016	224758	29	N	875.00		24	-12.7	5.9	98	66	0.94			-12.7	5.9		397155.89	6907106.58	1109
1124844	24/08/2016	224706	29	N	887.50		24	-19.8	8	70	85	0.88			-19.8	8		397162.41	6907118.96	1110
1124844	24/08/2016	224634	29	N	900.00		24	-18.6	5.4	90	86	0.99			-18.6	5.4		397161.23	6907130.39	1109
1124844	24/08/2016	224602	29	N	912.50		24	-14.1	5.5	99	69	0.96			-14.1	5.5		397165.46	6907141.69	1109
1124844	24/08/2016	224502	29	N	925.00		24	-19.1	6.5	98	24	0.81			-19.1	6.5		397172.42	6907153.07	1111
1124844	24/08/2016	224410	29	N	937.50		24	-21.4	6.4	98	32	0.82			-21.4	6.4		397181.68	6907160.81	1111
1124844	24/08/2016	224430	29	N	937.50		24	-18.6	7.5	99	33	0.83	1					397180.91	6907160.71	1110
1124844	24/08/2016	224318	29	N	950.00		24	-24.4	6.3	98	48	0.87			-24.4	6.3		397190.27	6907169.24	1110
1124844	24/08/2016	224234	29	N	962.50		24	-23.3	6.5	98	51	0.88			-23.3	6.5		397200.21	6907177.04	1111
1124844	24/08/2016	224138	29	N	975.00		24	-22.7	5.6	98	68	0.95			-22.7	5.6		397206.21	6907188.12	1112
1124844	24/08/2016	224110	29	N	987.50		24	-24.8	4	98	61	0.92			-24.8	4		397209.93	6907198.94	1112
1124844	24/08/2016	224030	29	N	1000.00		24	-26	7.2	98	55	0.9			-26	7.2		397218.55	6907210.21	1113
1124844	24/08/2016	223958	29	N	1012.50		24	-21.5	5.8	98	51	0.88			-21.5	5.8		397229.24	6907217.76	1113
1124844	24/08/2016	223918	29	N	1025.00		24	-20.2	5.8	98	63	0.93			-20.2	5.8		397235.66	6907228.72	1114
1124844	24/08/2016	223826	29	N	1037.50		24	-18.6	3.1	98	32	0.82	1					397242.38	6907237.81	1116
1124844	24/08/2016	223846	29	N	1037.50		24	-20.8	4.3	99	17	0.79			-20.8	4.3		397242.06	6907237.61	1115
1124844	24/08/2016	223758	29	N	1050.00		24	-26.5	0.5	98	32	0.82			-26.5	0.5		397248.88	6907246.63	1115
1124844	24/08/2016	223658	29	N	1062.50		24	-20.5	-2	98	52	0.88			-20.5	-2		397254.13	6907258.41	1120
1124844	24/08/2016	223610	29	N	1075.00		24	-17.5	-2.4	98	62	0.92			-17.5	-2.4		397259.87	6907266.78	1116
1124844	24/08/2016	223534	29	N	1087.50		24	-9.3	-4.6	98	75	0.98			-9.3	-4.6		397269.98	6907275.25	1119
1124844	24/08/2016	223458	29	N	1100.00		24	-5.7	-6.7	99	91	1.07			-5.7	-6.7		397275.1	6907287.59	1121
1124844	24/08/2016	223410	29	N	1112.50		24	-4.9	-8.7	99	67	0.95			-4.9	-8.7		397282.17	6907297.34	1122
1124844	24/08/2016	223342	29	N	1125.00		24	-0.2	-10.4	98	65	0.94			-0.2	-10.4		397290.31	6907306.7	1123
1124844	24/08/2016	223314	29	N	1137.50		24	5.9	-10.1	98	45	0.86			5.9	-10.1		397297.44	6907316.23	1125
1124844	24/08/2016	223238	29	N	1150.00		24	5.6	-9.8	98	59	0.91			5.6	-9.8		397306.22	6907326.89	1123
1124844	24/08/2016	223210	29	N	1162.50		24	6.7	-9.3	98	47	0.87			6.7	-9.3		397312.62	6907336.21	1125
1124844	24/08/2016	223118	29	N	1175.00		24	2.6	-8.3	98	62	0.92			2.6	-8.3		397320.86	6907346.86	1130
1124844	24/08/2016	223002	29	N	1187.50		24	-2.8	-13.4	99	74	0.98			-2.8	-13.4		397325.22	6907354.41	1126
1124844	24/08/2016	222922	29	N	1200.00		24	-6.2	-17.1	98	49	0.88			-6.2	-17.1		397332.77	6907365.96	1131
1124844	24/08/2016	222838	29	N	1212.50		24	-10.8	-21.3	98	61	0.92			-10.8	-21.3		397339.77	6907376.24	1131
1124844	24/08/2016	222810	29	N	1225.00		24	-12.3	-22.2	98	46	0.86			-12.3	-22.2		397348.42	6907386.07	1134
1124844	24/08/2016	222742	29	N	1237.50		24	-5.8	-16.9	99	61	0.92			-5.8	-16.9		397355.76	6907396.73	1136
1124844	24/08/2016	222710	29	N	1250.00		24	16.4	-0.7	98	72	0.97			16.4	-0.7		397361.32	6907405.36	1139
1124844	24/08/2016	222642	29	N	1262.50		24	22.4	6.3	98	48	0.87			22.4	6.3		397369.31	6907415.25	1141
1124844	24/08/2016	222606	29	N	1275.00		24	14.9	0.8	99	34	0.83			14.9	0.8		397377.88	6907423.98	1145
1124844	24/08/2016	222502	29	N	1287.50		24	9.3	-1.2	98	43	0.85			9.3	-1.2		397385.22	6907432.94	1146
1124844	24/08/2016	222522	29	N	1287.50		24	10.2	-2.5	99	32	0.82	1					397386.43	6907433.51	1153
1124844	24/08/2016	222538	29	N	1287.50		24	11.6	-1.2	99	30	0.82	1					397386.54	6907433.33	1152
1124844	24/08/2016	222434	29	N	1300.00		24	2	-3.9	98	60	0.91			2	-3.9		397389.28	6907443.5	1149
1124844	24/08/2016	222358	29	N	1312.50		24	-0.6	-6.5	98	52	0.89			-0.6	-6.5		397397.08	6907452.94	1152

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	222326	29	N	1325.00		24	-8.5	-8.9	99	30	0.82			-8.5	-8.9		397404.38	6907463.4	1156
1124844	24/08/2016	222214	29	N	1337.50		24	-13.7	-10	98	51	0.88	1					397410.76	6907473.96	1157
1124844	24/08/2016	222234	29	N	1337.50		24	-8.8	-8.2	99	36	0.83	2					397410.7	6907473.48	1157
1124844	24/08/2016	222250	29	N	1337.50		24	-8.7	-7.5	99	47	0.87			-8.7	-7.5		397410.94	6907473.35	1156
1124844	24/08/2016	222022	29	N	1350.00		24	-10	-4	98	62	0.93			-10	-4		397419.73	6907482.34	1163
1124844	24/08/2016	221950	29	N	1362.50		24	-7.2	0.6	98	86	1.04			-7.2	0.6		397425.06	6907492.09	1165
1124844	24/08/2016	221918	29	N	1375.00		24	-12.5	-1.7	99	57	0.9			-12.5	-1.7		397431.04	6907503.6	1168
1124844	24/08/2016	221850	29	N	1387.50		24	-15.8	-3.9	98	76	0.99			-15.8	-3.9		397437.64	6907513.95	1166
1124844	24/08/2016	221726	29	N	1400.00		24	-19.1	-5.6	99	48	0.87			-19.1	-5.6		397445.83	6907523.06	1168
1124844	24/08/2016	221658	29	N	1412.50		24	-21.4	-5.9	98	64	0.94			-21.4	-5.9		397452.67	6907532.59	1168
1124844	24/08/2016	221622	29	N	1425.00		24	-16.9	-0.1	99	63	0.93			-16.9	-0.1		397460.51	6907544.65	1169
1124844	24/08/2016	221550	29	N	1437.50		24	-11.3	4.7	98	77	1			-11.3	4.7		397467.52	6907553.92	1168
1124844	24/08/2016	221518	29	N	1450.00		24	-9.9	5.5	99	78	1			-9.9	5.5		397475.7	6907564.72	1169
1124844	24/08/2016	221442	29	N	1462.50		24	-16	3.9	99	78	1			-16	3.9		397481.51	6907575.19	1169
1124844	24/08/2016	221414	29	N	1475.00		24	-13.1	3.5	98	76	0.99			-13.1	3.5		397485.69	6907586.7	1171
1124844	24/08/2016	221346	29	N	1487.50		24	-17.2	2.3	98	62	0.92			-17.2	2.3		397494.17	6907596.87	1172
1124844	24/08/2016	221226	29	N	1500.00		24	-9.9	6.9	99	93	1.08			-9.9	6.9		397501.89	6907606.19	1172
1124844	24/08/2016	221122	29	N	1512.50		24	-3.5	15.9	99	73	0.97			-3.5	15.9		397509	6907615.9	1169
1124844	24/08/2016	221142	29	N	1512.50		24	-3.4	14.8	99	79	1	1					397509.01	6907615.87	1169
1124844	24/08/2016	220910	29	N	1525.00		24	-0.3	20.4	98	59	0.91			-0.3	20.4		397517.55	6907627.65	1172
1124844	24/08/2016	220814	29	N	1537.50		24	-5.8	15	98	66	0.94			-5.8	15		397523.95	6907635.7	1172
1124844	24/08/2016	220738	29	N	1550.00		24	-6.3	13.1	98	62	0.92			-6.3	13.1		397531.91	6907645.86	1172
1124844	24/08/2016	220658	29	N	1562.50		24	-8.7	11.7	99	79	1			-8.7	11.7		397539.56	6907656.65	1172
1124844	24/08/2016	220610	29	N	1575.00		24	-11.4	10.3	98	67	0.95			-11.4	10.3		397546.85	6907666.45	1172
1124844	24/08/2016	220630	29	N	1575.00		24	-11.2	9.8	99	69	0.96	1					397547.05	6907666.43	1172
1124844	24/08/2016	220538	29	N	1587.50		24	-14.2	10.3	99	73	0.98			-14.2	10.3		397554.49	6907676.86	1173
1124844	24/08/2016	220506	29	N	1600.00		24	-15.7	8.9	98	75	0.98			-15.7	8.9		397561.54	6907687.2	1173
1124844	24/08/2016	220438	29	N	1612.50		24	-21.7	5.2	98	74	0.98			-21.7	5.2		397570.42	6907696.38	1173
1124844	24/08/2016	220406	29	N	1625.00		24	-15.1	12.7	98	72	0.97			-15.1	12.7		397576.2	6907708.04	1173
1124844	24/08/2016	220334	29	N	1637.50		24	-15.3	14.9	98	73	0.97			-15.3	14.9		397582.95	6907720.18	1173
1124844	24/08/2016	220306	29	N	1650.00		24	-19.8	12.3	98	54	0.89			-19.8	12.3		397589.71	6907730.12	1173
1124844	24/08/2016	220214	29	N	1662.50		24	-24.3	7.5	98	74	0.98			-24.3	7.5		397596.09	6907740.32	1172
1124844	24/08/2016	220138	29	N	1675.00		24	-27.2	2.5	98	71	0.96			-27.2	2.5		397604.19	6907750.53	1172
1124844	24/08/2016	220110	29	N	1687.50		24	-9.9	10.2	99	92	1.08			-9.9	10.2		397612.14	6907760.11	1171
1124844	24/08/2016	220034	29	N	1700.00		24	-0.7	13.1	98	67	0.95			-0.7	13.1		397620.93	6907769.89	1171
1124844	24/08/2016	220006	29	N	1712.50		24	-2.1	8.2	98	78	1			-2.1	8.2		397628.13	6907780.66	1170
1124844	24/08/2016	215934	29	N	1725.00		24	4.1	5.9	98	73	0.97			4.1	5.9		397635.74	6907791.24	1169
1124844	24/08/2016	215906	29	N	1737.50		24	2.6	3.9	98	85	1.03			2.6	3.9		397642.74	6907801.02	1167
1124844	24/08/2016	215806	29	N	1750.00		24	8.4	2.5	99	77	1			8.4	2.5		397651.29	6907813.38	1167
1124844	24/08/2016	215722	29	N	1762.50		24	10.4	1.8	99	90	1.06			10.4	1.8		397658.47	6907823.63	1168
1124844	24/08/2016	215646	29	N	1775.00		24	14.4	4.3	99	68	0.95			14.4	4.3		397664.55	6907832.11	1167
1124844	24/08/2016	215614	29	N	1787.50		24	14.1	1	99	59	0.91			14.1	1		397671.83	6907844.27	1167
1124844	24/08/2016	215542	29	N	1800.00		24	13.5	-0.3	98	67	0.94			13.5	-0.3		397679.66	6907853.79	1165
1124844	24/08/2016	215442	29	N	1812.50		24	13.6	-1.2	98	67	0.95			13.6	-1.2		397687.73	6907862.72	1163
1124844	24/08/2016	215346	29	N	1825.00		24	8.3	-5.4	98	71	0.96	1					397694.55	6907872.45	1161
1124844	24/08/2016	215406	29	N	1825.00		24	9.9	-5.4	98	60	0.91			9.9	-5.4		397694.33	6907872.27	1161
1124844	24/08/2016	215246	29	N	1837.50		24	8.9	-5.3	98	66	0.94			8.9	-5.3		397702.88	6907883.79	1160
1124844	24/08/2016	215210	29	N	1850.00		24	9.8	-6.9	98	56	0.9			9.8	-6.9		397709.9	6907894.08	1157
1124844	24/08/2016	215130	29	N	1862.50		24	7.7	-5.2	98	66	0.94			7.7	-5.2		397717.4	6907903.88	1153
1124844	24/08/2016	215042	29	N	1875.00		24	9.9	-3.9	98	68	0.95			9.9	-3.9		397725.39	6907912.63	1150
1124844	24/08/2016	214942	29	N	1887.50		24	18.3	1.7	98	58	0.91			18.3	1.7		397731.5	6907923.45	1150
1124844	24/08/2016	214842	29	N	1900.00		24	16.8	3	98	39	0.84			16.8	3		397739.24	6907932.41	1147
1124844	24/08/2016	214902	29	N	1900.00		24	16.4	2.9	98	46	0.87	1					397740.29	6907931.65	1148
1124844	24/08/2016	214754	29	N	1912.50		24	12.7	-1.5	98	42	0.85			12.7	-1.5		397747.78	6907941.87	1144
1124844	24/08/2016	214714	29	N	1925.00		24	8.5	-6.8	98	25	0.81			8.5	-6.8		397755.81	6907951.3	1140
1124844	24/08/2016	214618	29	N	1937.50		24	7.7	-2.3	98	45	0.86			7.7	-2.3		397763.04	6907959.68	1138
1124844	24/08/2016	214506	29	N	1950.00		24	7.8	-4.1	98	20	0.8			7.8	-4.1		397767.91	6907973.4	1134

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	214526	29	N	1950.00		24	7.1	-5.5	98	26	0.81	1					397768.42	6907973.33	1135
1124844	24/08/2016	213954	29	N	1962.50		24	0.3	-2.6	86	61	0.84	1					397776.01	6907983.44	1136
1124844	24/08/2016	214010	29	N	1962.50		24	2	-1.5	81	63	0.82	1					397776.12	6907982.42	1133
1124844	24/08/2016	214042	29	N	1962.50		24	6.4	-3.5	98	40	0.84			6.4	-3.5		397776.16	6907981.98	1132
1124844	24/08/2016	213914	29	N	1975.00		24	1.8	-5.9	98	43	0.85			1.8	-5.9		397781.65	6907991.07	1134
1124844	24/08/2016	213838	29	N	1987.50		24	0.7	-7.3	98	31	0.82			0.7	-7.3		397789.55	6908002.6	1135
1124844	24/08/2016	213738	29	N	2000.00		24	-0.9	-5.3	98	34	0.83			-0.9	-5.3		397796.98	6908012.75	1135
1124844	24/08/2016	213758	29	N	2000.00		24	-2.8	-4.6	98	43	0.85	1					397797.56	6908011.14	1134
1124844	24/08/2016	213702	29	N	2012.50		24	-4.5	-5.7	98	25	0.81			-4.5	-5.7		397805.16	6908022.43	1132
1124844	24/08/2016	213622	29	N	2025.00		24	-9.1	-7.1	98	42	0.85			-9.1	-7.1		397813.44	6908031.59	1133
1124844	24/08/2016	213538	29	N	2037.50		24	-13.1	-8	97	52	0.88			-13.1	-8		397818.66	6908042.73	1132
1124844	24/08/2016	213502	29	N	2050.00		24	-14.4	-8.5	98	47	0.86			-14.4	-8.5		397825.6	6908053.56	1130
1124844	24/08/2016	213426	29	N	2062.50		24	-17	-9.1	98	44	0.86			-17	-9.1		397829.92	6908064.42	1130
1124844	24/08/2016	213330	29	N	2075.00		24	-17.9	-5.3	98	46	0.86			-17.9	-5.3		397837.25	6908074.29	1129
1124844	24/08/2016	213110	29	N	2087.50		24	-18.7	-6.4	98	50	0.88			-18.7	-6.4		397844.51	6908084.46	1128
1124844	24/08/2016	213126	29	N	2087.50		24	-18.4	-6.7	98	54	0.89	1					397844.03	6908084.47	1127
1124844	24/08/2016	213030	29	N	2100.00		24	-19.8	-5.9	98	57	0.9			-19.8	-5.9		397850.26	6908098.14	1131
1124844	24/08/2016	212946	29	N	2112.50		24	-22.2	-7.6	97	61	0.91			-22.2	-7.6		397858.98	6908105.61	1127
1124844	24/08/2016	212902	29	N	2125.00		24	-21.9	-7.7	99	29	0.82			-21.9	-7.7		397865.75	6908113.18	1126
1124844	24/08/2016	212826	29	N	2137.50		24	-20.1	-6.6	99	36	0.83			-20.1	-6.6		397873.86	6908124.12	1125
1124844	24/08/2016	212746	29	N	2150.00		24	-18.7	-5.7	98	33	0.83			-18.7	-5.7		397881.12	6908134.03	1126
1124844	24/08/2016	212710	29	N	2162.50		24	-16.8	-4.9	99	36	0.83			-16.8	-4.9		397890.52	6908146.41	1129
1124844	24/08/2016	212626	29	N	2175.00		24	-16.6	-4.6	99	32	0.82			-16.6	-4.6		397897.17	6908154.48	1124
1124844	24/08/2016	212554	29	N	2187.50		24	-18.4	-5.7	99	13	0.79			-18.4	-5.7		397905.92	6908160.79	1120
1124844	24/08/2016	212514	29	N	2200.00		24	-21.1	-6.6	99	43	0.85			-21.1	-6.6		397910.68	6908171.68	1119
1124844	24/08/2016	212426	29	N	2212.50		24	-24.9	-6.4	92	64	0.89			-24.9	-6.4		397917.94	6908182.03	1118
1124844	24/08/2016	212342	29	N	2225.00		24	-25	-9.5	98	54	0.89			-25	-9.5		397923.32	6908191.93	1117
1124844	24/08/2016	212246	29	N	2237.50		24	-16.7	-4.4	99	47	0.87			-16.7	-4.4		397933.12	6908201.7	1114
1124844	24/08/2016	212214	29	N	2250.00		24	-9.5	-0.3	98	46	0.86			-9.5	-0.3		397940.47	6908210.66	1114
1124844	24/08/2016	212138	29	N	2262.50		24	-9.4	-2.4	98	33	0.82			-9.4	-2.4		397948.38	6908220.49	1111
1124844	24/08/2016	212102	29	N	2275.00		24	-10.5	-4.1	98	43	0.85			-10.5	-4.1		397955.86	6908229.77	1109
1124844	24/08/2016	212026	29	N	2287.50		24	-9.7	-2.2	99	37	0.84			-9.7	-2.2		397964.19	6908239.44	1106
1124844	24/08/2016	211946	29	N	2300.00		24	-12	-3.9	98	62	0.92			-12	-3.9		397968.88	6908249.5	1107
1124844	24/08/2016	211902	29	N	2312.50		24	-2	1.8	99	51	0.88			-2	1.8		397976.87	6908259.97	1107
1124844	24/08/2016	211818	29	N	2325.00		24	-6.7	1	99	6	0.78			-6.7	1		397982.17	6908271.87	1107
1124844	24/08/2016	211742	29	N	2337.50		24	-11.2	0	99	24	0.81			-11.2	0		397990.32	6908279.48	1105
1124844	24/08/2016	211642	29	N	2350.00		24	-12.1	-3.1	99	36	0.83			-12.1	-3.1		397996.51	6908288.65	1103
1124844	24/08/2016	211550	29	N	2362.50		24	-13.1	-1.3	99	24	0.81			-13.1	-1.3		398002.22	6908300.47	1102
1124844	24/08/2016	211510	29	N	2375.00		24	-15.6	1.7	99	22	0.8			-15.6	1.7		398008.5	6908310.04	1101
1124844	24/08/2016	211430	29	N	2387.50		24	-17.8	-1.8	99	26	0.81			-17.8	-1.8		398018.24	6908318.45	1099
1124844	24/08/2016	211130	29	N	2400		24	-19.7	-4.1	99	-8	0.79			-19.7	-4.1		398025.76	6908330.25	1096
1124844	24/08/2016	211242	29	N	2400		24	-19	-3.6	99	39	0.84	2					398025.54	6908330.18	1097
1124844	24/08/2016	211302	29	N	2400		24	-17.8	-1.9	99	38	0.84	1					398025.48	6908330.11	1097
8043128	24/08/2416	234154	31	N	0.00		24	0.5	-10.4	83	0	1.32			0.5	-10.4		396861.12	6906336.6	1112
8043129	24/08/2417	234306	31	N	0.00		24	6.9	-7.7	58	41	1.13	1					396860.86	6906329.25	1112
8043130	24/08/2418	234322	31	N	0.00		24	6.9	-8	55	42	1.11	1					396861.91	6906330.22	1111
8043127	24/08/2415	234118	31	N	12.50		24	-2.9	-13.8	85	16	1.37			-2.9	-13.8		396874.35	6906339.28	1119
8043126	24/08/2414	234038	31	N	25.00		24	-1.3	-16	28	54	0.97			-1.3	-16		396883.31	6906345.98	1123
8043125	24/08/2413	234006	31	N	37.50		24	-1.8	-14	34	59	1.08			-1.8	-14		396882.58	6906361.15	1126
8043124	24/08/2412	233934	31	N	50.00		24	2.6	-10.6	53	51	1.18			2.6	-10.6		396885.76	6906370.61	1126
8043123	24/08/2411	233902	31	N	62.50		24	1.6	-9	43	57	1.14			1.6	-9		396889.35	6906386.93	1134
8043122	24/08/2410	233834	31	N	75.00		24	-1.1	-11.6	72	39	1.31			-1.1	-11.6		396895.97	6906392.97	1132
8043121	24/08/2409	233754	31	N	87.50		24	-2	-9.3	82	24	1.36			-2	-9.3		396903.11	6906403.8	1135
8043120	24/08/2408	233726	31	N	100.00		24	-1.7	-8.9	74	32	1.28			-1.7	-8.9		396910.9	6906409.92	1136
8043119	24/08/2407	233654	31	N	112.50		24	-5.3	-13.4	70	38	1.28			-5.3	-13.4		396922.74	6906419.91	1137
8043118	24/08/2406	233622	31	N	125.00		24	-11.7	-16.6	70	41	1.29			-11.7	-16.6		396930.78	6906429.55	1139
8043117	24/08/2405	233550	31	N	137.50		24	-8.1	-16.3	65	50	1.31			-8.1	-16.3		396935.18	6906436.15	1141

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8043115	24/08/2403	233454	31	N	150.00		24	-0.5	-7.9	65	57	1.39			-0.5	-7.9		396946.41	6906447.37	1143
8043116	24/08/2404	233510	31	N	150.00		24	-0.6	-7.9	70	49	1.37	1					396946.1	6906447.11	1143
8043114	24/08/2402	233414	31	N	162.50		24	-0.5	-6	85	32	1.44			-0.5	-6		396954.41	6906455.82	1145
8043113	24/08/2401	233346	31	N	175.00		24	-1.2	-5.6	99	11	1.58			-1.2	-5.6		396965.05	6906463.32	1146
8043112	24/08/2400	233322	31	N	187.50		24	2.8	-5.7	91	23	1.5			2.8	-5.7		396975.11	6906469.87	1148
8043111	24/08/2399	233250	31	N	200.00		24	5.1	-6	70	51	1.38			5.1	-6		396984.39	6906480.62	1150
8043110	24/08/2398	233222	31	N	212.50		24	4.9	-5.7	79	45	1.44			4.9	-5.7		396991.1	6906487.82	1151
8043109	24/08/2397	233150	31	N	225.00		24	10.6	-1.6	52	62	1.29			10.6	-1.6		396998.98	6906498.33	1152
8043108	24/08/2396	233118	31	N	237.50		24	10.9	-1.4	54	59	1.28			10.9	-1.4		397003.07	6906510.54	1153
8043107	24/08/2395	233046	31	N	250.00		24	10.2	-3.7	49	60	1.23			10.2	-3.7		397007.84	6906522.36	1152
8043106	24/08/2394	233022	31	N	262.50		24	11.4	-2.8	54	67	1.37			11.4	-2.8		397012.66	6906532.85	1155
8043105	24/08/2393	232918	31	N	275.00		24	10	-2	73	45	1.37			10	-2		397017.36	6906545.13	1153
8043104	24/08/2392	232854	31	N	287.50		24	9	-4.8	78	44	1.42			9	-4.8		397024.49	6906556.18	1158
8043103	24/08/2391	232754	31	N	300.00		24	6.9	-6.2	63	54	1.33			6.9	-6.2		397030.33	6906563.27	1157
8043102	24/08/2390	232726	31	N	312.50		24	5.6	-7.1	72	45	1.35			5.6	-7.1		397036.1	6906574.09	1157
8043101	24/08/2389	232654	31	N	325.00		24	2.5	-11.4	77	40	1.39			2.5	-11.4		397045.27	6906586.21	1158
8043100	24/08/2388	232618	31	N	337.50		24	3.2	-7.8	80	46	1.47			3.2	-7.8		397054.31	6906596.4	1158
8043098	24/08/2386	232522	31	N	350.00		24	7.6	-4.9	75	47	1.41			7.6	-4.9		397061.13	6906604.47	1159
8043099	24/08/2387	232538	31	N	350.00		24	8.1	-5.3	72	51	1.4	1					397061.06	6906604.35	1159
8043097	24/08/2385	232406	31	N	362.50		24	11.4	-1.6	70	50	1.37			11.4	-1.6		397067.54	6906616.14	1159
8043096	24/08/2384	232334	31	N	375.00		24	12.1	-1.5	64	55	1.34			12.1	-1.5		397074.93	6906626.21	1159
8043095	24/08/2383	232254	31	N	387.50		24	14.5	1	82	40	1.45			14.5	1		397080.95	6906635.47	1158
8043094	24/08/2382	232218	31	N	400.00		24	13.8	-0.5	64	52	1.31			13.8	-0.5		397088.46	6906645.57	1158
8043093	24/08/2381	232142	31	N	412.50		24	10.5	-4.7	65	52	1.32			10.5	-4.7		397094.2	6906658.38	1158
8043092	24/08/2380	232114	31	N	425.00		24	11.1	-5	69	55	1.41			11.1	-5		397100.61	6906668.22	1157
8043091	24/08/2379	232042	31	N	437.50		24	14.5	0.5	61	58	1.34			14.5	0.5		397105.8	6906676.92	1156
8043090	24/08/2378	232010	31	N	450.00		24	15.8	-0.7	68	52	1.37			15.8	-0.7		397112.03	6906687.45	1155
8043089	24/08/2377	231918	31	N	462.50		24	18.3	1.1	74	47	1.4			18.3	1.1		397119.56	6906699.97	1154
8043088	24/08/2376	231838	31	N	475.00		24	16.4	1.9	86	31	1.46			16.4	1.9		397129.61	6906709.95	1154
8043087	24/08/2375	231810	31	N	487.50		24	16.5	0.7	81	36	1.41			16.5	0.7		397136.57	6906715.49	1154
8043086	24/08/2374	231734	31	N	500.00		24	17.6	1.5	81	37	1.42			17.6	1.5		397147.55	6906725.32	1153
8043085	24/08/2373	231702	31	N	512.50		24	15.7	2.2	85	38	1.48			15.7	2.2		397154.2	6906732.89	1152
8043084	24/08/2372	231622	31	N	525.00		24	17.4	0.4	70	46	1.33			17.4	0.4		397164.36	6906741.28	1151
8043083	24/08/2371	231550	31	N	537.50		24	16.6	-0.2	59	52	1.26			16.6	-0.2		397171.65	6906752.75	1150
8043082	24/08/2370	231414	31	N	550.00		24	17.3	-0.6	61	51	1.27			17.3	-0.6		397178.15	6906762.92	1150
8043081	24/08/2369	231334	31	N	562.50		24	16.8	-2.3	67	50	1.34			16.8	-2.3		397182.1	6906775.12	1149
8043080	24/08/2368	231254	31	N	575.00		24	23	5.5	59	55	1.29			23	5.5		397188.28	6906785.61	1147
8043079	24/08/2367	231002	31	N	587.50		24	25.4	6.5	76	44	1.4			25.4	6.5		397194.66	6906797.28	1144
8043078	24/08/2366	230858	31	N	600.00		24	25.3	6.8	67	47	1.31			25.3	6.8		397202.15	6906807.45	1144
8043077	24/08/2365	230826	31	N	612.50		24	24.2	5.7	64	45	1.26			24.2	5.7		397207.81	6906816.24	1142
8043076	24/08/2364	230738	31	N	625.00		24	23	3.3	71	38	1.29			23	3.3		397215.92	6906828.89	1141
8043075	24/08/2363	230658	31	N	637.50		24	24.7	3.9	50	51	1.14			24.7	3.9		397222.15	6906837.99	1139
8043074	24/08/2362	230618	31	N	650.00		24	24.3	5.2	53	49	1.15			24.3	5.2		397226.4	6906849.73	1137
8043073	24/08/2361	230534	31	N	662.50		24	22.8	6.2	63	43	1.21			22.8	6.2		397233.03	6906859.87	1135
8043072	24/08/2360	230458	31	N	675.00		24	22.4	6.2	67	34	1.19			22.4	6.2		397240.96	6906869.62	1133
8043071	24/08/2359	230426	31	N	687.50		24	21.3	3.8	60	42	1.16			21.3	3.8		397246.89	6906879.07	1131
8043070	24/08/2358	230322	31	N	700.00		24	16.9	1.7	62	38	1.17			16.9	1.7		397255.46	6906891.24	1129
8043069	24/08/2357	230246	31	N	712.50		24	14.3	-0.6	64	32	1.14			14.3	-0.6		397262.63	6906899.3	1127
8043068	24/08/2356	230206	31	N	725.00		24	11.7	-2.3	66	32	1.17			11.7	-2.3		397271.19	6906909.19	1126
8043067	24/08/2355	230126	31	N	737.50		24	9.8	-2.7	64	35	1.17			9.8	-2.7		397278.39	6906916.95	1125
8043066	24/08/2354	230050	31	N	750.00		24	6.9	-2.5	67	32	1.18			6.9	-2.5		397285.52	6906926.21	1124
8043065	24/08/2353	230006	31	N	762.50		24	5.5	-3.9	65	34	1.17			5.5	-3.9		397293.06	6906935.18	1123
8043064	24/08/2352	225930	31	N	775.00		24	6.9	-1.4	67	35	1.2			6.9	-1.4		397301.24	6906945.88	1121
8043063	24/08/2351	225854	31	N	787.50		24	6.5	0	72	32	1.26			6.5	0		397309.53	6906956.09	1120
8043062	24/08/2350	225818	31	N	800.00		24	10.7	1.4	65	38	1.2			10.7	1.4		397317.5	6906966.54	1119
8043061	24/08/2349	225742	31	N	812.50		24	10.1	3.5	65	38	1.19			10.1	3.5		397323.61	6906975.85	1118
8043060	24/08/2348	225658	31	N	825.00		24	9.6	3.5	69	29	1.19			9.6	3.5		397332.98	6906987.09	1118

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8043059	24/08/2347	225614	31	N	837.50		24	9.8	2.5	54	41	1.09			9.8	2.5		397340.2	6906994.53	1117
8043058	24/08/2346	225518	31	N	850.00		24	9.4	3	53	43	1.09			9.4	3		397347.66	6907005.01	1116
8043057	24/08/2345	225430	31	N	862.50		24	9.9	3.1	58	39	1.12			9.9	3.1		397352.18	6907014.1	1116
8043056	24/08/2344	225350	31	N	875.00		24	6	3.2	56	39	1.09			6	3.2		397358.86	6907024.84	1116
8043055	24/08/2343	225038	31	N	887.50		24	1.6	1.8	54	39	1.07			1.6	1.8		397366.57	6907035.98	1116
8043054	24/08/2342	225002	31	N	900.00		24	-2.6	1.1	56	38	1.07			-2.6	1.1		397372.59	6907046.86	1115
8043053	24/08/2341	224922	31	N	912.50		24	-5.4	1.1	54	37	1.05			-5.4	1.1		397378.97	6907055.35	1116
8043051	24/08/2339	224834	31	N	925.00		24	-10.2	2.5	54	39	1.07			-10.2	2.5		397385.2	6907065.79	1116
8043052	24/08/2340	224850	31	N	925.00		24	-11.5	0.4	56	40	1.1	1					397385.29	6907065.97	1116
8043050	24/08/2338	224758	31	N	937.50		24	-14.3	-0.2	62	30	1.1			-14.3	-0.2		397392.95	6907075.73	1115
8043049	24/08/2337	224722	31	N	950.00		24	-17.3	-0.4	64	31	1.14			-17.3	-0.4		397401.5	6907087.2	1115
8043048	24/08/2336	224630	31	N	962.50		24	-17.6	-0.7	67	33	1.19			-17.6	-0.7		397407.45	6907098.94	1114
8043046	24/08/2334	224542	31	N	975.00		24	-20.9	-1.3	66	35	1.19	1					397415.17	6907108.47	1115
8043047	24/08/2335	224602	31	N	975.00		24	-21.4	-0.8	60	44	1.19			-21.4	-0.8		397413.96	6907106.85	1115
8043045	24/08/2333	224438	31	N	987.50		24	-20.7	-0.9	66	43	1.27			-20.7	-0.9		397428.18	6907127.68	1114
8043044	24/08/2332	224310	31	N	1000.00		24	-20.3	-1.5	74	44	1.38			-20.3	-1.5		397435.72	6907139.26	1116
8043043	24/08/2331	224054	31	N	1012.50		24	-18	-1.3	67	52	1.35			-18	-1.3		397443.3	6907149.4	1117
8043042	24/08/2330	224022	31	N	1025.00		24	-16.9	-1.7	64	53	1.32			-16.9	-1.7		397449.69	6907158.78	1117
8043041	24/08/2329	223934	31	N	1037.50		24	-12.8	-3	67	52	1.36			-12.8	-3		397454.01	6907170.94	1118
8043040	24/08/2328	223902	31	N	1050.00		24	-10.6	-4.8	75	52	1.45			-10.6	-4.8		397460.71	6907181.35	1119
8043039	24/08/2327	223830	31	N	1062.50		24	-9.9	-5.8	64	60	1.4			-9.9	-5.8		397468.91	6907189.77	1119
8043038	24/08/2326	223746	31	N	1075.00		24	-6.7	-8.4	55	66	1.36			-6.7	-8.4		397474.83	6907202.35	1120
8043037	24/08/2325	223710	31	N	1087.50		24	-1.6	-11.1	76	57	1.51			-1.6	-11.1		397479.31	6907213.62	1123
8043036	24/08/2324	223638	31	N	1100.00		24	3.7	-12.6	80	52	1.53			3.7	-12.6		397484.86	6907224.04	1125
8043035	24/08/2323	223606	31	N	1112.50		24	4.3	-14	88	51	1.63			4.3	-14		397492.1	6907233.49	1124
8043034	24/08/2322	223534	31	N	1125.00		24	9.5	-16.8	81	53	1.55			9.5	-16.8		397499.53	6907243.15	1126
8043033	24/08/2321	223502	31	N	1137.50		24	15.6	-15.4	80	58	1.58			15.6	-15.4		397505.36	6907252.82	1126
8043032	24/08/2320	223422	31	N	1150.00		24	23.4	-13	82	53	1.56			23.4	-13		397512.48	6907264.93	1127
8043031	24/08/2319	223350	31	N	1162.50		24	28.1	-11.9	74	53	1.45			28.1	-11.9		397520.51	6907272.49	1126
8043030	24/08/2318	223314	31	N	1175.00		24	29.6	-11.8	66	54	1.36			29.6	-11.8		397527.12	6907281.43	1132
8043029	24/08/2317	223250	31	N	1187.50		24	31.4	-9.6	87	44	1.55			31.4	-9.6		397531.52	6907286.53	1132
8043027	24/08/2315	223158	31	N	1200.00		24	25.7	-8.8	90	19	1.47			25.7	-8.8		397542.54	6907294.75	1134
8043028	24/08/2316	223214	31	N	1200.00		24	25.4	-8.5	89	17	1.45	1					397542.19	6907294.2	1133
8043026	24/08/2314	222938	31	N	1212.50		24	26.8	-7.8	78	29	1.32			26.8	-7.8		397552.24	6907308.92	1133
8043025	24/08/2313	222858	31	N	1225.00		24	25.6	-8	66	37	1.22			25.6	-8		397560.96	6907314.67	1137
8043024	24/08/2312	222814	31	N	1237.50		24	26.7	-8.8	55	47	1.15			26.7	-8.8		397565.31	6907321.63	1136
8043023	24/08/2311	222734	31	N	1250.00		24	17.8	-12.4	58	42	1.14			17.8	-12.4		397570.76	6907334.91	1138
8043022	24/08/2310	222702	31	N	1262.50		24	10	-17.4	52	45	1.1			10	-17.4		397575.98	6907350.21	1142
8043021	24/08/2309	222626	31	N	1275.00		24	2.8	-21.2	63	41	1.2			2.8	-21.2		397582.67	6907361.29	1144
8043020	24/08/2308	222550	31	N	1287.50		24	0.3	-17.1	79	25	1.31			0.3	-17.1		397587.9	6907367.86	1147
8043019	24/08/2307	222518	31	N	1300.00		24	6.5	-10.6	78	24	1.3			6.5	-10.6		397598.92	6907376.98	1154
8043018	24/08/2306	222446	31	N	1312.50		24	5.4	-12.5	68	39	1.25			5.4	-12.5		397606.27	6907385.14	1150
8043017	24/08/2305	222410	31	N	1325.00		24	4.6	-10.6	75	35	1.33			4.6	-10.6		397616.38	6907394.67	1147
8043016	24/08/2304	222338	31	N	1337.50		24	2	-11.1	71	35	1.26			2	-11.1		397625.35	6907401.78	1152
8043015	24/08/2303	222306	31	N	1350.00		24	1.1	-12.6	62	43	1.2			1.1	-12.6		397631.64	6907411.51	1152
8043014	24/08/2302	222234	31	N	1362.50		24	-0.8	-11.4	58	50	1.22			-0.8	-11.4		397634.93	6907424.57	1154
8043013	24/08/2301	222202	31	N	1375.00		24	0.1	-10.1	53	52	1.19			0.1	-10.1		397639.66	6907433.58	1154
8043012	24/08/2300	222130	31	N	1387.50		24	-1	-7.6	71	41	1.32			-1	-7.6		397646.66	6907443.69	1156
8043011	24/08/2299	222058	31	N	1400.00		24	0	-6.7	71	41	1.31			0	-6.7		397653.22	6907453.07	1163
8043009	24/08/2297	222002	31	N	1412.50		24	-2.3	-7.5	74	36	1.31	1					397662.22	6907465.23	1164
8043010	24/08/2298	222018	31	N	1412.50		24	-2.9	-8.2	71	38	1.29			-2.9	-8.2		397662.47	6907465.04	1165
8043008	24/08/2296	221930	31	N	1425.00		24	-4.1	-7.7	67	44	1.28			-4.1	-7.7		397669.93	6907474.84	1163
8043007	24/08/2295	221858	31	N	1437.50		24	-7.1	-8.2	75	40	1.35			-7.1	-8.2		397674.36	6907485.65	1166
8043006	24/08/2294	221818	31	N	1450.00		24	-8.8	-9	69	44	1.31			-8.8	-9		397681.1	6907495.93	1168
8043005	24/08/2293	221750	31	N	1462.50		24	-9.4	-8.5	64	50	1.3			-9.4	-8.5		397687.66	6907504.9	1172
8043004	24/08/2292	221726	31	N	1475.00		24	-12	-8.9	64	53	1.32			-12	-8.9		397691.14	6907510.31	1173
8043003	24/08/2291	221650	31	N	1487.50		24	-11.1	-7.7	93	26	1.54			-11.1	-7.7		397697.61	6907521.48	1175

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8043002	24/08/2290	221614	31	N	1500.00		24	-11.3	-5.7	81	38	1.43			-11.3	-5.7		397708.15	6907529.17	1177
8043001	24/08/2289	221526	31	N	1512.50		24	-10.9	-3.6	88	30	1.48			-10.9	-3.6		397720.42	6907541.87	1178
8043000	24/08/2288	221454	31	N	1525.00		24	-8	-2.4	82	44	1.48			-8	-2.4		397728.61	6907550.05	1179
8042999	24/08/2287	221426	31	N	1537.50		24	-5.6	1.6	55	64	1.35			-5.6	1.6		397733.19	6907557.4	1178
8042998	24/08/2286	221350	31	N	1550.00		24	-7.7	-0.7	69	55	1.4			-7.7	-0.7		397737.19	6907572.44	1179
8042996	24/08/2284	221150	31	N	1562.50		24	-3.4	1.5	76	51	1.46	1					397744.15	6907585.39	1177
8042997	24/08/2285	221206	31	N	1562.50		24	-3.4	2.3	76	51	1.46			-3.4	2.3		397743.11	6907584.37	1180
8042995	24/08/2283	221114	31	N	1575.00		24	-3	2.2	77	46	1.43			-3	2.2		397751.5	6907594.29	1179
8042994	24/08/2282	221018	31	N	1587.50		24	-5.8	0	78	41	1.41			-5.8	0		397758.18	6907601.81	1179
8042993	24/08/2281	220946	31	N	1600.00		24	-7.3	-3.3	76	46	1.42			-7.3	-3.3		397765.49	6907613.2	1179
8042992	24/08/2280	220850	31	N	1612.50		24	-9.4	-5.4	75	54	1.47			-9.4	-5.4		397772.17	6907624.48	1178
8042991	24/08/2279	220818	31	N	1625.00		24	2.1	-0.1	64	59	1.38			2.1	-0.1		397778.07	6907636.15	1177
8042990	24/08/2278	220746	31	N	1637.50		24	0.1	-4.9	70	51	1.38			0.1	-4.9		397784.41	6907646.07	1180
8042989	24/08/2277	220702	31	N	1650.00		24	-0.8	-6.7	72	53	1.43			-0.8	-6.7		397790.17	6907658.09	1179
8042988	24/08/2276	220626	31	N	1662.50		24	-0.3	-8.1	76	50	1.45			-0.3	-8.1		397796.79	6907668.82	1181
8042987	24/08/2275	220542	31	N	1675.00		24	-0.7	-7.6	79	49	1.48			-0.7	-7.6		397803.69	6907679.26	1181
8042986	24/08/2274	220502	31	N	1687.50		24	-3.6	-10.6	78	45	1.44			-3.6	-10.6		397809.86	6907689.94	1179
8042984	24/08/2272	220406	31	N	1700.00		24	-4.5	-11.9	84	48	1.54			-4.5	-11.9		397816.03	6907699.25	1178
8042985	24/08/2273	220422	31	N	1700.00		24	-3.6	-11.7	82	50	1.52	1					397815.57	6907699.2	1177
8042983	24/08/2271	220334	31	N	1712.50		24	-2.9	-14.4	84	44	1.51			-2.9	-14.4		397823.37	6907709.19	1178
8042982	24/08/2270	220306	31	N	1725.00		24	-4.9	-15.5	98	32	1.64			-4.9	-15.5		397831.53	6907717.85	1177
8042981	24/08/2269	220234	31	N	1737.50		24	10.8	-7.6	91	52	1.67			10.8	-7.6		397838.05	6907725.2	1176
8042980	24/08/2268	220154	31	N	1750.00		24	13.3	-9.1	70	59	1.46			13.3	-9.1		397848.21	6907735.58	1175
8042979	24/08/2267	220122	31	N	1762.50		24	16.5	-9.8	90	38	1.56			16.5	-9.8		397855.9	6907744.38	1176
8042977	24/08/2265	220030	31	N	1775.00		24	17.3	-8.5	85	39	1.5			17.3	-8.5		397864.02	6907755.72	1179
8042978	24/08/2266	220046	31	N	1775.00		24	17.7	-8.1	84	42	1.51	1					397863.8	6907755.87	1178
8042976	24/08/2264	215958	31	N	1787.50		24	20.8	-6.3	88	39	1.53			20.8	-6.3		397871.99	6907766.39	1177
8042975	24/08/2263	215930	31	N	1800.00		24	21.6	-4.6	82	41	1.47			21.6	-4.6		397878.79	6907773	1176
8042974	24/08/2262	215826	31	N	1812.50		24	18	-5.7	87	29	1.46			18	-5.7		397887.84	6907783.93	1172
8042973	24/08/2261	215726	31	N	1825.00		24	16.3	-6.2	96	14	1.55			16.3	-6.2		397896.28	6907789.92	1167
8042972	24/08/2260	215626	31	N	1837.50		24	20	-6.7	71	49	1.38			20	-6.7		397904.59	6907799.38	1162
8042971	24/08/2259	215546	31	N	1850.00		24	21.8	-2.2	87	42	1.53			21.8	-2.2		397910.89	6907807.62	1159
8042970	24/08/2258	215454	31	N	1862.50		24	28.8	3	61	54	1.3			28.8	3		397920.75	6907817.47	1155
8042969	24/08/2257	215330	31	N	1875.00		24	33.7	6.2	55	55	1.24			33.7	6.2		397921.74	6907828.63	1150
8042968	24/08/2256	215154	31	N	1887.50		24	33.5	9.2	56	49	1.19			33.5	9.2		397926.07	6907839.74	1143
8042967	24/08/2255	215046	31	N	1900.00		24	34.1	10.3	51	48	1.11			34.1	10.3		397927.39	6907848.61	1137
8042966	24/08/2254	214954	31	N	1912.50		24	27.1	10.8	66	35	1.19			27.1	10.8		397929.79	6907855.62	1133
8042965	24/08/2253	214906	31	N	1925.00		24	19.7	8.4	76	17	1.24			19.7	8.4		397938.55	6907865.02	1128
8042964	24/08/2252	214826	31	N	1937.50		24	18.1	9.1	69	26	1.18			18.1	9.1		397943.85	6907872.35	1127
8042963	24/08/2251	214718	31	N	1950.00		24	14.1	5.5	73	24	1.22			14.1	5.5		397954.07	6907884.15	1122
8042962	24/08/2250	214614	31	N	1962.50		24	13	4.5	65	33	1.16			13	4.5		397963.09	6907895.45	1117
8042961	24/08/2249	214510	31	N	1975.00		24	13.3	5.3	71	29	1.23			13.3	5.3		397968.65	6907906.3	1114
8042960	24/08/2248	214342	31	N	1987.50		24	18.9	10.9	65	34	1.17			18.9	10.9		397975.93	6907914.92	1110
8042959	24/08/2247	214246	31	N	2000.00		24	19.9	7.9	67	37	1.22			19.9	7.9		397981.9	6907922.8	1106
8042958	24/08/2246	214138	31	N	2012.50		24	19.5	8.7	67	25	1.14			19.5	8.7		397988.63	6907932.84	1100
8042957	24/08/2245	214034	31	N	2025.00		24	23.2	10.4	63	26	1.09			23.2	10.4		397995.79	6907940.15	1095
8042956	24/08/2244	213938	31	N	2037.50		24	21.4	4.1	126	40	1.05			21.4	4.1		398004.07	6907951.77	1091
8042955	24/08/2243	213842	31	N	2050.00		24	17	2.8	121	47	1.03			17	2.8		398011.13	6907961.16	1086
8042954	24/08/2242	213758	31	N	2062.50		24	14	0.3	117	53	1.02			14	0.3		398016.43	6907970.8	1083
8042953	24/08/2241	213706	31	N	2075.00		24	9.4	-2.1	116	49	1			9.4	-2.1		398024.31	6907980.74	1080
8042952	24/08/2240	213622	31	N	2087.50		24	9.3	-4.7	112	54	0.99			9.3	-4.7		398029.39	6907988.57	1077
8042951	24/08/2239	213534	31	N	2100.00		24	6.7	-5.6	106	61	0.97			6.7	-5.6		398035.95	6907999.86	1073
8042950	24/08/2238	213458	31	N	2112.50		24	3.4	-8	108	61	0.98			3.4	-8		398042.77	6908008.39	1071
8042949	24/08/2237	213422	31	N	2125.00		24	1.6	-9.8	109	59	0.99			1.6	-9.8		398048.1	6908018.12	1067
8042948	24/08/2236	213342	31	N	2137.50		24	0.2	-10.7	108	70	1.02			0.2	-10.7		398055.22	6908031.36	1066
8042945	24/08/2233	213102	31	N	2150.00		24	6.3	-7.6	93	77	0.96	1					398065.6	6908041.74	1065
8042946	24/08/2234	213118	31	N	2150.00		24	6.7	-7.4	87	75	0.91			6.7	-7.4		398065.4	6908041.64	1062

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042947	24/08/2235	213134	31	N	2150.00		24	6.9	-7.5	91	78	0.95	1					398066.81	6908042.39	1061
8042944	24/08/2232	213022	31	N	2162.50		24	8.9	-7.3	102	73	0.99			8.9	-7.3		398074.85	6908052.49	1068
8042943	24/08/2231	212942	31	N	2175.00		24	5.4	-8.8	48	35	0.95			5.4	-8.8		398078.57	6908057.7	1067
8042942	24/08/2230	212850	31	N	2187.50		24	4.9	-10.2	56	29	1			4.9	-10.2		398082.6	6908066.35	1066
8042940	24/08/2228	212758	31	N	2200.00		24	7.7	-5.3	57	31	1.04			7.7	-5.3		398087.82	6908074.16	1064
8042941	24/08/2229	212814	31	N	2200.00		24	6.2	-6.6	56	29	1.01	1					398088.46	6908072.61	1066
8042939	24/08/2227	212658	31	N	2212.50		24	4.1	-6	60	22	1.03			4.1	-6		398097.81	6908087.17	1065
8042938	24/08/2226	212622	31	N	2225.00		24	4.3	-7.3	126	30	1.02			4.3	-7.3		398102.61	6908094.8	1067
8042937	24/08/2225	212546	31	N	2237.50		24	2.3	-7.5	109	56	0.97			2.3	-7.5		398111.85	6908105.74	1061
8042934	24/08/2222	212430	31	N	2250.00		24	-1.1	-7.4	105	61	0.96			-1.1	-7.4		398120	6908116.67	1064
8042935	24/08/2223	212458	31	N	2250.00		24	0.5	-7.1	98	69	0.95	1					398118.18	6908116.05	1062
8042936	24/08/2224	212514	31	N	2250.00		24	-0.7	-9.1	96	68	0.93	2					398119	6908116.27	1062
8042933	24/08/2221	212342	31	N	2262.50		24	-4.6	-11	111	54	0.98			-4.6	-11		398124.34	6908127.89	1062
8042931	24/08/2219	212250	31	N	2275.00		24	-7.2	-9.4	118	46	1.01	1					398128.63	6908138.26	1060
8042932	24/08/2220	212306	31	N	2275.00		24	-7.4	-9.1	117	52	1.02			-7.4	-9.1		398129	6908137.14	1059
8042930	24/08/2218	212214	31	N	2287.50		24	-5.5	-7.8	109	64	1.01			-5.5	-7.8		398135.33	6908153.16	1061
8042929	24/08/2217	212130	31	N	2300.00		24	-7.8	-8.4	116	49	1			-7.8	-8.4		398142.03	6908159.06	1058
8042928	24/08/2216	212034	31	N	2312.50		24	-9.1	-9.9	114	56	1.01			-9.1	-9.9		398151.54	6908169.32	1053
8042927	24/08/2215	211954	31	N	2325.00		24	-7.6	-8.8	116	52	1.01			-7.6	-8.8		398159.46	6908177	1050
8042926	24/08/2214	211914	31	N	2337.50		24	-9.4	-9.2	48	35	0.95			-9.4	-9.2		398166.9	6908186.21	1049
8042925	24/08/2213	211818	31	N	2350.00		24	-13.5	-13	59	26	1.03			-13.5	-13		398173.24	6908195.11	1049
8042924	24/08/2212	211738	31	N	2362.50		24	-12.2	-14	60	27	1.04			-12.2	-14		398185.18	6908204.4	1051
8042922	24/08/2210	211654	31	N	2375.00		24	-8.7	-10.1	57	30	1.03			-8.7	-10.1		398188.92	6908214.56	1051
8042923	24/08/2211	211710	31	N	2375.00		24	-7.9	-10	56	30	1.02	1					398188.28	6908215.26	1051
8042728	26/08/2016	170742	33	N	0		24	4.3	-2.8	80	26	1.34	1					397028.77	6906214.51	1135
8042728	26/08/2016	170758	33	N	0		24	3.6	-1.9	80	27	1.35	1					397028.8	6906214.41	1134
8042728	26/08/2016	170814	33	N	0		24	1.9	-3.6	80	27	1.34	2					397029.28	6906215.49	1136
8042728	26/08/2016	170838	33	N	0		24	2.6	-2	81	30	1.38			2.6	-2		397028.93	6906215.78	1134
8042728	26/08/2016	170942	33	N	12.5		24	4.3	-3.9	86	16	1.4			4.3	-3.9		397040.31	6906228.46	1139
8042728	26/08/2016	171126	33	N	25		24	4	-3.6	79	28	1.34			4	-3.6		397041.65	6906237.07	1147
8042728	26/08/2016	171234	33	N	37.5		24	3.7	-2.6	86	7	1.38			3.7	-2.6		397048.82	6906243.16	1146
8042728	26/08/2016	171354	33	N	50		24	-0.3	-5.1	80	24	1.33			-0.3	-5.1		397057.03	6906252.28	1152
8042728	26/08/2016	171442	33	N	62.5		24	-2.7	-8.9	75	37	1.33			-2.7	-8.9		397063.23	6906261.39	1153
8042728	26/08/2016	171530	33	N	75		24	-1.2	-4	80	34	1.39			-1.2	-4		397070.49	6906273.66	1152
8042728	26/08/2016	171622	33	N	87.5		24	1.2	-1.7	79	35	1.37			1.2	-1.7		397077.37	6906280.47	1152
8042728	26/08/2016	171722	33	N	100		24	1	-1.1	82	27	1.38			1	-1.1		397083.36	6906294.7	1158
8042728	26/08/2016	171814	33	N	112.5		24	1	-2.4	78	35	1.36			1	-2.4		397089.23	6906306.48	1162
8042728	26/08/2016	171850	33	N	125		24	-1	-2.7	83	28	1.4			-1	-2.7		397096.29	6906316.54	1163
8042728	26/08/2016	171938	33	N	137.5		24	1.5	-0.2	90	20	1.47			1.5	-0.2		397104.97	6906326.08	1166
8042728	26/08/2016	172014	33	N	150		24	0.2	-1.3	93	13	1.5			0.2	-1.3		397113.17	6906332.65	1167
8042728	26/08/2016	172054	33	N	162.5		24	-1.2	0	95	21	1.55			-1.2	0		397124.52	6906340.3	1168
8042728	26/08/2016	172134	33	N	175		24	1.2	-0.4	93	13	1.5			1.2	-0.4		397134.88	6906347.76	1170
8042728	26/08/2016	172258	33	N	187.5		24	4	2.9	84	33	1.44			4	2.9		397137.68	6906358.37	1170
8042728	26/08/2016	172402	33	N	200		24	5.2	3.8	82	39	1.45			5.2	3.8		397141.47	6906369.8	1175
8042728	26/08/2016	172442	33	N	212.5		24	6.4	4.9	84	30	1.42	2					397149.94	6906378.83	1171
8042728	26/08/2016	172458	33	N	212.5		24	6.9	4.7	87	25	1.44	1					397149.79	6906378.98	1172
8042728	26/08/2016	172514	33	N	212.5		24	6.6	5.7	85	31	1.44			6.6	5.7		397149.98	6906378.25	1171
8042728	26/08/2016	172606	33	N	225		24	3.5	3.4	75	43	1.38			3.5	3.4		397159.06	6906391.15	1174
8042728	26/08/2016	172658	33	N	237.5		24	4.2	4.7	82	34	1.42			4.2	4.7		397167.38	6906403.38	1174
8042728	26/08/2016	172738	33	N	250		24	2.3	2.5	84	29	1.42			2.3	2.5		397173.69	6906413.07	1175
8042728	26/08/2016	172914	33	N	262.5		24	2.6	5	66	52	1.34			2.6	5		397178.15	6906422.25	1176
8042728	26/08/2016	172946	33	N	275		24	3.4	5.5	67	47	1.3			3.4	5.5		397182.01	6906429.83	1175
8042728	26/08/2016	173058	33	N	287.5		24	1.3	3.8	80	39	1.42			1.3	3.8		397189.51	6906439.23	1177
8042728	26/08/2016	173118	33	N	287.5		24	0.7	4.2	79	39	1.41	1					397189.94	6906439.54	1176
8042728	26/08/2016	173158	33	N	300		24	3.1	5.1	83	35	1.43			3.1	5.1		397200.08	6906450.15	1177
8042728	26/08/2016	173234	33	N	312.5		24	5	8.4	76	42	1.38			5	8.4		397207.19	6906460.25	1178
8042728	26/08/2016	173258	33	N	312.5		24	4.8	8.9	63	53	1.32	1					397207.14	6906460.38	1178

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	173318	33	N	312.5		24	4.3	8.1	70	52	1.39	2					397207.14	6906460.39	1178
8042728	26/08/2016	173554	33	N	325		24	2.6	8	78	41	1.4			2.6	8		397211.38	6906468.65	1179
8042728	26/08/2016	173630	33	N	337.5		24	4.1	6.7	86	37	1.49			4.1	6.7		397219.06	6906480.72	1181
8042728	26/08/2016	173706	33	N	350		24	5.5	8.9	83	40	1.46			5.5	8.9		397225.83	6906490.58	1181
8042728	26/08/2016	173822	33	N	362.5		24	3.6	6.9	70	50	1.37			3.6	6.9		397232.35	6906499.09	1181
8042728	26/08/2016	173918	33	N	375		24	6.3	10.1	82	40	1.46			6.3	10.1		397238.74	6906510.37	1182
8042728	26/08/2016	173958	33	N	387.5		24	3.3	9.1	74	48	1.4	1					397246.32	6906524.48	1183
8042728	26/08/2016	174018	33	N	387.5		24	3.9	9.5	75	47	1.41			3.9	9.5		397246.41	6906524.66	1183
8042728	26/08/2016	174110	33	N	400		24	6.2	11.9	83	39	1.46			6.2	11.9		397253.71	6906536.58	1183
8042728	26/08/2016	174154	33	N	412.5		24	5.8	11.5	83	38	1.46			5.8	11.5		397257.96	6906542.3	1183
8042728	26/08/2016	174234	33	N	425		24	7.5	12.2	86	30	1.46			7.5	12.2		397264.71	6906550.47	1182
8042728	26/08/2016	174314	33	N	437.5		24	6.4	13	86	32	1.47			6.4	13		397273.32	6906560.45	1181
8042728	26/08/2016	174350	33	N	450		24	7	13.5	88	31	1.49			7	13.5		397280.32	6906570.42	1180
8042728	26/08/2016	174422	33	N	462.5		24	5.6	15.1	85	37	1.47			5.6	15.1		397287.64	6906579.73	1181
8042728	26/08/2016	174510	33	N	475		24	3.9	15.1	88	28	1.48			3.9	15.1		397297.08	6906589.79	1181
8042728	26/08/2016	174534	33	N	475		24	5.1	15.2	87	28	1.46	1					397297	6906590.27	1181
8042728	26/08/2016	174602	33	N	475		24	5.4	14.5	86	34	1.48	2					397296.85	6906589.97	1181
8042728	26/08/2016	174742	33	N	487.5		24	2.9	12.7	88	27	1.47			2.9	12.7		397304.16	6906599.09	1181
8042728	26/08/2016	174818	33	N	500		24	0.9	10.2	92	27	1.53			0.9	10.2		397312.51	6906609.66	1181
8042728	26/08/2016	174838	33	N	500		24	0.5	10.9	88	28	1.48	1					397312.63	6906610.01	1181
8042728	26/08/2016	174914	33	N	512.5		24	-1.3	9.7	94	25	1.54			-1.3	9.7		397320.4	6906617.9	1180
8042728	26/08/2016	174938	33	N	512.5		24	-0.4	8.3	94	21	1.53	1					397320.54	6906617.89	1180
8042728	26/08/2016	175022	33	N	525		24	-3.3	7.4	93	27	1.55			-3.3	7.4		397326.7	6906626.71	1180
8042728	26/08/2016	175118	33	N	537.5		24	-4.4	4.5	91	35	1.56			-4.4	4.5		397334.73	6906638.29	1179
8042728	26/08/2016	175158	33	N	550		24	-5.1	6.6	90	42	1.58			-5.1	6.6		397342.51	6906648.91	1179
8042728	26/08/2016	175234	33	N	562.5		24	-4.4	5	86	48	1.57			-4.4	5		397348	6906656.87	1177
8042728	26/08/2016	175326	33	N	575		24	-4.2	5.8	95	41	1.64	2					397354.66	6906667.43	1176
8042728	26/08/2016	175442	33	N	575		24	-4.3	5	95	47	1.69	1					397355.42	6906669.12	1176
8042728	26/08/2016	175458	33	N	575		24	-2.9	5.1	94	43	1.64	2					397355.33	6906669.06	1176
8042728	26/08/2016	175514	33	N	575		24	-2.6	5.1	93	43	1.63			-2.6	5.1		397355.38	6906669.05	1176
8042728	26/08/2016	175546	33	N	587.5	Poor GPS	24	-0.1	5.5	98	37	1.67			-0.1	5.5		397362.15	6906678.65	1175
8042728	26/08/2016	175618	33	N	600		24	2.2	6.3	94	42	1.64			2.2	6.3		397369.52	6906688	1173
8042728	26/08/2016	175710	33	N	612.5		24	5.7	7.4	85	46	1.54			5.7	7.4		397376.95	6906698.08	1171
8042728	26/08/2016	175742	33	N	625		24	9.4	8.5	96	39	1.65			9.4	8.5		397384.7	6906709.34	1171
8042728	26/08/2016	175810	33	N	637.5		24	11.7	9.7	85	47	1.55			11.7	9.7		397391.63	6906719.14	1169
8042728	26/08/2016	175842	33	N	650		24	16.1	11.1	86	45	1.56			16.1	11.1		397400.05	6906729.62	1168
8042728	26/08/2016	175918	33	N	662.5		24	21.6	15.3	79	47	1.46			21.6	15.3		397409.02	6906740.8	1167
8042728	26/08/2016	180006	33	N	675		24	23	14.9	75	43	1.38			23	14.9		397416.08	6906751.62	1164
8042728	26/08/2016	180034	33	N	687.5		24	25.1	14	63	49	1.28			25.1	14		397420.7	6906759.28	1162
8042728	26/08/2016	180114	33	N	700		24	21.8	12.3	76	37	1.35			21.8	12.3		397428.03	6906769.78	1160
8042728	26/08/2016	180146	33	N	712.5		24	20.8	12.1	70	38	1.27			20.8	12.1		397432.92	6906778.94	1157
8042728	26/08/2016	180230	33	N	725		24	18.4	9.5	67	39	1.23			18.4	9.5		397441.23	6906790.81	1154
8042728	26/08/2016	180246	33	N	725		24	17.4	10.7	65	41	1.23	1					397441.47	6906790.94	1154
8042728	26/08/2016	180334	33	N	737.5		24	15.1	8.4	68	38	1.24			15.1	8.4		397445.19	6906799.39	1153
8042728	26/08/2016	180406	33	N	750		24	12.4	7.5	71	33	1.25			12.4	7.5		397451.14	6906810.16	1151
8042728	26/08/2016	180434	33	N	750		24	11.6	7.5	66	40	1.23	1					397451.22	6906810.57	1150
8042728	26/08/2016	180510	33	N	762.5		24	10.9	7.3	74	29	1.27	1					397459.7	6906820.73	1147
8042728	26/08/2016	180538	33	N	762.5		24	9.3	7.5	70	34	1.25			9.3	7.5		397459.43	6906820.99	1148
8042728	26/08/2016	180614	33	N	775		24	6.1	5.8	68	34	1.22			6.1	5.8		397466.34	6906832.95	1144
8042728	26/08/2016	180634	33	N	775		24	6.5	5.8	55	43	1.12	1					397466.68	6906832.69	1145
8042728	26/08/2016	180650	33	N	775		24	6.4	5.5	62	39	1.17	1					397465.83	6906832.96	1145
8042728	26/08/2016	180730	33	N	787.5		24	8.3	6.4	67	37	1.22	2					397473.25	6906843.75	1144
8042728	26/08/2016	180750	33	N	787.5		24	4.4	3.6	60	43	1.17			4.4	3.6		397472.82	6906843.56	1143
8042728	26/08/2016	180806	33	N	787.5		24	3.1	5	61	39	1.16	1					397472.89	6906843.48	1144
8042728	26/08/2016	180850	33	N	800		24	2.7	5.7	62	42	1.2			2.7	5.7		397480.09	6906855.03	1142
8042728	26/08/2016	180946	33	N	812.5		24	2.2	5.4	59	44	1.18			2.2	5.4		397484.18	6906863.9	1142
8042728	26/08/2016	181002	33	N	812.5		24	0.9	5	59	46	1.19	1					397484.36	6906864.05	1142

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	181126	33	N	825		24	4.7	6.9	59	48	1.22			4.7	6.9		397492.72	6906874.97	1139
8042728	26/08/2016	181142	33	N	825		24	3.9	6.2	55	46	1.14	1					397492.66	6906874.87	1140
8042728	26/08/2016	181158	33	N	825		24	2.7	7	55	49	1.18	1					397492.7	6906874.81	1140
8042728	26/08/2016	181334	33	N	837.5		24	6.2	9	49	50	1.13			6.2	9		397501.16	6906885.97	1137
8042728	26/08/2016	181422	33	N	850		24	8.9	9.5	64	41	1.22			8.9	9.5		397505.92	6906894.39	1136
8042728	26/08/2016	181506	33	N	862.5		24	13.2	10.4	63	38	1.18			13.2	10.4		397513.13	6906903.47	1136
8042728	26/08/2016	181554	33	N	875		24	10	11.8	65	38	1.19			10	11.8		397520.62	6906912.43	1135
8042728	26/08/2016	181614	33	N	875		24	12.5	12	65	36	1.18	1					397521.19	6906912.18	1134
8042728	26/08/2016	181630	33	N	875		24	12.4	11.7	58	44	1.16	1					397520.85	6906912.45	1134
8042728	26/08/2016	181906	33	N	887.5		24	10.8	11	62	38	1.16			10.8	11		397524.39	6906922.31	1134
8042728	26/08/2016	181946	33	N	900		24	8.4	11.3	52	43	1.08	1					397534.25	6906936.6	1132
8042728	26/08/2016	182002	33	N	900		24	7.5	11.3	55	41	1.09			7.5	11.3		397534.06	6906936.62	1132
8042728	26/08/2016	182038	33	N	912.5		24	6.1	10.7	52	43	1.08			6.1	10.7		397540.36	6906946.77	1131
8042728	26/08/2016	182126	33	N	925		24	5.6	12	64	32	1.14			5.6	12		397545.9	6906958.31	1130
8042728	26/08/2016	182222	33	N	937.5		24	2.8	12.7	55	39	1.07			2.8	12.7		397551.66	6906965.1	1129
8042728	26/08/2016	182306	33	N	950		24	3	13.7	60	35	1.11			3	13.7		397557.29	6906972.96	1129
8042728	26/08/2016	182358	33	N	962.5		24	0.9	16.5	62	30	1.11			0.9	16.5		397565.24	6906985.24	1127
8042728	26/08/2016	182434	33	N	975		24	-3.4	18.1	44	44	0.99	2					397570.62	6906995.26	1128
8042728	26/08/2016	182450	33	N	975		24	-0.4	17.3	114	75	1.08	1					397570.69	6906995.13	1127
8042728	26/08/2016	182506	33	N	975		24	-3	18.4	114	77	1.09			-3	18.4		397570.7	6906995.1	1127
8042728	26/08/2016	182546	33	N	987.5		24	-5.1	17.5	120	71	1.11			-5.1	17.5		397576.23	6907006	1127
8042728	26/08/2016	182630	33	N	1000		24	-8.7	16.5	112	74	1.07			-8.7	16.5		397583.57	6907017.63	1125
8042728	26/08/2016	182646	33	N	1000		24	-6.2	18.5	117	67	1.07	1					397583.95	6907017.74	1125
8042728	26/08/2016	182722	33	N	1012.5		24	-10.1	17.9	122	59	1.08			-10.1	17.9		397590.3	6907026.55	1125
8042728	26/08/2016	182930	33	N	1025		24	-17.2	16.4	48	39	0.99	2					397598.5	6907038.29	1124
8042728	26/08/2016	183002	33	N	1025		24	-13	19.3	114	70	1.06	1					397598.13	6907037.39	1123
8042728	26/08/2016	183018	33	N	1025		24	-14.2	18.9	114	74	1.08			-14.2	18.9		397598.12	6907037.32	1123
8042728	26/08/2016	183122	33	N	1037.5		24	-15.5	18.2	117	70	1.08			-15.5	18.2		397605.55	6907045.75	1123
8042728	26/08/2016	183214	33	N	1050		24	-17.4	18.5	123	66	1.11			-17.4	18.5		397613.28	6907055.86	1123
8042728	26/08/2016	183258	33	N	1062.5		24	-21	18.2	59	35	1.1	1					397622.08	6907066.09	1121
8042728	26/08/2016	183314	33	N	1062.5		24	-23	18.2	60	38	1.13			-23	18.2		397622.18	6907066.81	1122
8042728	26/08/2016	183330	33	N	1062.5		24	-23.9	16.9	57	38	1.09	1					397622.18	6907066.9	1123
8042728	26/08/2016	183414	33	N	1075		24	-26.2	16.3	61	36	1.13			-26.2	16.3		397629.98	6907078.65	1122
8042728	26/08/2016	183454	33	N	1087.5		24	-24.9	16.6	60	39	1.15	1					397636.66	6907089.33	1122
8042728	26/08/2016	183510	33	N	1087.5		24	-27.6	15.3	66	35	1.2			-27.6	15.3		397636.46	6907089.38	1123
8042728	26/08/2016	183546	33	N	1100		24	-27	14.6	67	33	1.19			-27	14.6		397642.71	6907098.65	1121
8042728	26/08/2016	183622	33	N	1112.5		24	-29	13.6	64	39	1.2			-29	13.6		397650.59	6907106.6	1122
8042728	26/08/2016	183654	33	N	1125		24	-28.2	13.3	69	36	1.24			-28.2	13.3		397659.35	6907114.93	1121
8042728	26/08/2016	183758	33	N	1137.5		24	-27.8	10.8	71	36	1.27			-27.8	10.8		397668.46	6907124.17	1121
8042728	26/08/2016	183834	33	N	1150		24	-25.9	8.8	75	37	1.34			-25.9	8.8		397675.33	6907135.25	1120
8042728	26/08/2016	183922	33	N	1162.5		24	-23.8	9.6	78	40	1.39			-23.8	9.6		397682.28	6907144.09	1121
8042728	26/08/2016	184014	33	N	1175		24	-19.3	9.9	84	30	1.42			-19.3	9.9		397689.07	6907152.95	1121
8042728	26/08/2016	184054	33	N	1187.5		24	-18.9	8	85	28	1.43			-18.9	8		397696.9	6907163.44	1122
8042728	26/08/2016	184138	33	N	1200		24	-17.4	4.2	75	41	1.36			-17.4	4.2		397707.06	6907178.16	1125
8042728	26/08/2016	184210	33	N	1212.5		24	-15.8	1.8	74	44	1.37			-15.8	1.8		397712.12	6907183.53	1123
8042728	26/08/2016	184246	33	N	1225		24	-16.7	-1	72	46	1.36			-16.7	-1		397718.3	6907194.79	1124
8042728	26/08/2016	184322	33	N	1237.5		24	-14.3	-3.2	76	42	1.39			-14.3	-3.2		397724.7	6907205.62	1125
8042728	26/08/2016	184410	33	N	1250		24	-13.8	-3.4	82	35	1.43			-13.8	-3.4		397731.6	6907214.2	1128
8042728	26/08/2016	184458	33	N	1262.5		24	-11.1	-3.8	89	25	1.47			-11.1	-3.8		397739.59	6907223.78	1127
8042728	26/08/2016	184538	33	N	1275		24	-11	-4.8	87	32	1.48			-11	-4.8		397746.64	6907235.72	1126
8042728	26/08/2016	184622	33	N	1287.5		24	-10.7	-4.5	85	32	1.44			-10.7	-4.5		397752.96	6907243.56	1132
8042728	26/08/2016	184658	33	N	1300		24	-10.3	-4.1	82	35	1.43			-10.3	-4.1		397760.84	6907252.75	1130
8042728	26/08/2016	184742	33	N	1312.5		24	-11.1	-4.1	85	34	1.46			-11.1	-4.1		397768.16	6907261.84	1132
8042728	26/08/2016	185110	33	N	1325		24	-12.7	-4.8	87	32	1.47			-12.7	-4.8		397779.71	6907276.43	1137
8042728	26/08/2016	185146	33	N	1337.5		24	-11.5	-4.7	80	43	1.45			-11.5	-4.7		397779.23	6907284.05	1134
8042728	26/08/2016	185226	33	N	1350		24	-13.1	-4.4	75	46	1.41			-13.1	-4.4		397787.33	6907293.07	1135
8042728	26/08/2016	185334	33	N	1362.5		24	-9.3	-3.6	81	43	1.47			-9.3	-3.6		397794.77	6907309.74	1138

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	185430	33	N	1375		24	-6.4	-0.9	92	36	1.58			-6.4	-0.9		397799.12	6907315.13	1136
8042728	26/08/2016	185506	33	N	1387.5		24	-3.7	1.6	94	28	1.56			-3.7	1.6		397808.75	6907327.32	1138
8042728	26/08/2016	185546	33	N	1400		24	-6.5	-0.9	88	33	1.5			-6.5	-0.9		397816.53	6907335.35	1139
8042728	26/08/2016	185618	33	N	1412.5		24	-6.9	-2	88	33	1.5			-6.9	-2		397821.55	6907344.38	1144
8042728	26/08/2016	185722	33	N	1425		24	-7.9	0.2	88	35	1.51			-7.9	0.2		397830.99	6907354.5	1142
8042728	26/08/2016	185810	33	N	1437.5		24	-7	-0.7	94	24	1.54			-7	-0.7		397838.99	6907363.43	1142
8042728	26/08/2016	185858	33	N	1450		24	-8.2	-1.1	95	20	1.54			-8.2	-1.1		397845.9	6907371.01	1146
8042728	26/08/2016	185934	33	N	1462.5		24	-9.1	-1.1	80	43	1.45			-9.1	-1.1		397851.34	6907383.97	1147
8042728	26/08/2016	190006	33	N	1475		24	-9.2	-0.7	80	45	1.47			-9.2	-0.7		397860.28	6907394.41	1145
8042728	26/08/2016	190050	33	N	1487.5		24	-8.4	-1.2	78	45	1.44			-8.4	-1.2		397865.39	6907407.67	1155
8042728	26/08/2016	190122	33	N	1500		24	-6.4	3.2	79	49	1.48			-6.4	3.2		397870.91	6907413.64	1150
8042728	26/08/2016	190346	33	N	1512.5		24	-1.5	1.8	69	53	1.39			-1.5	1.8		397877.8	6907426.61	1152
8042728	26/08/2016	190422	33	N	1525		24	-2.9	5.1	62	59	1.36			-2.9	5.1		397882.7	6907437.8	1166
8042728	26/08/2016	190502	33	N	1537.5		24	7.2	0.5	73	49	1.4			7.2	0.5		397891.92	6907446.3	1158
8042728	26/08/2016	190542	33	N	1550		24	12.8	-4.8	76	53	1.47			12.8	-4.8		397898.78	6907453.92	1154
8042728	26/08/2016	190714	33	N	1562.5		24	-2.2	-0.4	63	56	1.35			-2.2	-0.4		397904.51	6907464.4	1160
8042728	26/08/2016	191002	33	N	1575		24	-8	2.4	67	52	1.35			-8	2.4		397914.29	6907474.58	1156
8042728	26/08/2016	191034	33	N	1587.5		24	-11.2	-0.7	63	53	1.32			-11.2	-0.7		397920.76	6907485.75	1158
8042728	26/08/2016	191110	33	N	1600		24	-17.5	-6.9	72	56	1.45			-17.5	-6.9		397928.8	6907498.12	1157
8042728	26/08/2016	191150	33	N	1612.5		24	-11.4	-3.8	72	67	1.57			-11.4	-3.8		397934.51	6907507.74	1156
8042728	26/08/2016	191254	33	N	1625		24	3.8	4	68	71	1.56			3.8	4		397940.82	6907516.9	1157
8042728	26/08/2016	191326	33	N	1637.5		24	13.6	7.2	66	61	1.43			13.6	7.2		397946.48	6907527.06	1155
8042728	26/08/2016	191354	33	N	1650		24	14.5	4.9	68	55	1.4			14.5	4.9		397951.88	6907535.17	1151
8042728	26/08/2016	191438	33	N	1662.5		24	12.6	3	65	54	1.35			12.6	3		397960.04	6907548.25	1149
8042728	26/08/2016	191506	33	N	1675		24	7.9	2	68	49	1.34			7.9	2		397968.19	6907560.36	1148
8042728	26/08/2016	191534	33	N	1687.5		24	4.2	0.3	67	48	1.31			4.2	0.3		397975.11	6907567.85	1147
8042728	26/08/2016	191606	33	N	1700		24	0.2	-2	66	49	1.3			0.2	-2		397983.63	6907578.24	1146
8042728	26/08/2016	191646	33	N	1712.5		24	-5.2	-3.8	69	45	1.32			-5.2	-3.8		397988.43	6907588.29	1146
8042728	26/08/2016	191718	33	N	1725		24	-4.8	-2.2	72	42	1.33			-4.8	-2.2		397996.51	6907595.75	1141
8042728	26/08/2016	191750	33	N	1737.5		24	-9.9	-5.6	66	51	1.33			-9.9	-5.6		398000.8	6907606.26	1143
8042728	26/08/2016	191826	33	N	1750		24	-9.7	-4.7	76	47	1.43			-9.7	-4.7		398007.72	6907616.81	1138
8042728	26/08/2016	191914	33	N	1762.5		24	-11.2	-5.6	80	44	1.46			-11.2	-5.6		398015.94	6907624.1	1134
8042728	26/08/2016	191950	33	N	1775		24	-6.8	-2.3	69	59	1.45			-6.8	-2.3		398026.48	6907636.58	1135
8042728	26/08/2016	192038	33	N	1787.5		24	-4.7	-1.8	80	51	1.51			-4.7	-1.8		398030.04	6907648.84	1134
8042728	26/08/2016	192114	33	N	1800		24	-4.7	-3.1	79	52	1.51			-4.7	-3.1		398035.39	6907657.85	1133
8042728	26/08/2016	192146	33	N	1812.5		24	-2.5	-2.7	85	55	1.61			-2.5	-2.7		398042.29	6907667.31	1130
8042728	26/08/2016	192218	33	N	1825		24	5	1.8	89	55	1.67			5	1.8		398049.48	6907680.54	1132
8042728	26/08/2016	192254	33	N	1837.5		24	10.5	6	80	50	1.5			10.5	6		398059.04	6907691.5	1127
8042728	26/08/2016	192310	33	N	1837.5		24	12.4	6	80	52	1.52	1					398058.63	6907692.2	1127
8042728	26/08/2016	192410	33	N	1850		24	9.6	3.8	74	50	1.43			9.6	3.8		398068.54	6907703.58	1130
8042728	26/08/2016	192546	33	N	1862.5		24	8.5	0.8	42	67	1.26			8.5	0.8		398071.77	6907706.5	1123
8042728	26/08/2016	192658	33	N	1875		24	5.5	-2.5	72	52	1.41			5.5	-2.5		398082.24	6907720.29	1120
8042728	26/08/2016	192750	33	N	1887.5		24	2.7	-2.3	83	42	1.48	1					398089.08	6907730.48	1120
8042728	26/08/2016	192814	33	N	1887.5		24	4	-3.2	74	51	1.43			4	-3.2	better data fit	398088.58	6907731.25	1118
8042728	26/08/2016	192854	33	N	1900	Very Close to previous station, GPS poor	24	5.4	0.2	80	46	1.46			5.4	0.2		398094.48	6907736.65	1116
8042728	26/08/2016	192934	33	N	1912.5		24	9.7	4.4	81	39	1.44			9.7	4.4		398103.77	6907746.66	1116
8042728	26/08/2016	193010	33	N	1925		24	7.3	1.6	81	42	1.45			7.3	1.6		398109.44	6907755.24	1113
8042728	26/08/2016	193050	33	N	1937.5		24	5	1.1	79	42	1.43			5	1.1		398117.8	6907763.08	1106
8042728	26/08/2016	193130	33	N	1950		24	1.9	-0.9	76	42	1.38			1.9	-0.9		398122.74	6907773.64	1106
8042728	26/08/2016	193202	33	N	1962.5		24	0	-0.9	68	48	1.33			0	-0.9		398128.29	6907784.46	1107
8042728	26/08/2016	193238	33	N	1975		24	-2.4	-2	78	43	1.43			-2.4	-2		398138.29	6907796.25	1106
8042728	26/08/2016	193318	33	N	1987.5		24	-4.4	-1.7	78	41	1.41			-4.4	-1.7		398143.62	6907807.13	1105
8042728	26/08/2016	193358	33	N	2000		24	-7.3	-2.4	81	39	1.44			-7.3	-2.4		398150.01	6907814.12	1102
8042728	26/08/2016	193434	33	N	2012.5		24	-9.7	-6.2	78	43	1.43			-9.7	-6.2		398159.31	6907822.41	1100
8042728	26/08/2016	193510	33	N	2025		24	-12.3	-8.7	83	44	1.49			-12.3	-8.7		398168.7	6907832.16	1098
8042728	26/08/2016	193554	33	N	2037.5		24	-10.6	-9.2	73	54	1.45			-10.6	-9.2		398175.2	6907844.06	1102
8042728	26/08/2016	193630	33	N	2050		24	-1.3	-4.8	79	63	1.61			-1.3	-4.8		398183.45	6907849.99	1094

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	193702	33	N	2062.5		24	13.4	2.7	82	55	1.58			13.4	2.7		398190.93	6907859.97	1094
8042728	26/08/2016	193738	33	N	2075		24	18.7	3.2	83	43	1.5			18.7	3.2		398195.24	6907870.97	1088
8042728	26/08/2016	193814	33	N	2087.5		24	20.2	5.4	73	45	1.38			20.2	5.4		398202.12	6907881.09	1091
8042728	26/08/2016	193854	33	N	2100		24	16.6	2.1	76	44	1.4			16.6	2.1		398209.72	6907893.22	1090
8042728	26/08/2016	193934	33	N	2112.5		24	11.1	0	77	35	1.35			11.1	0		398220	6907906.47	1089
8042728	26/08/2016	194010	33	N	2125		24	8.1	-1.4	81	40	1.44			8.1	-1.4		398227.08	6907915.25	1085
8042728	26/08/2016	194046	33	N	2137.5		24	8.8	0.1	77	39	1.37			8.8	0.1		398231.41	6907921.53	1085
8042728	26/08/2016	194130	33	N	2150		24	8.2	1.1	77	38	1.37			8.2	1.1		398239.92	6907931.1	1085
8042728	26/08/2016	194206	33	N	2162.5		24	4.3	0.6	80	36	1.4			4.3	0.6		398246.38	6907941.78	1082
8042728	26/08/2016	194246	33	N	2175		24	1.8	-1.9	78	37	1.37			1.8	-1.9		398255.12	6907951.22	1079
8042728	26/08/2016	194322	33	N	2187.5		24	1.6	0	64	51	1.3			1.6	0		398257.72	6907963.15	1078
8042728	26/08/2016	194426	33	N	2200		24	4.4	3.6	76	41	1.38			4.4	3.6		398265.11	6907972.7	1072
8042728	26/08/2016	194506	33	N	2212.5		24	4.2	3.5	80	36	1.4			4.2	3.5		398272.69	6907982.53	1069
8042728	26/08/2016	194538	33	N	2225		24	2.6	3.4	80	36	1.4			2.6	3.4		398279.17	6907992.45	1072
8042728	26/08/2016	194618	33	N	2237.5		24	-1.4	3.3	71	45	1.35			-1.4	3.3		398288.93	6908006.47	1069
8042728	26/08/2016	194650	33	N	2250		24	-1.1	2.8	77	39	1.38			-1.1	2.8		398292.96	6908013.34	1068
8042728	26/08/2016	194730	33	N	2262.5		24	-2.1	1.6	80	39	1.42			-2.1	1.6		398299.99	6908023.24	1064
8042728	26/08/2016	194750	33	N	2262.5		24	-2.8	0.9	74	39	1.34	1					398300.71	6908024.53	1064
8042728	26/08/2016	194838	33	N	2275		24	-2.6	4.8	73	41	1.33			-2.6	4.8		398307.2	6908033.78	1062
8042728	26/08/2016	194918	33	N	2287.5		24	-2.5	4.2	80	35	1.39			-2.5	4.2		398315.33	6908045.87	1060
8042728	26/08/2016	194950	33	N	2300		24	-3.2	5.6	74	42	1.36			-3.2	5.6		398321.77	6908055.03	1057
8042728	26/08/2016	195022	33	N	2312.5		24	-0.2	9.1	68	43	1.29			-0.2	9.1		398327.89	6908063.42	1055
8042728	26/08/2016	195054	33	N	2325		24	1.3	10.2	68	45	1.3			1.3	10.2		398335.1	6908070.33	1050
8042728	26/08/2016	195130	33	N	2337.5		24	1.6	11.9	68	43	1.29			1.6	11.9		398342.96	6908080.85	1048
8042728	26/08/2016	195210	33	N	2350		24	5.1	13.5	66	41	1.24			5.1	13.5		398350.3	6908092.69	1046
8042728	26/08/2016	195250	33	N	2362.5		24	3.9	13.6	71	33	1.25	1					398356.81	6908099.62	1039
8042728	26/08/2016	195306	33	N	2362.5		24	3.7	14	70	37	1.27			3.7	14		398356.74	6908099.67	1039
8042728	26/08/2016	195322	33	N	2362.5		24	4.8	13	67	39	1.24	1					398356.53	6908099.47	1039
8042728	26/08/2016	195350	33	N	2362.5		24	2.9	15.8	74	44	1.38	2					398355.94	6908098.1	1037
1124844	26/08/2016	171134	35	N	0		24	2	-11.6	61	22	1.04			2	-11.6		397191.97	6906092.72	1154
1124844	26/08/2016	171150	35	N	0		24	3.1	-12.8	59	26	1.03	1					397192.14	6906092.62	1154
1124844	26/08/2016	171726	35	N	25		24	0.2	-12.7	58	31	1.05	1					397204.05	6906111.15	1161
1124844	26/08/2016	171750	35	N	25		24	1	-13.5	60	30	1.07			1	-13.5		397204.09	6906111.38	1159
1124844	26/08/2016	171950	35	N	37.5		24	0.9	-13.7	49	40	1.01	1					397210.09	6906120.37	1164
1124844	26/08/2016	172010	35	N	37.5		24	-2.6	-11.8	98	83	1.02			-2.6	-11.8		397210.31	6906120.38	1164
1124844	26/08/2016	172122	35	N	50		24	-1.1	-12.6	94	92	1.04			-1.1	-12.6		397217.22	6906130.72	1168
1124844	26/08/2016	172238	35	N	62.5		24	-3.2	-14	97	65	0.93			-3.2	-14		397224.88	6906139.02	1170
1124844	26/08/2016	172334	35	N	75		24	1.4	-6.4	97	54	0.88			1.4	-6.4		397230.53	6906150.33	1172
1124844	26/08/2016	172406	35	N	87.5		24	2.3	-4.8	97	70	0.95			2.3	-4.8		397239.28	6906159.18	1174
1124844	26/08/2016	172522	35	N	100		24	-0.1	-7.4	97	63	0.92			-0.1	-7.4		397243.87	6906170.14	1176
1124844	26/08/2016	172558	35	N	112.5		24	0.4	-7.4	97	68	0.95			0.4	-7.4		397249.65	6906180.8	1178
1124844	26/08/2016	172650	35	N	125		24	7.8	0.9	97	47	0.86			7.8	0.9		397258.57	6906190.1	1180
1124844	26/08/2016	172738	35	N	137.5		24	6.9	0	97	68	0.94			6.9	0		397266.08	6906198.47	1181
1124844	26/08/2016	172810	35	N	150		24	5	-1.3	97	47	0.86			5	-1.3		397273.4	6906206.6	1181
1124844	26/08/2016	172854	35	N	162.5		24	6.7	-1	97	53	0.88			6.7	-1		397278.7	6906219.01	1183
1124844	26/08/2016	172942	35	N	175		24	6.6	-0.6	97	73	0.97			6.6	-0.6		397286.69	6906228.93	1185
1124844	26/08/2016	173538	35	N	187.5		24	9.4	2.9	97	76	0.98	1					397293.49	6906239.51	1185
1124844	26/08/2016	173610	35	N	187.5		24	5.1	0	97	80	1			5.1	0		397298.48	6906249.9	1187
1124844	26/08/2016	173642	35	N	200		24	4.7	-1	97	71	0.96			4.7	-1		397302.96	6906261.39	1189
1124844	26/08/2016	173742	35	N	212.5		24	2.7	-1.4	97	69	0.95			2.7	-1.4		397313.96	6906269.92	1192
1124844	26/08/2016	173818	35	N	225		24	1.5	-1.1	97	72	0.96			1.5	-1.1		397319.31	6906279.82	1192
1124844	26/08/2016	173854	35	N	237.5		24	1.5	-1.5	97	64	0.93			1.5	-1.5		397327.36	6906289.61	1194
1124844	26/08/2016	173930	35	N	250		24	-1.6	-4.9	97	53	0.88			-1.6	-4.9		397335.24	6906299.3	1196
1124844	26/08/2016	174010	35	N	262.5		24	-3.4	-6.6	97	49	0.87			-3.4	-6.6		397340.93	6906308.43	1198
1124844	26/08/2016	174102	35	N	275		24	11.3	5	81	97	1			11.3	5		397347.43	6906322.47	1198
1124844	26/08/2016	174202	35	N	287.5		24	16.4	12.9	98	89	1.05			16.4	12.9		397352.57	6906330.53	1199
1124844	26/08/2016	174234	35	N	300		24	16.9	13	97	76	0.98			16.9	13		397361.36	6906340.48	1200

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	174306	35	N	312.5		24	13.3	9.9	97	58	0.9			13.3	9.9		397368.85	6906349.15	1201
1124844	26/08/2016	174354	35	N	325		24	9.7	7	97	63	0.92			9.7	7		397376.41	6906360.4	1202
1124844	26/08/2016	174438	35	N	337.5		24	5.7	2.9	97	68	0.94			5.7	2.9		397384.89	6906371.49	1202
1124844	26/08/2016	174518	35	N	350		24	4.4	2.5	97	51	0.87			4.4	2.5		397392.96	6906380.47	1203
1124844	26/08/2016	174546	35	N	362.5		24	2.3	0.9	97	61	0.91			2.3	0.9		397399.84	6906389.67	1204
1124844	26/08/2016	174810	35	N	375		24	0.4	-1.1	97	67	0.94			0.4	-1.1		397407.22	6906400.13	1205
1124844	26/08/2016	174842	35	N	387.5		24	0.1	1.4	97	64	0.92			0.1	1.4		397412.14	6906411.66	1206
1124844	26/08/2016	174910	35	N	400		24	-0.3	1.3	97	63	0.92			-0.3	1.3		397419.14	6906419.76	1206
1124844	26/08/2016	174942	35	N	412.5		24	-0.2	1	97	55	0.89			-0.2	1		397427.65	6906430.66	1207
1124844	26/08/2016	175022	35	N	425		24	6.2	6.2	97	88	1.04			6.2	6.2		397435.04	6906440.83	1208
1124844	26/08/2016	175050	35	N	437.5		24	7.2	6.3	98	86	1.03			7.2	6.3		397441.39	6906452.33	1207
1124844	26/08/2016	175126	35	N	450		24	5	6	97	62	0.92			5	6		397448.92	6906461.73	1207
1124844	26/08/2016	175158	35	N	462.5		24	3.9	3.2	97	50	0.87			3.9	3.2		397457.79	6906471.16	1207
1124844	26/08/2016	175246	35	N	475		24	5.2	2.1	97	82	1.01			5.2	2.1		397463.49	6906481.23	1207
1124844	26/08/2016	175318	35	N	487.5		24	9.4	6.6	97	86	1.03			9.4	6.6		397471.17	6906492.72	1207
1124844	26/08/2016	175442	35	N	500		24	7.8	4.2	97	83	1.02			7.8	4.2		397478.57	6906501.74	1206
1124844	26/08/2016	175510	35	N	512.5		24	8.6	2.2	98	90	1.06			8.6	2.2		397484.74	6906512.63	1205
1124844	26/08/2016	175542	35	N	525		24	14.8	7.8	97	85	1.03			14.8	7.8		397490.88	6906523.52	1205
1124844	26/08/2016	175610	35	N	537.5		24	19.5	7.5	97	83	1.02			19.5	7.5		397498.81	6906533.46	1204
1124844	26/08/2016	175642	35	N	550		24	18.2	5	97	77	0.98			18.2	5		397505	6906544.46	1203
1124844	26/08/2016	175710	35	N	562.5		24	21.5	9.5	97	82	1.01			21.5	9.5		397512.09	6906554.72	1202
1124844	26/08/2016	175754	35	N	575		24	20.7	6.4	97	80	1			20.7	6.4		397519.08	6906565.85	1200
1124844	26/08/2016	175838	35	N	587.5		24	20.5	3.2	97	84	1.02			20.5	3.2		397525.59	6906575.39	1200
1124844	26/08/2016	175922	35	N	600		24	20.7	4.7	97	80	1			20.7	4.7		397533	6906584.8	1199
1124844	26/08/2016	175950	35	N	612.5		24	18.2	-0.2	97	67	0.94			18.2	-0.2		397538.72	6906593.13	1197
1124844	26/08/2016	180022	35	N	625		24	16.1	0.5	98	91	1.06			16.1	0.5		397546.89	6906604.25	1196
1124844	26/08/2016	180102	35	N	637.5		24	22.6	3.2	97	73	0.97	1					397554.91	6906614.36	1195
1124844	26/08/2016	180122	35	N	637.5		24	20.3	3	97	82	1.01			20.3	3		397555.08	6906614.19	1195
1124844	26/08/2016	180154	35	N	650		24	28.5	7.4	98	91	1.06			28.5	7.4		397559.91	6906626.05	1193
1124844	26/08/2016	180242	35	N	662.5		24	33.9	11	97	67	0.94			33.9	11		397567.8	6906636.17	1191
1124844	26/08/2016	180334	35	N	675		24	37	12.8	97	61	0.91			37	12.8		397574.43	6906645.55	1191
1124844	26/08/2016	180418	35	N	687.5		24	41	14.6	97	48	0.86			41	14.6		397581.4	6906655.89	1189
1124844	26/08/2016	180502	35	N	700		24	39.8	13.2	97	54	0.88			39.8	13.2		397590.27	6906665.17	1189
1124844	26/08/2016	180546	35	N	712.5		24	39.2	13	97	39	0.83			39.2	13		397597.77	6906675.14	1186
1124844	26/08/2016	180622	35	N	725		24	39.1	14.2	97	52	0.88			39.1	14.2		397606.97	6906683.94	1185
1124844	26/08/2016	180702	35	N	737.5		24	36.6	11.9	97	44	0.85			36.6	11.9		397613.25	6906694.42	1183
1124844	26/08/2016	180758	35	N	750		24	29.8	8	97	66	0.93			29.8	8		397618.33	6906703.46	1181
1124844	26/08/2016	180826	35	N	762.5		24	30	5.6	97	43	0.85			30	5.6		397625.79	6906712.31	1179
1124844	26/08/2016	180902	35	N	775		24	26.5	4.6	97	50	0.87			26.5	4.6		397635.67	6906726.85	1179
1124844	26/08/2016	180926	35	N	787.5		24	25	3.5	97	56	0.89			25	3.5		397641.13	6906733.16	1178
1124844	26/08/2016	181018	35	N	800		24	26.9	5.1	97	47	0.86			26.9	5.1		397648.29	6906743.9	1176
1124844	26/08/2016	181054	35	N	812.5		24	22.8	0.7	97	58	0.9			22.8	0.7		397655.45	6906752.69	1175
1124844	26/08/2016	181126	35	N	825		24	26.4	7.3	97	79	1			26.4	7.3		397662.36	6906763.37	1172
1124844	26/08/2016	181214	35	N	837.5		24	30.3	10.4	97	72	0.96			30.3	10.4		397669.54	6906774.2	1172
1124844	26/08/2016	181302	35	N	850		24	37.1	19.6	97	45	0.85			37.1	19.6		397673.48	6906783.83	1171
1124844	26/08/2016	181346	35	N	862.5		24	32.9	17.7	97	45	0.85	1					397681.73	6906792.16	1171
1124844	26/08/2016	181430	35	N	862.5		24	33.7	14.5	97	54	0.88			33.7	14.5		397682.21	6906792.36	1170
1124844	26/08/2016	181502	35	N	875		24	30.4	13.6	97	57	0.89			30.4	13.6		397689.66	6906800.73	1169
1124844	26/08/2016	181546	35	N	887.5		24	28.5	10.5	97	55	0.89			28.5	10.5		397694.64	6906812.56	1166
1124844	26/08/2016	181618	35	N	900		24	27	11.5	97	53	0.88			27	11.5		397701.74	6906821.48	1164
1124844	26/08/2016	181858	35	N	912.5		24	26.7	13.2	97	54	0.88			26.7	13.2		397709.02	6906832.25	1163
1124844	26/08/2016	181946	35	N	925		24	28.2	16.7	97	55	0.89			28.2	16.7		397716.64	6906842.48	1161
1124844	26/08/2016	182018	35	N	937.5		24	27.1	16.9	97	57	0.9			27.1	16.9		397724.4	6906852.09	1159
1124844	26/08/2016	182046	35	N	950		24	24.7	17.1	97	46	0.86			24.7	17.1		397730.86	6906863.66	1157
1124844	26/08/2016	182118	35	N	962.5		24	21.1	16.1	97	44	0.85			21.1	16.1		397738.18	6906872.01	1155
1124844	26/08/2016	182146	35	N	975		24	18.2	11.4	96	61	0.91			18.2	11.4		397744.59	6906881.63	1153
1124844	26/08/2016	182230	35	N	987.5		24	14.9	14.6	97	48	0.86	1					397751.82	6906892.53	1151

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	182246	35	N	987.5		24	16.1	14.6	97	53	0.88			16.1	14.6		397751.4	6906892.46	1151
1124844	26/08/2016	182322	35	N	1000		24	12.3	13.4	97	55	0.89			12.3	13.4		397757.11	6906902.22	1149
1124844	26/08/2016	182402	35	N	1012.5		24	10.1	14.3	97	39	0.84			10.1	14.3		397766.98	6906912.54	1147
1124844	26/08/2016	182438	35	N	1025		24	7.1	12.5	97	48	0.86			7.1	12.5		397771.24	6906921.75	1146
1124844	26/08/2016	182514	35	N	1037.5		24	2.5	12.2	97	49	0.87			2.5	12.2		397777.1	6906932.13	1144
1124844	26/08/2016	182614	35	N	1050		24	4.4	9	74	77	0.85			4.4	9		397783.55	6906941.25	1141
1124844	26/08/2016	182658	35	N	1062.5		24	-1.5	7.7	97	55	0.89			-1.5	7.7		397789.67	6906951.97	1138
1124844	26/08/2016	182746	35	N	1075		24	-5.8	9.9	97	55	0.89			-5.8	9.9		397796.61	6906961.25	1136
1124844	26/08/2016	182822	35	N	1087.5		24	-10.6	7.3	97	53	0.88			-10.6	7.3		397803.89	6906971.67	1133
1124844	26/08/2016	182854	35	N	1100		24	-13.1	5.8	97	61	0.91			-13.1	5.8		397810.53	6906981.67	1132
1124844	26/08/2016	182926	35	N	1112.5		24	-16.8	4	97	64	0.93			-16.8	4		397817.79	6906991.95	1131
1124844	26/08/2016	183238	35	N	1125		24	-15.7	4.5	97	72	0.96			-15.7	4.5		397824.83	6907002.17	1129
1124844	26/08/2016	183310	35	N	1137.5		24	-15	4.4	97	74	0.97			-15	4.4		397830.96	6907011.98	1127
1124844	26/08/2016	183334	35	N	1137.5		24	-14.4	5.2	97	72	0.96	1					397831.82	6907012.27	1126
1124844	26/08/2016	183418	35	N	1150		24	-7.7	5.3	97	88	1.04			-7.7	5.3		397839.23	6907020.49	1124
1124844	26/08/2016	183454	35	N	1162.5		24	-0.5	9.9	98	70	0.95			-0.5	9.9		397846.66	6907030.74	1122
1124844	26/08/2016	184218	35	N	1175		24	9.5	9.1	97	69	0.95			9.5	9.1		397857.24	6907043.91	1119
1124844	26/08/2016	184318	35	N	1187.5		24	10.5	10.3	97	82	1.01			10.5	10.3		397862.41	6907053.14	1116
1124844	26/08/2016	184410	35	N	1200		24	8.6	9.6	97	68	0.94			8.6	9.6		397866.5	6907061.99	1115
1124844	26/08/2016	184442	35	N	1212.5		24	5.8	6.4	97	68	0.94			5.8	6.4		397872.57	6907071.69	1112
1124844	26/08/2016	184522	35	N	1225		24	5.3	6	97	69	0.95			5.3	6		397879.92	6907083.3	1109
1124844	26/08/2016	184610	35	N	1237.5		24	5.5	1.8	98	67	0.94			5.5	1.8		397888.84	6907092.07	1108
1124844	26/08/2016	184642	35	N	1250		24	3	0.1	98	64	0.93			3	0.1		397894.04	6907101.8	1106
1124844	26/08/2016	184718	35	N	1262.5		24	0.1	-1.3	97	70	0.95			0.1	-1.3		397900.41	6907113.43	1104
1124844	26/08/2016	184758	35	N	1275		24	-1.9	-4.3	97	71	0.96			-1.9	-4.3		397908.08	6907122.8	1103
1124844	26/08/2016	184858	35	N	1287.5		24	-2.4	-4.7	98	53	0.88	1					397914.07	6907132.71	1101
1124844	26/08/2016	184926	35	N	1287.5		24	-3.4	-6.3	98	63	0.92			-3.4	-6.3		397914.18	6907133.65	1101
1124844	26/08/2016	185022	35	N	1300		24	-1.3	-6.1	98	68	0.95			-1.3	-6.1		397921.03	6907142.63	1102
1124844	26/08/2016	185118	35	N	1312.5		24	2.2	-4.2	96	82	1			2.2	-4.2		397929.66	6907151.44	1100
1124844	26/08/2016	185202	35	N	1325		24	7.1	-2.6	97	61	0.91			7.1	-2.6		397937.87	6907161.01	1100
1124844	26/08/2016	185254	35	N	1337.5		24	9.8	-0.7	98	80	1			9.8	-0.7		397946.09	6907170.68	1100
1124844	26/08/2016	185334	35	N	1350		24	10.1	-0.5	96	75	0.97			10.1	-0.5		397954.34	6907181.94	1101
1124844	26/08/2016	185410	35	N	1362.5		24	6.6	-5.8	79	83	0.91			6.6	-5.8		397955.58	6907191.35	1101
1124844	26/08/2016	185510	35	N	1375		24	0	-6.6	98	64	0.93			0	-6.6		397965.06	6907200.47	1104
1124844	26/08/2016	185554	35	N	1387.5		24	-6	-7.6	98	56	0.89			-6	-7.6		397973.62	6907210.15	1108
1124844	26/08/2016	185630	35	N	1400		24	-9.4	-10.7	98	47	0.86			-9.4	-10.7		397983.59	6907219.41	1107
1124844	26/08/2016	185730	35	N	1412.5		24	-6.8	-10.6	87	82	0.95			-6.8	-10.6		397989.65	6907229.33	1110
1124844	26/08/2016	185818	35	N	1425		24	-10.4	-9.5	93	84	0.99			-10.4	-9.5		397995.94	6907244.41	1115
1124844	26/08/2016	185858	35	N	1437.5		24	-15.2	-10	97	77	0.99			-15.2	-10		398000.51	6907253.28	1115
1124844	26/08/2016	185950	35	N	1450		24	-15.7	-9.4	98	79	1			-15.7	-9.4		398010.24	6907262.8	1115
1124844	26/08/2016	190034	35	N	1462.5		24	-20.2	-13.3	98	48	0.87			-20.2	-13.3		398015.63	6907270.22	1117
1124844	26/08/2016	190110	35	N	1475		24	-21.2	-11.2	98	64	0.93			-21.2	-11.2		398022.8	6907278.83	1116
1124844	26/08/2016	190314	35	N	1487.5		24	-15.5	-6	98	58	0.9			-15.5	-6		398031.42	6907290.78	1121
1124844	26/08/2016	190410	35	N	1500		24	-13.3	-2.4	98	77	0.99			-13.3	-2.4		398038.33	6907300.78	1121
1124844	26/08/2016	190438	35	N	1512.5		24	-11.7	-1.4	98	80	1			-11.7	-1.4		398043.25	6907311.38	1124
1124844	26/08/2016	190514	35	N	1525		24	-14.6	-2.6	98	63	0.92			-14.6	-2.6		398050.34	6907321.06	1119
1124844	26/08/2016	190554	35	N	1537.5		24	-14.9	-4	97	48	0.86			-14.9	-4		398059.25	6907331.52	1122
1124844	26/08/2016	190646	35	N	1550		24	-16.5	-2.9	98	81	1.01			-16.5	-2.9		398064.61	6907343	1122
1124844	26/08/2016	190926	35	N	1562.5		24	-19.9	-7.5	98	68	0.94			-19.9	-7.5		398072.06	6907351.87	1122
1124844	26/08/2016	191010	35	N	1575		24	-19.2	-4.3	99	94	1.08			-19.2	-4.3		398079.9	6907362.13	1121
1124844	26/08/2016	191042	35	N	1587.5		24	-18.5	-5.6	100	100	1.12			-18.5	-5.6		398087.67	6907370.68	1119
1124844	26/08/2016	191130	35	N	1600		24	-7.2	-1.3	100	100	1.12			-7.2	-1.3		398093.65	6907383.26	1118
1124844	26/08/2016	191218	35	N	1612.5		24	-1.3	-1.3	99	97	1.11			-1.3	-1.3		398098.88	6907394.6	1119
1124844	26/08/2016	191254	35	N	1625		24	0.5	-6.4	98	92	1.07			0.5	-6.4	better data fit	398106.95	6907405.07	1119
1124844	26/08/2016	191310	35	N	1625		24	-2.8	-5.9	99	98	1.11	1					398106.88	6907403.17	1118
1124844	26/08/2016	191354	35	N	1637.5		24	15.5	1.8	98	90	1.06			15.5	1.8		398117.34	6907417.66	1120
1124844	26/08/2016	191438	35	N	1650		24	19.6	-1.1	98	71	0.96			19.6	-1.1		398124.73	6907424.23	1118

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	191514	35	N	1662.5		24	17	-2.2	98	54	0.89			17	-2.2		398130.16	6907433.6	1119
1124844	26/08/2016	191546	35	N	1675		24	18.4	-5.8	98	49	0.87			18.4	-5.8		398139.44	6907441.38	1113
1124844	26/08/2016	191622	35	N	1687.5		24	12.7	-9.3	98	69	0.95			12.7	-9.3		398145.81	6907451.92	1112
1124844	26/08/2016	191706	35	N	1700		24	21.5	-0.8	98	84	1.02			21.5	-0.8		398148.84	6907460.5	1111
1124844	26/08/2016	191746	35	N	1712.5		24	16.4	-0.6	98	99	1.11			16.4	-0.6		398157.32	6907471.34	1111
1124844	26/08/2016	191834	35	N	1725		24	18.8	-2.6	98	82	1.01			18.8	-2.6		398165.41	6907481.92	1110
1124844	26/08/2016	191942	35	N	1737.5		24	13.8	-4.7	98	87	1.04			13.8	-4.7		398172.27	6907491.57	1109
1124844	26/08/2016	192014	35	N	1750		24	11.7	-7.5	98	81	1.01			11.7	-7.5		398179.56	6907503.87	1109
1124844	26/08/2016	192050	35	N	1762.5		24	12.4	-4.3	98	73	0.97			12.4	-4.3		398186.85	6907514.97	1108
1124844	26/08/2016	192118	35	N	1775		24	15.2	-1.1	98	78	0.99			15.2	-1.1		398192.62	6907522.74	1104
1124844	26/08/2016	192150	35	N	1787.5		24	15.9	0.8	98	72	0.96			15.9	0.8		398198.88	6907531.57	1103
1124844	26/08/2016	192226	35	N	1800		24	11	-2.2	98	69	0.95			11	-2.2		398205.75	6907543.49	1100
1124844	26/08/2016	192322	35	N	1812.5		24	4.7	-5.6	98	95	1.09			4.7	-5.6		398210.29	6907553.96	1098
1124844	26/08/2016	192358	35	N	1825		24	2.9	-8.9	98	76	0.98			2.9	-8.9		398214.76	6907565.91	1097
1124844	26/08/2016	192438	35	N	1837.5		24	1.5	-4.2	98	92	1.07			1.5	-4.2		398221.18	6907576.48	1094
1124844	26/08/2016	192510	35	N	1850		24	1.3	-6.8	98	65	0.93			1.3	-6.8		398227.51	6907584.06	1090
1124844	26/08/2016	192542	35	N	1862.5		24	-2	-8	98	66	0.94			-2	-8		398232.89	6907596.84	1088
1124844	26/08/2016	192622	35	N	1875		24	-0.5	-6.7	98	79	1			-0.5	-6.7		398242.45	6907605.35	1088
1124844	26/08/2016	192654	35	N	1887.5		24	1.2	-4.2	98	91	1.06			1.2	-4.2		398248.79	6907615.13	1086
1124844	26/08/2016	192730	35	N	1900		24	4.5	-3.3	99	97	1.1			4.5	-3.3		398255.35	6907627.61	1085
1124844	26/08/2016	193046	35	N	1912.5		24	7.1	-2.6	98	80	1			7.1	-2.6		398265.53	6907634.99	1081
1124844	26/08/2016	193130	35	N	1925		24	7.4	-1.9	98	80	1			7.4	-1.9		398271.4	6907643.85	1079
1124844	26/08/2016	193202	35	N	1937.5		24	14.8	1.5	98	75	0.98			14.8	1.5		398278.49	6907653.67	1078
1124844	26/08/2016	193234	35	N	1950		24	17.3	4.5	98	61	0.91			17.3	4.5		398288.01	6907661.1	1076
1124844	26/08/2016	193302	35	N	1962.5		24	17.6	3.4	98	70	0.95			17.6	3.4		398296.42	6907669.9	1074
1124844	26/08/2016	193334	35	N	1975		24	16.8	2.4	97	79	0.99			16.8	2.4		398304	6907680.96	1071
1124844	26/08/2016	193402	35	N	1987.5		24	16.9	2.3	98	88	1.04			16.9	2.3		398311.45	6907689.87	1070
1124844	26/08/2016	193438	35	N	2000		24	22.1	2.8	98	63	0.92			22.1	2.8		398320.05	6907702.68	1066
1124844	26/08/2016	193506	35	N	2012.5		24	17.6	-1.7	98	75	0.98			17.6	-1.7		398326.15	6907711.18	1065
1124844	26/08/2016	193538	35	N	2025		24	26.7	1.3	98	56	0.9			26.7	1.3		398332.75	6907720.36	1064
1124844	26/08/2016	193614	35	N	2037.5		24	22	0.6	98	83	1.02			22	0.6		398339.52	6907731.96	1060
1124844	26/08/2016	193706	35	N	2050		24	20.8	-0.7	98	70	0.95			20.8	-0.7		398345.8	6907740.4	1058
1124844	26/08/2016	193742	35	N	2062.5		24	14	-7.2	98	68	0.94			14	-7.2		398354.72	6907753.22	1054
1124844	26/08/2016	193826	35	N	2075		24	8.8	-9.3	98	88	1.04			8.8	-9.3		398360.84	6907764.44	1052
1124844	26/08/2016	193906	35	N	2087.5		24	11.9	-11.9	98	59	0.91			11.9	-11.9		398367.3	6907771.19	1051
1124844	26/08/2016	193942	35	N	2100		24	9.7	-12.5	98	76	0.98			9.7	-12.5		398374.72	6907779.99	1052
1124844	26/08/2016	194014	35	N	2112.5		24	7.6	-14.7	98	73	0.97			7.6	-14.7		398379.66	6907791.24	1053
1124844	26/08/2016	194050	35	N	2125		24	4.8	-12.7	98	81	1.01			4.8	-12.7		398385.45	6907800.71	1054
1124844	26/08/2016	194126	35	N	2137.5		24	9.7	-10.6	98	55	0.89			9.7	-10.6		398394.88	6907809.64	1053
1124844	26/08/2016	194202	35	N	2150		24	7.7	-9.1	98	69	0.95			7.7	-9.1		398402.92	6907820.01	1052
1124844	26/08/2016	194234	35	N	2162.5		24	10.7	-4.3	98	44	0.85			10.7	-4.3		398408.61	6907829.62	1053
1124844	26/08/2016	194302	35	N	2175		24	8.9	-4.6	98	59	0.91			8.9	-4.6		398416.09	6907841.01	1051
1124844	26/08/2016	194338	35	N	2187.5		24	4.5	-8.1	98	63	0.93			4.5	-8.1		398424.46	6907853.21	1050
1124844	26/08/2016	194418	35	N	2200		24	2	-9.6	98	61	0.92			2	-9.6		398428.5	6907865.68	1048
1124844	26/08/2016	194446	35	N	2212.5		24	4.7	-4.8	98	75	0.98			4.7	-4.8		398436.5	6907872.7	1047
1124844	26/08/2016	194526	35	N	2225		24	6.7	-2.6	98	65	0.93			6.7	-2.6		398442.75	6907882.76	1046
1124844	26/08/2016	194558	35	N	2237.5		24	8.4	-1.3	98	69	0.95			8.4	-1.3		398453.04	6907892.5	1044
1124844	26/08/2016	194626	35	N	2250		24	9.3	0.1	98	70	0.96			9.3	0.1		398457.51	6907901.91	1044
1124844	26/08/2016	194654	35	N	2262.5		24	10.9	1.1	98	76	0.98			10.9	1.1		398464.84	6907912.03	1042
1124844	26/08/2016	194722	35	N	2275		24	12.5	2.8	98	57	0.9			12.5	2.8		398472.28	6907920.57	1040
1124844	26/08/2016	194754	35	N	2287.5		24	11.3	2.4	98	66	0.94			11.3	2.4		398479.31	6907931.22	1038
1124844	26/08/2016	194826	35	N	2300		24	7.5	-2.4	98	43	0.85			7.5	-2.4		398487.17	6907941.98	1038
1124844	26/08/2016	194858	35	N	2312.5		24	8.1	1.4	99	94	1.09			8.1	1.4		398490.79	6907953.7	1037
1124844	26/08/2016	194934	35	N	2325		24	13.1	4	98	85	1.03			13.1	4		398497.98	6907963.04	1032
1124844	26/08/2016	195026	35	N	2337.5		24	15.6	3.8	98	78	0.99			15.6	3.8		398506.59	6907972.53	1029
1124844	26/08/2016	195058	35	N	2350		24	20.9	7.8	98	65	0.93	1					398514.35	6907981.67	1028
1124844	26/08/2016	195118	35	N	2350		24	20.3	6	98	62	0.92			20.3	6		398515.13	6907981.8	1028

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	195158	35	N	2362.5		24	21.5	8	98	67	0.94			21.5	8		398521.33	6907991.59	1024
1124844	26/08/2016	195238	35	N	2375		24	24.4	9.9	98	58	0.9			24.4	9.9		398525.96	6908001.82	1019
1124844	26/08/2016	195258	35	N	2375		24	25.3	11.4	98	52	0.88	2					398525.81	6908002.36	1019
1124844	26/08/2016	195314	35	N	2375		24	26.7	11	98	37	0.83	1					398525.77	6908002.38	1019
1124844	26/08/2016	195330	35	N	2375		24	26.8	11	98	36	0.83	1					398525.74	6908002.39	1019
8042728	26/08/2016	234846	37	N	0		24	9.6	-10.4	57	45	1.16	1					397360.47	6905972.93	1187
8042728	26/08/2016	234902	37	N	0		24	10.3	-10.9	56	42	1.12	1					397360.24	6905973.11	1187
8042728	26/08/2016	235006	37	N	0		24	8.4	-11.7	62	40	1.18			8.4	-11.7		397358.58	6905976.44	1181
8042728	26/08/2016	234754	37	N	12.5		24	12	-7	52	47	1.12	1					397365.63	6905988.13	1183
8042728	26/08/2016	234810	37	N	12.5		24	11.7	-7.6	55	46	1.15			11.7	-7.6		397365.41	6905988.07	1183
8042728	26/08/2016	234722	37	N	25		24	11.6	-6.7	52	48	1.14			11.6	-6.7		397368.95	6905997.96	1186
8042728	26/08/2016	234654	37	N	37.5		24	11.6	-5.8	58	46	1.18			11.6	-5.8		397373.32	6906008.21	1186
8042728	26/08/2016	234610	37	N	50		24	8.7	-5.5	63	39	1.19			8.7	-5.5		397380.48	6906020.81	1186
8042728	26/08/2016	234542	37	N	62.5		24	9	-5.2	58	39	1.12			9	-5.2		397386.6	6906028.57	1189
8042728	26/08/2016	234450	37	N	75		24	5.3	-7.9	65	32	1.16			5.3	-7.9		397396.24	6906039.12	1192
8042728	26/08/2016	234418	37	N	87.5		24	3	-9.3	60	37	1.13			3	-9.3		397405.55	6906049.34	1194
8042728	26/08/2016	234346	37	N	100		24	3	-7.1	60	39	1.15			3	-7.1		397413.09	6906059.96	1194
8042728	26/08/2016	234310	37	N	112.5		24	-0.8	-10.4	64	35	1.16			-0.8	-10.4		397418.94	6906069.92	1196
8042728	26/08/2016	234242	37	N	125		24	-3.9	-11.9	52	44	1.09			-3.9	-11.9		397424.6	6906079.87	1197
8042728	26/08/2016	234158	37	N	137.5		24	-5.4	-13.6	60	40	1.16			-5.4	-13.6		397430.91	6906085.47	1199
8042728	26/08/2016	234122	37	N	150		24	-2.5	-7.7	65	42	1.22			-2.5	-7.7		397440.41	6906099.82	1202
8042728	26/08/2016	234042	37	N	162.5		24	-0.9	-8.7	64	43	1.23			-0.9	-8.7		397447.35	6906108.19	1203
8042728	26/08/2016	234002	37	N	175		24	-0.8	-7	69	36	1.24			-0.8	-7		397454.63	6906120.23	1206
8042728	26/08/2016	233930	37	N	187.5		24	0.2	-5.3	68	38	1.25			0.2	-5.3		397461.04	6906129.07	1209
8042728	26/08/2016	233902	37	N	200		24	2.3	-4.4	64	41	1.22			2.3	-4.4		397467.7	6906138.14	1212
8042728	26/08/2016	233830	37	N	212.5		24	-1.1	-6.2	63	42	1.22			-1.1	-6.2		397475.04	6906147.29	1216
8042728	26/08/2016	233754	37	N	225		24	-1.7	-5.4	67	40	1.24			-1.7	-5.4		397482.01	6906159.06	1219
8042728	26/08/2016	233722	37	N	237.5		24	-2.9	-4.9	55	49	1.18			-2.9	-4.9		397489.45	6906167.29	1221
8042728	26/08/2016	233650	37	N	250		24	-4.1	-6.9	71	36	1.27			-4.1	-6.9		397495.38	6906176.66	1223
8042728	26/08/2016	233614	37	N	262.5		24	-7.2	-6.8	74	35	1.31			-7.2	-6.8		397501.73	6906189.51	1224
8042728	26/08/2016	233546	37	N	275		24	-9.2	-7.6	72	38	1.3			-9.2	-7.6		397510.85	6906196.42	1226
8042728	26/08/2016	233502	37	N	287.5		24	-10.7	-9.2	67	46	1.29			-10.7	-9.2		397517.82	6906204.63	1229
8042728	26/08/2016	233434	37	N	300		24	-13.1	-8.7	66	51	1.32			-13.1	-8.7		397524.92	6906215.65	1230
8042728	26/08/2016	233358	37	N	312.5		24	-8.2	-4	67	53	1.36			-8.2	-4		397532.94	6906227.39	1230
8042728	26/08/2016	233302	37	N	325		24	-6.1	-2.2	79	47	1.47			-6.1	-2.2		397539.13	6906235.65	1231
8042728	26/08/2016	233322	37	N	325		24	-4.9	-2.7	68	55	1.39	1					397538.88	6906235.67	1231
8042728	26/08/2016	233226	37	N	337.5		24	-1.9	-0.8	73	52	1.43			-1.9	-0.8		397546.6	6906245.58	1231
8042728	26/08/2016	233134	37	N	350		24	-0.9	1.7	78	52	1.5			-0.9	1.7		397553.95	6906255.82	1231
8042728	26/08/2016	233058	37	N	362.5		24	1.2	1.7	69	56	1.43			1.2	1.7		397561.92	6906266.32	1231
8042728	26/08/2016	233018	37	N	375		24	0.8	-0.2	67	64	1.47			0.8	-0.2		397571.45	6906278.78	1231
8042728	26/08/2016	232938	37	N	387.5		24	6.1	1.1	68	57	1.41			6.1	1.1		397576.8	6906287.73	1231
8042728	26/08/2016	232846	37	N	400		24	10.3	1.5	61	62	1.38			10.3	1.5		397582.99	6906299.45	1232
8042728	26/08/2016	232810	37	N	412.5		24	10.2	0	64	61	1.42			10.2	0		397589.25	6906309.17	1232
8042728	26/08/2016	232734	37	N	425		24	11.6	-0.8	63	60	1.38			11.6	-0.8		397596.68	6906320.7	1231
8042728	26/08/2016	232658	37	N	437.5		24	17.3	-0.6	60	63	1.38			17.3	-0.6		397603.74	6906331.51	1231
8042728	26/08/2016	232618	37	N	450		24	22.7	1.4	57	65	1.38			22.7	1.4		397609.26	6906340.77	1230
8042728	26/08/2016	232550	37	N	462.5		24	26	3.2	61	61	1.37			26	3.2		397615.49	6906347.67	1230
8042728	26/08/2016	232450	37	N	475		24	31	3.7	70	44	1.32			31	3.7		397621.8	6906358.97	1230
8042728	26/08/2016	232406	37	N	487.5		24	31.8	2.3	61	49	1.24			31.8	2.3		397630.54	6906372.04	1229
8042728	26/08/2016	232330	37	N	500		24	32	0.1	63	47	1.25			32	0.1		397638.12	6906382.98	1229
8042728	26/08/2016	232254	37	N	512.5		24	28.7	-0.4	61	48	1.24			28.7	-0.4		397644.56	6906392.8	1228
8042728	26/08/2016	232110	37	N	525		24	29.2	-0.8	60	49	1.23			29.2	-0.8		397651.87	6906404.76	1227
8042728	26/08/2016	232034	37	N	537.5		24	27.8	-1.4	58	49	1.22			27.8	-1.4		397658.98	6906414.87	1227
8042728	26/08/2016	231950	37	N	550		24	28.5	-0.9	53	54	1.2			28.5	-0.9		397665.39	6906423.75	1226
8042728	26/08/2016	231914	37	N	562.5		24	24.9	-1.3	68	40	1.26			24.9	-1.3		397671.26	6906434.3	1226
8042728	26/08/2016	231834	37	N	575		24	25.4	-3	53	52	1.18			25.4	-3		397676.84	6906444.16	1224
8042728	26/08/2016	231758	37	N	587.5		24	21.9	-3.3	57	49	1.2			21.9	-3.3		397681.16	6906453.98	1224

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	231718	37	N	600		24	19.9	-6.9	53	55	1.22			19.9	-6.9		397687.81	6906465.49	1223
8042728	26/08/2016	231626	37	N	612.5		24	18.7	-5.1	59	54	1.28			18.7	-5.1		397693.05	6906476.98	1221
8042728	26/08/2016	231542	37	N	625		24	27.3	2.6	66	48	1.3			27.3	2.6		397702.13	6906486.47	1219
8042728	26/08/2016	231454	37	N	637.5		24	30.5	2.8	66	45	1.28			30.5	2.8		397710.08	6906496.34	1218
8042728	26/08/2016	231354	37	N	650		24	29.1	4.1	65	43	1.24			29.1	4.1		397720.09	6906508.05	1218
8042728	26/08/2016	231318	37	N	662.5		24	28	-0.1	68	37	1.23			28	-0.1		397723.94	6906515.77	1217
8042728	26/08/2016	231234	37	N	675		24	24.6	-0.5	67	40	1.24			24.6	-0.5		397734.41	6906526.41	1216
8042728	26/08/2016	231146	37	N	687.5		24	24.2	-1.8	66	39	1.23			24.2	-1.8		397742.94	6906537.51	1216
8042728	26/08/2016	231110	37	N	700		24	22	-3.4	69	41	1.28			22	-3.4		397749.06	6906545.45	1215
8042728	26/08/2016	231022	37	N	712.5		24	19.3	-4.3	70	42	1.3			19.3	-4.3		397757.44	6906555.84	1214
8042728	26/08/2016	230934	37	N	725		24	22.7	-1.1	65	44	1.26			22.7	-1.1		397764.03	6906563.89	1212
8042728	26/08/2016	230918	37	N	737.5		24	22.5	-2.5	69	40	1.27			22.5	-2.5		397764.09	6906563.85	1212
8042728	26/08/2016	230838	37	N	750		24	21.3	-2.6	71	39	1.3			21.3	-2.6		397772.34	6906573.87	1211
8042728	26/08/2016	230750	37	N	762.5		24	21.5	-1	72	36	1.29			21.5	-1		397780.94	6906585.07	1210
8042728	26/08/2016	230702	37	N	775		24	19.6	-3.6	70	39	1.27			19.6	-3.6		397787.95	6906595.31	1209
8042728	26/08/2016	230614	37	N	787.5		24	18.1	-2.8	72	36	1.28			18.1	-2.8		397795.13	6906604.26	1208
8042728	26/08/2016	230530	37	N	800		24	21	-0.5	61	47	1.23			21	-0.5		397802.76	6906615.7	1206
8042728	26/08/2016	230458	37	N	812.5		24	23.1	0.6	62	45	1.22			23.1	0.6		397806.94	6906624.41	1206
8042728	26/08/2016	230346	37	N	825		24	22.2	-2.7	59	48	1.21			22.2	-2.7		397814.47	6906638.28	1204
8042728	26/08/2016	230246	37	N	837.5		24	24.6	-1.2	57	49	1.2			24.6	-1.2		397820.42	6906648.61	1203
8042728	26/08/2016	230130	37	N	850		24	24.3	0	64	40	1.21			24.3	0		397825.89	6906657.28	1201
8042728	26/08/2016	230038	37	N	862.5		24	23.3	0.2	65	40	1.21			23.3	0.2		397833.12	6906666.54	1200
8042728	26/08/2016	225958	37	N	875		24	23.2	-1.6	60	43	1.19			23.2	-1.6		397840.19	6906675.91	1199
8042728	26/08/2016	225858	37	N	887.5		24	20	-3.7	56	48	1.18			20	-3.7		397848.46	6906687.45	1197
8042728	26/08/2016	225810	37	N	900		24	23.7	3.1	63	42	1.21			23.7	3.1		397855.24	6906697.7	1196
8042728	26/08/2016	225726	37	N	912.5		24	25.4	2.5	71	36	1.26			25.4	2.5		397861.18	6906706.28	1194
8042728	26/08/2016	225630	37	N	925		24	21.9	0.8	63	39	1.18			21.9	0.8		397868.95	6906718.74	1191
8042728	26/08/2016	225550	37	N	937.5		24	20.3	0.7	68	34	1.22			20.3	0.7		397873.8	6906729.42	1189
8042728	26/08/2016	225510	37	N	950		24	20.8	-0.1	63	35	1.16			20.8	-0.1		397882.37	6906739.4	1187
8042728	26/08/2016	225430	37	N	962.5		24	18.7	-0.2	66	33	1.18			18.7	-0.2		397889.62	6906749.18	1185
8042728	26/08/2016	225354	37	N	975		24	21.1	3.6	70	33	1.23			21.1	3.6		397896.43	6906760.54	1183
8042728	26/08/2016	225254	37	N	987.5		24	28.9	13.3	57	43	1.14			28.9	13.3		397901.36	6906771.78	1180
8042728	26/08/2016	225210	37	N	1000		24	30.5	18.2	66	30	1.15			30.5	18.2		397905.98	6906782.3	1177
8042728	26/08/2016	224954	37	N	1012.5		24	22.1	13.4	68	29	1.19			22.1	13.4		397914.97	6906792.84	1175
8042728	26/08/2016	224910	37	N	1025		24	17.1	9.8	70	25	1.18			17.1	9.8		397921.64	6906801.62	1173
8042728	26/08/2016	224826	37	N	1037.5		24	15.8	8.7	64	33	1.15			15.8	8.7		397929.12	6906811.38	1170
8042728	26/08/2016	224738	37	N	1050		24	12.9	8.1	65	29	1.14			12.9	8.1		397935.91	6906821.09	1167
8042728	26/08/2016	224634	37	N	1062.5		24	10.7	6.9	63	34	1.14			10.7	6.9		397943.2	6906831.81	1164
8042728	26/08/2016	224538	37	N	1075		24	5.3	6.2	70	24	1.18			5.3	6.2		397951.35	6906840.75	1160
8042728	26/08/2016	224458	37	N	1087.5		24	6.9	4.7	72	22	1.2			6.9	4.7		397957.74	6906849.44	1157
8042728	26/08/2016	224418	37	N	1100		24	4.5	5.1	68	26	1.17			4.5	5.1		397965.91	6906860.18	1154
8042728	26/08/2016	224338	37	N	1112.5		24	3.7	3.9	68	34	1.22			3.7	3.9		397972.24	6906868.35	1151
8042728	26/08/2016	224254	37	N	1125		24	4.1	3	69	34	1.23			4.1	3		397979.91	6906878.22	1147
8042728	26/08/2016	224158	37	N	1137.5		24	4.3	3.7	72	32	1.26			4.3	3.7		397988.06	6906888.29	1144
8042728	26/08/2016	224118	37	N	1150		24	6	4.9	77	34	1.34			6	4.9		397994.81	6906897.65	1141
8042728	26/08/2016	224030	37	N	1162.5		24	4	5.3	70	35	1.25			4	5.3		398003.34	6906906.97	1139
8042728	26/08/2016	223950	37	N	1175		24	7.4	4.2	70	43	1.3			7.4	4.2		398008.42	6906918.09	1135
8042728	26/08/2016	223754	37	N	1187.5		24	13	3.9	46	55	1.14			13	3.9		398012.92	6906928.9	1131
8042728	26/08/2016	223714	37	N	1200		24	17.8	7.1	48	53	1.14			17.8	7.1		398015.81	6906938.8	1128
8042728	26/08/2016	221546	37	N	1212.5		24	21.1	8.9	70	33	1.23	2					398021.85	6906950.44	1129
8042728	26/08/2016	221634	37	N	1212.5		24	24.2	9.7	70	42	1.3			24.2	9.7		398021.43	6906949.61	1127
8042728	26/08/2016	221822	37	N	1212.5		24	23.6	9.5	63	41	1.2	2					398021.08	6906949.15	1123
8042728	26/08/2016	221958	37	N	1212.5		24	23.3	9.8	66	39	1.22	2					398021.62	6906949.5	1126
8042728	26/08/2016	222046	37	N	1212.5		24	22.1	8	72	31	1.25	2					398022.04	6906949.35	1125
8042728	26/08/2016	222234	37	N	1212.5		24	22.2	10.9	71	38	1.28	1					398021.53	6906949.05	1123
8042728	26/08/2016	222418	37	N	1212.5		24	21.4	8.2	67	37	1.22	2					398021.1	6906949.11	1126
8042728	26/08/2016	222554	37	N	1212.5		24	22.6	8	62	41	1.19	2					398021.01	6906948.42	1124

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	223558	37	N	1212.5		24	20.6	5.6	59	49	1.22	2					398021.05	6906949.08	1125
8042728	26/08/2016	221438	37	N	1225		24	30.1	9.7	69	34	1.23			30.1	9.7		398030.06	6906961.87	1127
8042728	26/08/2016	221338	37	N	1237.5		24	27.8	9.1	63	30	1.11			27.8	9.1		398038.77	6906974.39	1127
8042728	26/08/2016	221250	37	N	1250		24	26.5	8.5	72	21	1.2			26.5	8.5		398044.25	6906980.89	1126
8042728	26/08/2016	221154	37	N	1262.5		24	24.4	9.4	61	28	1.07			24.4	9.4		398049.94	6906987.58	1121
8042728	26/08/2016	221042	37	N	1275		24	20.5	7	68	16	1.11			20.5	7		398058.69	6906998.68	1117
8042728	26/08/2016	220954	37	N	1287.5		24	18.5	5.6	66	22	1.11			18.5	5.6		398065.16	6907005.6	1101
8042728	26/08/2016	220846	37	N	1300		24	15.7	5.2	66	20	1.11			15.7	5.2		398076.65	6907011.96	1106
8042728	26/08/2016	220754	37	N	1312.5		24	13.7	4.1	127	39	1.05			13.7	4.1		398082.89	6907020.95	1104
8042728	26/08/2016	220710	37	N	1325		24	11.4	3.7	47	37	0.96			11.4	3.7		398090.53	6907031.75	1101
8042728	26/08/2016	220630	37	N	1337.5		24	8.8	5.8	55	32	1.01			8.8	5.8		398096.08	6907040.59	1099
8042728	26/08/2016	220538	37	N	1350		24	10.5	2.5	59	26	1.03			10.5	2.5		398100.91	6907050.98	1097
8042728	26/08/2016	220438	37	N	1362.5		24	9.6	0.6	56	30	1.01			9.6	0.6		398104.81	6907061.77	1094
8042728	26/08/2016	220358	37	N	1375		24	5.2	3.5	58	31	1.05			5.2	3.5		398112.11	6907070.64	1092
8042728	26/08/2016	220318	37	N	1387.5		24	6.2	0.5	50	36	0.99			6.2	0.5		398119.74	6907080.13	1090
8042728	26/08/2016	220218	37	N	1400		24	2.3	0.4	58	31	1.05			2.3	0.4		398127.68	6907091.41	1088
8042728	26/08/2016	220142	37	N	1412.5		24	-0.5	0.7	57	29	1.03			-0.5	0.7		398135.45	6907101.64	1087
8042728	26/08/2016	220102	37	N	1425		24	-0.7	0.5	55	30	1			-0.7	0.5		398142.27	6907111.52	1083
8042728	26/08/2016	220010	37	N	1437.5		24	-2.2	-0.6	55	31	1.01			-2.2	-0.6		398147.94	6907122.52	1083
8042728	26/08/2016	215914	37	N	1450		24	-5.5	-1.4	53	32	0.99			-5.5	-1.4		398155.25	6907134.49	1084
8042728	26/08/2016	215834	37	N	1462.5		24	-11.1	-3.4	55	29	1			-11.1	-3.4		398161.25	6907142.78	1080
8042728	26/08/2016	215746	37	N	1475		24	-14.7	-5.8	54	33	1.01			-14.7	-5.8		398168.42	6907152.85	1079
8042728	26/08/2016	215654	37	N	1487.5		24	-18.2	-8.1	63	31	1.12			-18.2	-8.1		398176.1	6907163.1	1076
8042728	26/08/2016	215610	37	N	1500		24	-19.8	-5.8	56	36	1.07			-19.8	-5.8		398183.39	6907173.84	1078
8042728	26/08/2016	215514	37	N	1512.5		24	-17.7	-6	61	32	1.1			-17.7	-6		398187.79	6907179.97	1079
8042728	26/08/2016	215434	37	N	1525		24	-17.7	-4.4	55	41	1.09			-17.7	-4.4		398195.06	6907191.66	1079
8042728	26/08/2016	215358	37	N	1537.5		24	-22.7	-8.1	60	38	1.13			-22.7	-8.1		398203.5	6907201.37	1081
8042728	26/08/2016	215318	37	N	1550		24	-25.1	-9.9	60	36	1.12	1					398209.85	6907211.17	1082
8042728	26/08/2016	215334	37	N	1550		24	-24.6	-9.8	63	39	1.17			-24.6	-9.8		398210	6907210.44	1082
8042728	26/08/2016	215222	37	N	1562.5		24	-23.2	-10.1	67	38	1.23			-23.2	-10.1		398217.23	6907224.34	1081
8042728	26/08/2016	215134	37	N	1575		24	-15.4	-6.8	62	47	1.25			-15.4	-6.8		398224.3	6907233.34	1081
8042728	26/08/2016	215058	37	N	1587.5		24	-2	-0.5	68	45	1.31			-2	-0.5		398234.79	6907242.41	1084
8042728	26/08/2016	215022	37	N	1600		24	3	0.2	65	42	1.24			3	0.2		398241.96	6907250.05	1083
8042728	26/08/2016	214841	37	N	1612.5		24	-3.7	-1.6	72	32	1.26			-3.7	-1.6		398248.21	6907261.3	1087
8042728	26/08/2016	214857	37	N	1612.5		24	-2.3	-2.1	72	33	1.26	1					398248.55	6907261.18	1087
8042728	26/08/2016	214922	37	N	1612.5		24	-2.9	-1.4	70	30	1.22	2					398248.8	6907260.88	1084
8042728	26/08/2016	214938	37	N	1612.5		24	-3	-1.8	72	30	1.25	1					398248.86	6907260.33	1083
8042728	26/08/2016	214514	37	N	1625		24	-7.8	-4.4	63	38	1.17			-7.8	-4.4		398253.76	6907270.06	1084
8042728	26/08/2016	214546	37	N	1625		24	-7.7	-3.1	62	39	1.17	1					398257.12	6907268.69	1080
8042728	26/08/2016	214422	37	N	1637.5		24	-15.1	-7.6	65	38	1.21			-15.1	-7.6		398260.78	6907283.11	1084
8042728	26/08/2016	214342	37	N	1650		24	-16.6	-8.9	63	43	1.22			-16.6	-8.9		398265.64	6907293.14	1085
8042728	26/08/2016	214246	37	N	1662.5		24	-17.4	-9	69	42	1.29	1					398275.28	6907302.83	1086
8042728	26/08/2016	214302	37	N	1662.5		24	-16.4	-8.3	77	39	1.38			-16.4	-8.3		398274.57	6907303.04	1084
8042728	26/08/2016	214206	37	N	1675		24	-14.7	-7.1	65	50	1.31			-14.7	-7.1		398283.04	6907311.37	1088
8042728	26/08/2016	214122	37	N	1687.5		24	-6.6	-4.6	61	52	1.28			-6.6	-4.6		398287.78	6907323.41	1084
8042728	26/08/2016	214026	37	N	1700		24	-2.3	-4.1	68	52	1.36			-2.3	-4.1		398294.2	6907329.22	1082
8042728	26/08/2016	213938	37	N	1712.5		24	-2.7	-6.2	65	53	1.34			-2.7	-6.2		398301.39	6907340.93	1080
8042728	26/08/2016	213850	37	N	1725		24	-3.4	-8	75	42	1.37			-3.4	-8		398308.22	6907351.94	1082
8042728	26/08/2016	213802	37	N	1737.5		24	2	-4.9	75	41	1.37			2	-4.9		398316.36	6907362.31	1079
8042728	26/08/2016	213718	37	N	1750		24	-3.1	-6.1	64	51	1.31			-3.1	-6.1		398322.49	6907372.3	1082
8042728	26/08/2016	213630	37	N	1762.5		24	1.9	-4	71	47	1.35			1.9	-4		398330.43	6907383.03	1083
8042728	26/08/2016	213546	37	N	1775		24	-0.2	-6.8	68	46	1.3			-0.2	-6.8		398334.78	6907388.52	1082
8042728	26/08/2016	213454	37	N	1787.5		24	-2.7	-7.2	59	52	1.26			-2.7	-7.2		398341.58	6907401.85	1079
8042728	26/08/2016	213338	37	N	1800		24	-4.3	-7.4	41	65	1.22	1					398348.41	6907410.99	1077
8042728	26/08/2016	213402	37	N	1800		24	-4	-7.6	63	53	1.31			-4	-7.6		398349.4	6907411.53	1077
8042728	26/08/2016	213246	37	N	1812.5		24	0.1	-5.5	69	50	1.36			0.1	-5.5		398356.91	6907423.24	1076
8042728	26/08/2016	213150	37	N	1825		24	4.3	-3.5	69	54	1.4			4.3	-3.5		398363.71	6907433.54	1076

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	213206	37	N	1825		24	5.2	-2.5	69	49	1.35	1					398363.54	6907433.46	1076
8042728	26/08/2016	213034	37	N	1837.5		24	6.4	-2.5	61	53	1.29			6.4	-2.5		398371.54	6907444.64	1073
8042728	26/08/2016	212930	37	N	1850		24	4.9	-2.9	69	44	1.31			4.9	-2.9		398377.62	6907453.53	1072
8042728	26/08/2016	212842	37	N	1862.5		24	5.2	-2.7	64	47	1.27			5.2	-2.7		398384.9	6907460.81	1073
8042728	26/08/2016	212754	37	N	1875		24	3.7	-2.8	80	34	1.39			3.7	-2.8		398395.26	6907469.31	1073
8042728	26/08/2016	212710	37	N	1887.5		24	3.2	-3.6	75	40	1.35			3.2	-3.6		398401.56	6907479.55	1069
8042728	26/08/2016	212550	37	N	1900		24	4.3	-4.2	62	52	1.29			4.3	-4.2		398411.03	6907491.82	1068
8042728	26/08/2016	212610	37	N	1900		24	5.1	-2.9	70	40	1.29	1					398410.99	6907491.51	1067
8042728	26/08/2016	212626	37	N	1900		24	4.5	-4.1	70	41	1.29	2					398410.93	6907491.11	1067
8042728	26/08/2016	212514	37	N	1912.5		24	2.8	-5.3	62	48	1.26			2.8	-5.3		398412.57	6907501.94	1067
8042728	26/08/2016	212334	37	N	1925		24	4.6	-2	59	53	1.27			4.6	-2		398418.32	6907512.35	1068
8042728	26/08/2016	212242	37	N	1937.5		24	2.8	-1.3	61	49	1.26			2.8	-1.3		398422.21	6907522.43	1067
8042728	26/08/2016	212130	37	N	1950		24	2.5	-2	74	42	1.35			2.5	-2		398430.64	6907533.93	1066
8042728	26/08/2016	212042	37	N	1962.5		24	1	-1.5	54	57	1.25			1	-1.5		398438.55	6907544.69	1064
8042728	26/08/2016	212002	37	N	1975		24	0.3	-2.3	65	47	1.29			0.3	-2.3		398442.55	6907553.68	1063
8042728	26/08/2016	211910	37	N	1987.5		24	2.1	-2.3	70	51	1.38			2.1	-2.3		398452.82	6907564.38	1061
8042728	26/08/2016	211822	37	N	2000		24	3.5	-0.7	79	44	1.45			3.5	-0.7		398459.11	6907573.22	1059
8042728	26/08/2016	211734	37	N	2012.5		24	8.4	0.5	81	44	1.47			8.4	0.5		398466.93	6907583.89	1058
8042728	26/08/2016	211646	37	N	2025		24	9.8	0.8	73	48	1.39			9.8	0.8		398476.12	6907593.91	1057
8042728	26/08/2016	211550	37	N	2037.5		24	9.2	1	87	23	1.44			9.2	1		398483.44	6907603.43	1055
8042728	26/08/2016	211458	37	N	2050		24	13.3	4.6	77	50	1.47			13.3	4.6		398490.44	6907615.23	1054
8042728	26/08/2016	211410	37	N	2062.5		24	14.9	3.3	78	40	1.39			14.9	3.3		398495.97	6907625	1051
8042728	26/08/2016	211310	37	N	2075		24	14.3	4.3	68	50	1.34			14.3	4.3		398502.37	6907632.3	1050
8042728	26/08/2016	211218	37	N	2087.5		24	15.7	3.5	67	49	1.33			15.7	3.5		398508.33	6907644.58	1049
8042728	26/08/2016	211126	37	N	2100		24	15.8	2.4	49	58	1.2			15.8	2.4		398515.22	6907652.64	1047
8042728	26/08/2016	211038	37	N	2112.5		24	16.4	4.3	72	39	1.32			16.4	4.3		398523.65	6907663.95	1045
8042728	26/08/2016	210946	37	N	2125		24	17.3	6	66	48	1.3			17.3	6		398528.5	6907674.99	1042
8042728	26/08/2016	210854	37	N	2137.5		24	13.4	3.8	67	37	1.22			13.4	3.8		398536.69	6907685.43	1040
8042728	26/08/2016	210746	37	N	2150		24	14.1	3.5	60	44	1.19			14.1	3.5		398543.55	6907694.45	1039
8042728	26/08/2016	210650	37	N	2162.5		24	12.9	4.3	48	51	1.12			12.9	4.3		398549.44	6907705.05	1033
8042728	26/08/2016	210606	37	N	2175		24	12.4	3.8	72	32	1.26			12.4	3.8		398553.35	6907716.35	1032
8042728	26/08/2016	210454	37	N	2187.5		24	11.3	5.2	63	37	1.16	1					398560.56	6907725.05	1031
8042728	26/08/2016	210510	37	N	2187.5		24	11.2	4.1	70	34	1.24			11.2	4.1		398560.87	6907725.51	1031
8042728	26/08/2016	210350	37	N	2200		24	7.1	1.5	64	37	1.18			7.1	1.5		398569.5	6907734.3	1027
8042728	26/08/2016	210314	37	N	2212.5		24	4.8	0.1	64	37	1.18			4.8	0.1		398574.08	6907740.01	1026
8042728	26/08/2016	210226	37	N	2225		24	3.3	1	62	42	1.21			3.3	1		398582.66	6907752.39	1024
8042728	26/08/2016	210142	37	N	2237.5		24	7.3	4.6	62	38	1.16			7.3	4.6		398592.9	6907763.91	1021
8042728	26/08/2016	210050	37	N	2250		24	8.7	5.9	59	43	1.16			8.7	5.9		398600.48	6907773.67	1020
8042728	26/08/2016	210006	37	N	2262.5		24	7	6.4	54	48	1.15			7	6.4		398607.01	6907784.04	1018
8042728	26/08/2016	205910	37	N	2275		24	6.8	4.8	61	39	1.16			6.8	4.8		398615.75	6907794.36	1017
8042728	26/08/2016	205806	37	N	2287.5		24	5.2	3	62	39	1.17			5.2	3		398623.97	6907806.6	1018
8042728	26/08/2016	205714	37	N	2300		24	5.4	3.4	53	42	1.09			5.4	3.4		398629.1	6907812.6	1014
8042728	26/08/2016	205638	37	N	2312.5		24	4.6	3.2	60	43	1.17			4.6	3.2		398636.18	6907820.54	1013
8042728	26/08/2016	205454	37	N	2325		24	2.7	3.5	69	34	1.23			2.7	3.5		398643.26	6907832.99	1010
8042728	26/08/2016	205330	37	N	2337.5		24	2.6	3.2	66	35	1.2	1					398651.38	6907841.7	1010
8042728	26/08/2016	205350	37	N	2337.5		24	3.3	4.5	66	36	1.19			3.3	4.5		398650.68	6907841.79	1009
8042728	26/08/2016	205246	37	N	2350.00		24	3.8	3.2	64	38	1.19			3.8	3.2		398656.81	6907849.68	1009
8042728	26/08/2016	205134	37	N	2362.50		24	4.4	1.6	66	37	1.21			4.4	1.6		398664.72	6907858.24	1007
8042728	26/08/2016	205042	37	N	2375.00		24	5.2	1.7	60	41	1.17			5.2	1.7		398672.14	6907869.48	1006
8042728	26/08/2016	204942	37	N	2387.50		24	6	1.9	66	39	1.21			6	1.9		398682.39	6907884.02	1003
8042728	26/08/2016	204754	37	N	2400.00		24	6.5	2.6	65	39	1.2			6.5	2.6		398688.91	6907893.79	1001
8042728	26/08/2016	204830	37	N	2400.00		24	6.7	3.8	62	40	1.17	1					398688.81	6907894.24	1000
8042728	26/08/2016	204846	37	N	2400.00		24	6.3	3.8	62	41	1.18	1					398688.59	6907893.9	1000
1124844	26/08/2016	234614	39	N	0		24	11.6	1.5	98	65	0.93	1					397521.82	6905872.92	1194
1124844	26/08/2016	234630	39	N	0		24	11.5	0.9	98	67	0.94			11.5	0.9		397522.05	6905872.84	1195
1124844	26/08/2016	234530	39	N	12.5		24	8.6	-1.4	98	57	0.9			8.6	-1.4		397531.18	6905883.68	1195
1124844	26/08/2016	234458	39	N	25		24	9.8	-0.2	98	77	0.99			9.8	-0.2		397538.11	6905893.65	1199

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	234410	39	N	37.5		24	6.1	-5.6	98	49	0.87			6.1	-5.6		397545.7	6905904.48	1201
1124844	26/08/2016	234334	39	N	50		24	4.8	-2.1	95	84	1.01			4.8	-2.1		397550.9	6905913.59	1203
1124844	26/08/2016	234254	39	N	62.5		24	1.9	-5.8	98	68	0.95			1.9	-5.8		397555.55	6905924.9	1204
1124844	26/08/2016	234222	39	N	75		24	0.2	-6.8	98	62	0.92			0.2	-6.8		397562.94	6905932.35	1206
1124844	26/08/2016	234150	39	N	87.5		24	-0.2	-4.5	88	89	1			-0.2	-4.5		397573.03	6905940.72	1210
1124844	26/08/2016	234118	39	N	100		24	-1.9	-5.7	98	68	0.95			-1.9	-5.7		397578.72	6905949.95	1211
1124844	26/08/2016	234050	39	N	112.5		24	-1.3	-4.5	98	74	0.98			-1.3	-4.5		397585.66	6905958.32	1213
1124844	26/08/2016	234014	39	N	125		24	-1.7	-5.3	98	75	0.98			-1.7	-5.3		397592.18	6905967.93	1215
1124844	26/08/2016	233930	39	N	137.5		24	0.3	-2.4	98	88	1.05			0.3	-2.4		397599.48	6905980.25	1218
1124844	26/08/2016	233854	39	N	150		24	-0.7	0	98	74	0.98			-0.7	0		397605.76	6905989.93	1220
1124844	26/08/2016	233814	39	N	162.5		24	-0.2	-0.3	98	74	0.98			-0.2	-0.3		397616.26	6906001.16	1222
1124844	26/08/2016	233738	39	N	175		24	-2.6	-1.6	96	88	1.04			-2.6	-1.6		397621.13	6906013.13	1224
1124844	26/08/2016	233706	39	N	187.5		24	-2.3	4	98	72	0.97			-2.3	4		397628.56	6906022.84	1225
1124844	26/08/2016	233638	39	N	200		24	1.7	6.5	96	84	1.02			1.7	6.5		397635.19	6906031.45	1226
1124844	26/08/2016	233602	39	N	212.5		24	-1.8	3.9	98	78	1			-1.8	3.9		397641.1	6906041.74	1227
1124844	26/08/2016	233514	39	N	225		24	-3.2	4.7	98	66	0.94			-3.2	4.7		397649.12	6906052.72	1229
1124844	26/08/2016	233434	39	N	237.5		24	-6.5	1.7	98	79	1			-6.5	1.7		397658.39	6906064.61	1232
1124844	26/08/2016	233402	39	N	250		24	-10.3	-2.1	98	67	0.94			-10.3	-2.1		397666.89	6906073.32	1233
1124844	26/08/2016	233330	39	N	262.5		24	-12	-3.2	98	86	1.04			-12	-3.2		397675.31	6906083.3	1235
1124844	26/08/2016	233258	39	N	275		24	-13.2	-3.4	98	84	1.03			-13.2	-3.4		397682.38	6906094.13	1236
1124844	26/08/2016	233222	39	N	287.5		24	-18.8	-6	87	95	1.02			-18.8	-6		397689.43	6906104.9	1237
1124844	26/08/2016	233154	39	N	300		24	-14	-7.4	91	97	1.05			-14	-7.4		397694.93	6906114.6	1240
1124844	26/08/2016	233110	39	N	312.5		24	-9.4	-0.5	100	99	1.12			-9.4	-0.5		397701.31	6906126.73	1241
1124844	26/08/2016	233042	39	N	325		24	-10.1	1.4	93	98	1.07			-10.1	1.4		397707.59	6906137.72	1243
1124844	26/08/2016	233010	39	N	337.5		24	-8.6	0.3	96	97	1.09			-8.6	0.3		397715.83	6906148	1244
1124844	26/08/2016	232942	39	N	350		24	-6.2	-2.1	98	97	1.09			-6.2	-2.1		397721.24	6906158.36	1245
1124844	26/08/2016	232906	39	N	362.5		24	-11.4	-3.4	99	92	1.07			-11.4	-3.4		397729.05	6906166.97	1246
1124844	26/08/2016	232834	39	N	375		24	-12.9	-8.8	98	97	1.1			-12.9	-8.8		397736.8	6906179.96	1246
1124844	26/08/2016	232802	39	N	387.5		24	-5.6	-9.6	100	100	1.13			-5.6	-9.6		397746.5	6906190.51	1248
1124844	26/08/2016	232738	39	N	400		24	6.8	-5.8	99	100	1.11			6.8	-5.8		397753.13	6906200.25	1248
1124844	26/08/2016	232650	39	N	412.5		24	18.2	0.4	94	99	1.09	1					397760.36	6906210.24	1249
1124844	26/08/2016	232710	39	N	412.5		24	18.7	1.6	100	100	1.13			18.7	1.6		397760.09	6906210.09	1249
1124844	26/08/2016	232554	39	N	425		24	17.2	-0.7	90	98	1.06			17.2	-0.7		397765.55	6906219.31	1250
1124844	26/08/2016	232518	39	N	437.5		24	13	-1.9	90	97	1.05			13	-1.9		397775.82	6906233.12	1250
1124844	26/08/2016	232446	39	N	450		24	13.6	-1.7	96	96	1.08			13.6	-1.7		397783.63	6906242.05	1250
1124844	26/08/2016	232418	39	N	462.5		24	8	-4.2	98	90	1.06			8	-4.2		397791.5	6906252.68	1250
1124844	26/08/2016	232346	39	N	475		24	5.6	-4	98	90	1.06			5.6	-4		397799.1	6906262.56	1250
1124844	26/08/2016	232314	39	N	487.5		24	-1	-6.1	97	87	1.04			-1	-6.1		397806.98	6906274.09	1250
1124844	26/08/2016	232246	39	N	500		24	-2	-8.4	98	90	1.06			-2	-8.4		397814.97	6906284.96	1250
1124844	26/08/2016	232058	39	N	512.5		24	-5.1	-12.3	97	94	1.07			-5.1	-12.3		397821.83	6906294.92	1250
1124844	26/08/2016	232010	39	N	525		24	-10.2	-13.3	97	99	1.1			-10.2	-13.3		397829.13	6906306.06	1250
1124844	26/08/2016	231934	39	N	537.5		24	1.2	-4.1	100	100	1.12			1.2	-4.1		397836.3	6906317.4	1249
1124844	26/08/2016	231854	39	N	550		24	9.4	1.8	99	97	1.11			9.4	1.8		397841.89	6906328.65	1248
1124844	26/08/2016	231818	39	N	562.5		24	6.6	-1.3	99	94	1.08			6.6	-1.3		397851.4	6906337.95	1247
1124844	26/08/2016	231742	39	N	575		24	3.8	-4.1	99	98	1.11			3.8	-4.1		397858.47	6906349.07	1247
1124844	26/08/2016	231710	39	N	587.5		24	7.9	-1	93	97	1.07			7.9	-1		397867.28	6906358.94	1246
1124844	26/08/2016	231642	39	N	600		24	7.4	-2	99	95	1.09			7.4	-2		397874.89	6906369.31	1245
1124844	26/08/2016	231554	39	N	612.5		24	5.9	-3	99	95	1.09			5.9	-3		397883.55	6906380.53	1244
1124844	26/08/2016	231522	39	N	625		24	12.8	-1.8	100	100	1.12			12.8	-1.8		397889.96	6906392.52	1243
1124844	26/08/2016	231442	39	N	637.5		24	15.6	2.8	100	98	1.11			15.6	2.8		397894.49	6906403.86	1242
1124844	26/08/2016	231358	39	N	650		24	16.1	3.1	98	84	1.03			16.1	3.1		397901.75	6906415.43	1240
1124844	26/08/2016	231318	39	N	662.5		24	13.6	3.5	98	75	0.98			13.6	3.5		397909.08	6906425.69	1239
1124844	26/08/2016	231246	39	N	675		24	4	-2.3	98	91	1.07			4	-2.3		397919.92	6906432.77	1237
1124844	26/08/2016	231210	39	N	687.5		24	10.7	1.6	99	94	1.08			10.7	1.6		397926.16	6906444.94	1235
1124844	26/08/2016	231134	39	N	700		24	15.1	6.3	98	92	1.07			15.1	6.3		397932.34	6906455.78	1234
1124844	26/08/2016	231046	39	N	712.5		24	16	7.7	98	89	1.05			16	7.7		397939.19	6906468.66	1232
1124844	26/08/2016	231014	39	N	725		24	13.7	7.6	98	75	0.98			13.7	7.6		397946.6	6906477.67	1230

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	230930	39	N	737.5		24	8.4	1.9	99	96	1.1			8.4	1.9		397955.53	6906487.7	1229
1124844	26/08/2016	230854	39	N	750		24	6.8	3.2	98	93	1.07			6.8	3.2		397963.9	6906499.06	1226
1124844	26/08/2016	230758	39	N	762.5		24	10.6	1.8	99	98	1.11			10.6	1.8		397971.36	6906509.97	1224
1124844	26/08/2016	230722	39	N	775		24	24.4	10.1	99	94	1.08			24.4	10.1		397979.17	6906521	1223
1124844	26/08/2016	230642	39	N	787.5		24	30.6	15.4	98	88	1.05			30.6	15.4		397985.1	6906530.65	1221
1124844	26/08/2016	230554	39	N	800		24	34.2	18.3	98	87	1.04			34.2	18.3		397993.67	6906540.16	1218
1124844	26/08/2016	230514	39	N	812.5		24	39.7	23.6	98	82	1.02			39.7	23.6		398004.49	6906550.53	1216
1124844	26/08/2016	230426	39	N	825		24	28.7	15.3	98	91	1.06			28.7	15.3		398011.52	6906560.76	1213
1124844	26/08/2016	230350	39	N	837.5		24	29.5	17.9	95	88	1.03			29.5	17.9		398016.28	6906570.16	1211
1124844	26/08/2016	230242	39	N	850		24	27.6	17.2	96	86	1.03			27.6	17.2		398022.31	6906584.54	1207
1124844	26/08/2016	230302	39	N	850		24	26.1	15.8	98	74	0.98	1					398022.48	6906584.22	1207
1124844	26/08/2016	230154	39	N	862.5		24	25.6	19.6	98	74	0.97			25.6	19.6		398028.35	6906596.46	1205
1124844	26/08/2016	230106	39	N	875		24	22.9	15.8	98	82	1.01			22.9	15.8		398032.42	6906606.18	1202
1124844	26/08/2016	230002	39	N	887.5		24	15.6	21.2	69	72	0.79			15.6	21.2		398040.15	6906616.37	1200
1124844	26/08/2016	225918	39	N	900		24	15.1	18.1	98	58	0.9			15.1	18.1		398048.95	6906625.61	1197
1124844	26/08/2016	225842	39	N	912.5		24	10.1	14.5	98	68	0.95			10.1	14.5		398058.03	6906634.64	1194
1124844	26/08/2016	225730	39	N	925		24	3.1	10.5	98	67	0.94			3.1	10.5		398065.34	6906644.01	1191
1124844	26/08/2016	225650	39	N	937.5		24	-1.2	11.4	98	63	0.93			-1.2	11.4		398074.17	6906653.57	1189
1124844	26/08/2016	225610	39	N	950		24	-1.6	13.8	98	67	0.94			-1.6	13.8		398082.68	6906663.24	1186
1124844	26/08/2016	225542	39	N	962.5		24	-4.6	12.5	98	68	0.95			-4.6	12.5		398087.55	6906671.81	1183
1124844	26/08/2016	225506	39	N	975		24	-3.8	13.7	98	75	0.98			-3.8	13.7		398094.07	6906684.71	1179
1124844	26/08/2016	225426	39	N	987.5		24	-7.2	14.7	98	72	0.96			-7.2	14.7		398100.04	6906694.73	1177
1124844	26/08/2016	225330	39	N	1000		24	-6.7	15.6	98	69	0.95			-6.7	15.6		398109.45	6906703.52	1173
1124844	26/08/2016	225258	39	N	1012.5		24	-10.6	16.6	98	62	0.92			-10.6	16.6		398115.4	6906714.03	1171
1124844	26/08/2016	225210	39	N	1025		24	-11.9	13.4	98	75	0.98			-11.9	13.4		398121.82	6906724.06	1166
1124844	26/08/2016	225130	39	N	1037.5		24	-13.4	14.3	98	69	0.95			-13.4	14.3		398129.37	6906734.81	1163
1124844	26/08/2016	225046	39	N	1050		24	-14.2	14.2	98	79	1			-14.2	14.2		398136.08	6906745.19	1159
1124844	26/08/2016	224942	39	N	1062.5		24	-16	14.5	98	68	0.95			-16	14.5		398144	6906757.46	1154
1124844	26/08/2016	224858	39	N	1075		24	-12.4	10.4	98	94	1.08			-12.4	10.4		398153.01	6906769.01	1150
1124844	26/08/2016	224342	39	N	1087.5		24	-2.8	13.4	99	97	1.1			-2.8	13.4		398163.74	6906785.26	1145
1124844	26/08/2016	224238	39	N	1100		24	5.8	16.5	99	92	1.07			5.8	16.5		398170.95	6906795.01	1141
1124844	26/08/2016	224142	39	N	1112.5		24	6.1	17	98	86	1.04			6.1	17		398178.97	6906805.4	1137
1124844	26/08/2016	224038	39	N	1125		24	7.4	13.7	98	84	1.03			7.4	13.7		398185	6906815.15	1133
1124844	26/08/2016	223958	39	N	1137.5		24	10.7	10	98	87	1.04			10.7	10		398193.68	6906824.26	1131
1124844	26/08/2016	223918	39	N	1150		24	17.2	12.3	98	90	1.06			17.2	12.3		398199.94	6906833.6	1128
1124844	26/08/2016	223742	39	N	1162.5		24	21.1	10.7	95	88	1.03			21.1	10.7		398206.24	6906842.64	1125
1124844	26/08/2016	223802	39	N	1162.5		24	20.1	10.2	96	85	1.02	1					398206.29	6906842.66	1125
1124844	26/08/2016	221618	39	N	1175		24	24	18.6	98	50	0.87	2					398213.63	6906855.25	1128
1124844	26/08/2016	223254	39	N	1175	Missing GPS Points	24	23	13.7	98	69	0.95			23	13.7		398213.63	6906855.25	1128
1124844	26/08/2016	223330	39	N	1175	Missing GPS Points	24	23.4	17.6	98	57	0.9	1					398213.63	6906855.25	1128
1124844	26/08/2016	223350	39	N	1175		24	24.7	18.7	98	55	0.89	2					398212.62	6906851.81	1116
1124844	26/08/2016	223446	39	N	1175		24	24.9	16	98	71	0.96	1					398212.76	6906850.33	1116
1124844	26/08/2016	221518	39	N	1187.5		24	22.2	12.3	98	48	0.87			22.2	12.3		398219.15	6906863.55	1121
1124844	26/08/2016	221438	39	N	1200		24	16.4	12.4	98	41	0.84			16.4	12.4		398226.14	6906870.74	1118
1124844	26/08/2016	221350	39	N	1212.5		24	13.5	9.8	98	29	0.81			13.5	9.8		398230.73	6906882.22	1117
1124844	26/08/2016	221254	39	N	1225		24	8.6	6.2	96	60	0.9			8.6	6.2		398235.62	6906891.69	1109
1124844	26/08/2016	221102	39	N	1237.5		24	4	4	98	52	0.88			4	4		398241.46	6906900	1111
1124844	26/08/2016	220950	39	N	1250		24	0	0.8	98	43	0.85			0	0.8		398245.94	6906909.52	1106
1124844	26/08/2016	220902	39	N	1262.5		24	-5.3	-2.2	98	41	0.84			-5.3	-2.2		398250.77	6906918.73	1104
1124844	26/08/2016	220822	39	N	1275		24	-7.1	-2.3	98	53	0.88			-7.1	-2.3		398261.77	6906926.02	1099
1124844	26/08/2016	220750	39	N	1287.5		24	-4.4	3.1	98	50	0.87			-4.4	3.1		398267.71	6906934.65	1097
1124844	26/08/2016	220642	39	N	1300		24	-3.1	0.9	98	51	0.88			-3.1	0.9		398274.8	6906945.68	1096
1124844	26/08/2016	220550	39	N	1312.5		24	-2.2	5	98	50	0.87			-2.2	5		398279.83	6906958.62	1093
1124844	26/08/2016	220502	39	N	1325		24	-1.4	7.1	98	30	0.81			-1.4	7.1		398286.37	6906966.78	1091
1124844	26/08/2016	220250	39	N	1337.5		24	-3.9	3.9	98	50	0.87			-3.9	3.9		398297.43	6906981.81	1088
1124844	26/08/2016	220158	39	N	1350		24	-1.1	5.6	98	61	0.92			-1.1	5.6		398305.13	6906987.91	1083
1124844	26/08/2016	220102	39	N	1362.5		24	1	8	98	76	0.98			1	8		398311.15	6906996.63	1081

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	215954	39	N	1375		24	6.8	10.1	98	61	0.92			6.8	10.1		398317.46	6907006.53	1079
1124844	26/08/2016	215858	39	N	1387.5		24	10.8	14.7	98	45	0.86			10.8	14.7		398323.6	6907018.94	1077
1124844	26/08/2016	215810	39	N	1400		24	7.2	10.9	98	51	0.88			7.2	10.9		398329.52	6907026.62	1074
1124844	26/08/2016	215718	39	N	1412.5		24	5.3	9.5	98	57	0.9			5.3	9.5		398342.18	6907032.17	1070
1124844	26/08/2016	215510	39	N	1425		24	1.6	8.1	96	57	0.89			1.6	8.1		398348.86	6907044.07	1072
1124844	26/08/2016	215418	39	N	1437.5		24	-2.1	4.7	98	54	0.89			-2.1	4.7		398353.45	6907052.24	1068
1124844	26/08/2016	215302	39	N	1450		24	-6.9	5	98	32	0.82			-6.9	5		398357.27	6907064.85	1067
1124844	26/08/2016	215158	39	N	1462.5		24	-7.3	3.8	98	52	0.88			-7.3	3.8		398366.57	6907075.78	1065
1124844	26/08/2016	215122	39	N	1475		24	-7.5	4.3	98	23	0.8			-7.5	4.3		398371.76	6907084.67	1064
1124844	26/08/2016	215030	39	N	1487.5		24	-6.8	4.6	98	56	0.9			-6.8	4.6		398377.42	6907096.93	1062
1124844	26/08/2016	214954	39	N	1500		24	-6.9	4.9	98	34	0.82			-6.9	4.9		398384.97	6907106.53	1061
1124844	26/08/2016	214910	39	N	1512.5		24	-11.2	2.8	98	31	0.81			-11.2	2.8		398391.97	6907116.54	1060
1124844	26/08/2016	214830	39	N	1525		24	-15.2	-0.1	98	52	0.88			-15.2	-0.1		398401.39	6907125.37	1060
1124844	26/08/2016	214606	39	N	1537.5		24	-14.6	3.5	98	27	0.81			-14.6	3.5		398409.09	6907137.26	1058
1124844	26/08/2016	214454	39	N	1550		24	-15.8	2.1	98	48	0.87			-15.8	2.1		398412.86	6907147.6	1058
1124844	26/08/2016	214422	39	N	1562.5		24	-15.9	3.6	98	49	0.87			-15.9	3.6		398420.55	6907156.32	1058
1124844	26/08/2016	214342	39	N	1575		24	-14.4	4.8	98	52	0.88			-14.4	4.8		398428.32	6907166.57	1058
1124844	26/08/2016	214306	39	N	1587.5		24	-18.5	0.2	98	43	0.85			-18.5	0.2		398437.81	6907176.61	1058
1124844	26/08/2016	214238	39	N	1600		24	-24.4	-4.9	98	40	0.84			-24.4	-4.9		398444.18	6907186.83	1058
1124844	26/08/2016	214206	39	N	1612.5		24	-27	-6.6	98	49	0.87			-27	-6.6		398450.05	6907197.24	1059
1124844	26/08/2016	214010	39	N	1625		24	-26.2	-5.3	98	36	0.83			-26.2	-5.3		398454.39	6907208.38	1059
1124844	26/08/2016	213938	39	N	1637.5		24	-24	-6.8	98	61	0.91			-24	-6.8		398461.2	6907220.08	1059
1124844	26/08/2016	213906	39	N	1650		24	-14	0.2	98	65	0.93			-14	0.2		398469.02	6907228.58	1060
1124844	26/08/2016	213834	39	N	1662.5		24	-8.5	0.7	98	59	0.91			-8.5	0.7		398474	6907240.68	1061
1124844	26/08/2016	213802	39	N	1675		24	-8	1.1	98	57	0.9			-8	1.1		398483.73	6907249.18	1062
1124844	26/08/2016	213710	39	N	1687.5		24	-5	2.6	98	49	0.87			-5	2.6		398493.56	6907258.35	1062
1124844	26/08/2016	213730	39	N	1687.5		24	-2	3.5	98	44	0.85	1					398492.88	6907257.34	1061
1124844	26/08/2016	213634	39	N	1700		24	-7.4	0.2	98	64	0.93			-7.4	0.2		398501.78	6907264.96	1061
1124844	26/08/2016	213554	39	N	1712.5		24	-7.5	-1.1	98	59	0.91			-7.5	-1.1		398510.47	6907277.29	1062
1124844	26/08/2016	213506	39	N	1725		24	-7.7	-3.3	98	76	0.99			-7.7	-3.3		398516.34	6907289.34	1062
1124844	26/08/2016	213430	39	N	1737.5		24	-10.3	-3.8	98	56	0.9			-10.3	-3.8		398520.81	6907300.8	1062
1124844	26/08/2016	213358	39	N	1750		24	-7.3	-4.1	98	65	0.93			-7.3	-4.1		398528.36	6907310.02	1062
1124844	26/08/2016	213322	39	N	1762.5		24	-6.2	-4.2	98	62	0.92			-6.2	-4.2		398535.8	6907320.41	1062
1124844	26/08/2016	213254	39	N	1775		24	-4.7	-3.1	98	72	0.96			-4.7	-3.1		398543.69	6907330.68	1063
1124844	26/08/2016	213222	39	N	1787.5		24	2.6	-0.1	98	66	0.94			2.6	-0.1		398550.48	6907340.32	1063
1124844	26/08/2016	213154	39	N	1800		24	6.5	1.4	98	70	0.96			6.5	1.4		398557.52	6907350.4	1064
1124844	26/08/2016	213122	39	N	1812.5		24	8.7	3.4	98	68	0.95			8.7	3.4		398563.85	6907360.68	1064
1124844	26/08/2016	213010	39	N	1825		24	9.5	3.5	98	62	0.92			9.5	3.5		398570.64	6907372.34	1066
1124844	26/08/2016	212942	39	N	1837.5		24	4.6	1	98	72	0.97			4.6	1		398577.85	6907381.48	1067
1124844	26/08/2016	212842	39	N	1850		24	4.6	0.8	98	75	0.98			4.6	0.8		398584.86	6907390.22	1066
1124844	26/08/2016	212906	39	N	1850		24	2.2	1.3	98	73	0.97			2.2	1.3		398584.93	6907390.16	1066
1124844	26/08/2016	212806	39	N	1862.5		24	3	4	98	58	0.9			3	4		398594.19	6907402.59	1067
1124844	26/08/2016	212710	39	N	1875		24	-1.6	1.6	98	63	0.93			-1.6	1.6		398601.38	6907412.52	1068
1124844	26/08/2016	212730	39	N	1875		24	-0.3	1.9	98	51	0.88			-0.3	1.9		398601.37	6907412.77	1068
1124844	26/08/2016	212638	39	N	1887.5		24	-2.2	2.7	98	37	0.83			-2.2	2.7		398606.17	6907420.55	1069
1124844	26/08/2016	212558	39	N	1900		24	-7.7	-0.9	98	61	0.92			-7.7	-0.9		398614.46	6907431.49	1070
1124844	26/08/2016	212526	39	N	1912.5		24	-13.3	-4.8	98	60	0.91			-13.3	-4.8		398622.33	6907442.41	1070
1124844	26/08/2016	212342	39	N	1925		24	-10.1	-2.5	98	60	0.91			-10.1	-2.5		398629.02	6907453.45	1071
1124844	26/08/2016	212310	39	N	1937.5		24	-13.9	-2.7	98	68	0.95			-13.9	-2.7		398635.01	6907463.4	1071
1124844	26/08/2016	212238	39	N	1950		24	-6.3	4.2	98	72	0.96			-6.3	4.2		398642.08	6907471.54	1071
1124844	26/08/2016	212150	39	N	1962.5		24	-2.9	8.5	98	68	0.95			-2.9	8.5		398651.24	6907482.33	1071
1124844	26/08/2016	212102	39	N	1975		24	-6.3	3.9	98	69	0.95			-6.3	3.9		398658.44	6907492.1	1070
1124844	26/08/2016	212022	39	N	1987.5		24	-4.5	4.5	98	73	0.97			-4.5	4.5		398662.1	6907504.92	1071
1124844	26/08/2016	211942	39	N	2000		24	0.2	6.7	98	52	0.88			0.2	6.7		398668.6	6907515.07	1071
1124844	26/08/2016	211902	39	N	2012.5		24	1.6	7	98	47	0.86			1.6	7		398678.69	6907524.64	1071
1124844	26/08/2016	211826	39	N	2025		24	3	7.5	98	61	0.92			3	7.5		398686.81	6907533.71	1070
1124844	26/08/2016	211746	39	N	2037.5		24	6.9	9.9	98	64	0.93			6.9	9.9		398692.93	6907545.62	1070

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	211706	39	N	2050		24	7.7	9.2	98	56	0.9			7.7	9.2		398699.93	6907553.34	1070
1124844	26/08/2016	211622	39	N	2062.5		24	8.9	10.9	98	61	0.92			8.9	10.9		398706.91	6907565.35	1068
1124844	26/08/2016	211538	39	N	2075		24	12.5	9.7	98	80	1			12.5	9.7		398715.4	6907576.28	1066
1124844	26/08/2016	211506	39	N	2087.5		24	17.3	11	98	69	0.95			17.3	11		398721.39	6907584.97	1066
1124844	26/08/2016	211418	39	N	2100		24	20.7	15.3	98	75	0.98			20.7	15.3		398730.19	6907595.29	1066
1124844	26/08/2016	211346	39	N	2112.5		24	17	15	98	68	0.95			17	15		398736.98	6907606.7	1064
1124844	26/08/2016	211258	39	N	2125		24	15.1	11.6	98	67	0.94			15.1	11.6		398742.17	6907618.47	1064
1124844	26/08/2016	211218	39	N	2137.5		24	10.1	9.1	98	49	0.87			10.1	9.1		398749.55	6907628.67	1063
1124844	26/08/2016	211146	39	N	2150		24	11.5	8.3	98	46	0.86			11.5	8.3		398757.86	6907637.18	1063
1124844	26/08/2016	211106	39	N	2162.5		24	7.6	6.6	98	46	0.86			7.6	6.6		398766.28	6907647.62	1061
1124844	26/08/2016	211022	39	N	2175		24	4.6	8	98	53	0.88			4.6	8		398774.21	6907656.73	1058
1124844	26/08/2016	210938	39	N	2187.5		24	12.6	15.4	98	55	0.89			12.6	15.4		398782.58	6907668.55	1057
1124844	26/08/2016	210902	39	N	2200		24	11.8	16.3	98	51	0.88			11.8	16.3		398789.42	6907677.47	1054
1124844	26/08/2016	210814	39	N	2212.5		24	11.7	17.4	98	46	0.86			11.7	17.4		398794.69	6907689.11	1053
1124844	26/08/2016	210718	39	N	2225		24	6.3	13.3	98	72	0.97			6.3	13.3		398801.33	6907698.89	1050
1124844	26/08/2016	210630	39	N	2237.5		24	8	13.1	98	59	0.91			8	13.1		398806.08	6907708.56	1047
1124844	26/08/2016	210538	39	N	2250		24	8.5	15.8	98	50	0.87			8.5	15.8		398813.16	6907717.54	1042
1124844	26/08/2016	210454	39	N	2262.5		24	14.4	20.2	98	33	0.82			14.4	20.2		398821.2	6907726.08	1038
1124844	26/08/2016	210354	39	N	2275		24	10.6	18.5	98	63	0.93			10.6	18.5		398830.73	6907733.72	1035
1124844	26/08/2016	210306	39	N	2287.5		24	7.7	16	98	48	0.87			7.7	16		398835.75	6907745.52	1032
1124844	26/08/2016	210210	39	N	2300		24	8.6	17.7	98	47	0.86			8.6	17.7		398842.71	6907753.84	1028
1124844	26/08/2016	210054	39	N	2312.5		24	8.3	17.6	98	53	0.88			8.3	17.6		398847.82	6907762.68	1026
1124844	26/08/2016	205930	39	N	2325		24	10.9	19.2	98	40	0.84			10.9	19.2		398855.18	6907774.56	1023
1124844	26/08/2016	205950	39	N	2325		24	9	18.8	98	45	0.86	1					398855.15	6907774.2	1023
1124844	26/08/2016	210006	39	N	2325		24	9.6	18.1	98	45	0.86	1					398855.25	6907774.13	1023
8042728	27/08/2016	173402	41	N	0		24	12.8	-6.8	57	41	1.12			12.8	-6.8		397686.06	6905757.42	1203
8042728	27/08/2016	173418	41	N	0		24	12.9	-7.4	54	44	1.12	1					397686.03	6905757.39	1203
8042728	27/08/2016	173434	41	N	0		24	14.3	-5.2	52	44	1.08	1					397685.8	6905757.27	1204
8042728	27/08/2016	173542	41	N	12.5		24	14.2	-5.2	56	41	1.11			14.2	-5.2		397694.2	6905767.99	1204
8042728	27/08/2016	173610	41	N	12.5		24	14.7	-6.2	55	42	1.1	1					397694.46	6905767.5	1204
8042728	27/08/2016	173654	41	N	25		24	15.1	-6.5	57	40	1.12			15.1	-6.5		397701.02	6905777.84	1206
8042728	27/08/2016	173938	41	N	37.5		24	16.1	-6.5	60	39	1.14			16.1	-6.5		397707.92	6905788.48	1209
8042728	27/08/2016	174022	41	N	50		24	18.6	-6	61	36	1.14			18.6	-6		397715.21	6905797.17	1209
8042728	27/08/2016	174110	41	N	62.5		24	20.3	-4	65	37	1.19			20.3	-4		397723.03	6905806.44	1212
8042728	27/08/2016	174206	41	N	75		24	22.1	-2.2	61	39	1.15			22.1	-2.2		397731.1	6905818.4	1214
8042728	27/08/2016	174250	41	N	87.5		24	25.4	-1.1	67	34	1.19			25.4	-1.1		397738.76	6905829.34	1216
8042728	27/08/2016	174306	41	N	87.5		24	25.4	-0.8	66	36	1.2	1					397738.72	6905829.13	1216
8042728	27/08/2016	174350	41	N	100		24	25.8	0	66	41	1.24			25.8	0		397745.59	6905838.51	1217
8042728	27/08/2016	174434	41	N	112.5		24	26.3	-0.9	70	37	1.27			26.3	-0.9		397751.88	6905847.46	1219
8042728	27/08/2016	174522	41	N	125		24	26.9	-1	74	38	1.33			26.9	-1		397757.26	6905857.89	1219
8042728	27/08/2016	174610	41	N	137.5		24	28.5	-0.9	65	45	1.27	1					397764.18	6905869.96	1222
8042728	27/08/2016	174634	41	N	137.5		24	29.4	-1.1	67	47	1.3	1					397763.43	6905869	1225
8042728	27/08/2016	174654	41	N	137.5		24	28.1	-0.8	68	45	1.3			28.1	-0.8		397763.29	6905869.51	1223
8042728	27/08/2016	174818	41	N	150		24	23.6	-3.4	79	42	1.42			23.6	-3.4		397768.53	6905878.47	1224
8042728	27/08/2016	174930	41	N	162.5		24	19	-5.5	82	44	1.48	1					397776.82	6905886.03	1226
8042728	27/08/2016	174946	41	N	162.5		24	17.8	-5.7	88	40	1.53			17.8	-5.7		397777.13	6905886.3	1226
8042728	27/08/2016	175034	41	N	175		24	10.5	-11.4	85	42	1.5			10.5	-11.4		397783.5	6905895.96	1227
8042728	27/08/2016	175118	41	N	187.5		24	8.5	-14.5	74	47	1.4			8.5	-14.5		397790.35	6905906.24	1228
8042728	27/08/2016	175158	41	N	200		24	9.6	-13.2	75	42	1.36			9.6	-13.2		397798.67	6905918.69	1231
8042728	27/08/2016	175234	41	N	212.5		24	12.5	-11.1	69	46	1.33	1					397805.87	6905926.48	1232
8042728	27/08/2016	175250	41	N	212.5		24	12.8	-11.3	71	45	1.34			12.8	-11.3		397806.38	6905926.85	1232
8042728	27/08/2016	175310	41	N	212.5		24	12.2	-9.8	70	45	1.33	1					397806.13	6905926.76	1232
8042728	27/08/2016	175342	41	N	225		24	13.6	-11.2	75	43	1.39			13.6	-11.2		397811.56	6905936.59	1234
8042728	27/08/2016	175422	41	N	237.5		24	11.4	-13.5	69	39	1.26			11.4	-13.5		397818.08	6905948.27	1234
8042728	27/08/2016	175534	41	N	250		24	15.4	-11.9	71	38	1.28			15.4	-11.9		397827.76	6905958.19	1236
8042728	27/08/2016	175614	41	N	262.5		24	20	-9.4	72	39	1.3			20	-9.4		397835.53	6905967.21	1237
8042728	27/08/2016	175710	41	N	275		24	25.6	-5.8	63	48	1.27	1					397840.9	6905978.47	1241

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	175726	41	N	275		24	23.7	-7.4	67	46	1.29			23.7	-7.4		397841.04	6905978.77	1240
8042728	27/08/2016	175806	41	N	287.5		24	28.2	-6.3	53	58	1.25			28.2	-6.3		397847.43	6905987.23	1242
8042728	27/08/2016	175918	41	N	300		24	27.1	-2.6	76	41	1.38			27.1	-2.6		397855.01	6905995.95	1244
8042728	27/08/2016	180010	41	N	312.5		24	30.8	-1.4	69	50	1.36			30.8	-1.4		397860.13	6906006.49	1246
8042728	27/08/2016	180102	41	N	325		24	27.6	-3.3	69	57	1.43			27.6	-3.3		397866.55	6906016.93	1249
8042728	27/08/2016	180122	41	N	325		24	25.7	-2.6	71	54	1.43	1					397866.53	6906017.01	1249
8042728	27/08/2016	180142	41	N	325		24	26.6	-2.9	67	57	1.4	1					397865.95	6906016.63	1248
8042728	27/08/2016	180234	41	N	337.5		24	21.4	0.2	71	61	1.49	2					397874.26	6906030	1251
8042728	27/08/2016	180250	41	N	337.5		24	21.3	0	68	63	1.48	1					397874.22	6906029.85	1251
8042728	27/08/2016	180306	41	N	337.5		24	21.9	0	69	64	1.5			21.9	0		397874.47	6906030.15	1251
8042728	27/08/2016	180338	41	N	350		24	7.3	-3.8	73	62	1.53			7.3	-3.8		397880.54	6906037.87	1253
8042728	27/08/2016	180414	41	N	362.5		24	4.4	-1.1	77	51	1.47	1					397887.2	6906047.18	1255
8042728	27/08/2016	180430	41	N	362.5		24	4.7	-0.4	80	51	1.52			4.7	-0.4		397886.94	6906046.89	1255
8042728	27/08/2016	180458	41	N	362.5		24	5.2	-0.4	76	54	1.49	1					397886.93	6906047.09	1254
8042728	27/08/2016	180518	41	N	362.5		24	5	0.1	74	55	1.47	1					397886.48	6906047.01	1254
8042728	27/08/2016	180602	41	N	375		24	5.4	2.1	84	48	1.55			5.4	2.1		397895.21	6906057.22	1257
8042728	27/08/2016	180618	41	N	375		24	7	3	78	52	1.49	2					397895.04	6906056.98	1257
8042728	27/08/2016	180638	41	N	375		24	5.9	3	70	55	1.42	1					397894.37	6906056.85	1257
8042728	27/08/2016	180726	41	N	387.5		24	6.5	5.3	78	50	1.47			6.5	5.3		397903.41	6906068.07	1260
8042728	27/08/2016	180810	41	N	400		24	9.4	8	80	51	1.51			9.4	8		397910.31	6906075.88	1263
8042728	27/08/2016	180910	41	N	412.5		24	3.9	4.5	92	49	1.66			3.9	4.5		397918.16	6906085.64	1266
8042728	27/08/2016	180958	41	N	425		24	-0.7	2.6	89	54	1.66	1					397925.37	6906093.95	1269
8042728	27/08/2016	181022	41	N	425		24	-0.3	3.5	76	66	1.6			-0.3	3.5		397925.27	6906093.92	1268
8042728	27/08/2016	181058	41	N	437.5		24	-12.8	-1.6	72	63	1.53			-12.8	-1.6		397933.22	6906105.7	1271
8042728	27/08/2016	181126	41	N	450		24	-22.2	-5.1	66	60	1.43	1					397940.33	6906115.43	1272
8042728	27/08/2016	181142	41	N	450		24	-20.9	-4.4	52	70	1.4	2					397940.21	6906115.18	1272
8042728	27/08/2016	181158	41	N	450		24	-20.8	-4.9	64	65	1.45			-20.8	-4.9		397939.74	6906114.39	1272
8042728	27/08/2016	181250	41	N	462.5		24	-28.6	-9.3	61	60	1.37			-28.6	-9.3		397946.61	6906124.46	1273
8042728	27/08/2016	181334	41	N	475		24	-24	-7.4	64	47	1.27			-24	-7.4		397954.12	6906137.17	1274
8042728	27/08/2016	181350	41	N	475		24	-25.9	-6.2	57	51	1.22	2					397953.75	6906137.14	1274
8042728	27/08/2016	181646	41	N	475		24	-17.2	-2.5	62	48	1.25	1					397960.76	6906147.43	1275
8042728	27/08/2016	181730	41	N	487.5		24	-17.2	-0.3	68	44	1.29			-17.2	-0.3		397969.24	6906156.86	1276
8042728	27/08/2016	181810	41	N	500		24	-25.2	-7.2	60	45	1.2			-25.2	-7.2		397977.54	6906166.62	1276
8042728	27/08/2016	181826	41	N	500		24	-26.3	-7.4	59	43	1.17	1					397977.46	6906166.44	1276
8042728	27/08/2016	181842	41	N	500		24	-29.1	-6.2	56	45	1.15	2					397977.11	6906166.29	1276
8042728	27/08/2016	181858	41	N	500		24	-27.2	-7	56	47	1.17	1					397977.19	6906166.55	1276
8042728	27/08/2016	181934	41	N	512.5		24	-27	-6.4	54	45	1.12			-27	-6.4		397985.77	6906177.18	1276
8042728	27/08/2016	182018	41	N	525		24	-26.1	-5	53	46	1.12			-26.1	-5		397992.97	6906185.9	1276
8042728	27/08/2016	182034	41	N	525		24	-26.6	-5.4	54	44	1.12	1					397992.67	6906185.64	1275
8042728	27/08/2016	182114	41	N	537.5		24	-23.5	-3.5	52	47	1.11			-23.5	-3.5		398000.43	6906195.99	1274
8042728	27/08/2016	182130	41	N	537.5		24	-23	-2.5	57	44	1.16	1					398000.23	6906195.47	1274
8042728	27/08/2016	182234	41	N	537.5		24	-23.7	-2.8	54	44	1.12	2					398000.32	6906196.21	1275
8042728	27/08/2016	182302	41	N	550		24	-19.4	-1.1	57	41	1.12	1					398008	6906204.87	1273
8042728	27/08/2016	182318	41	N	550		24	-21.8	-0.7	57	42	1.13			-21.8	-0.7		398007.91	6906205.44	1274
8042728	27/08/2016	182358	41	N	562.5		24	-17.8	1.7	58	39	1.12			-17.8	1.7		398015.92	6906216.7	1272
8042728	27/08/2016	182418	41	N	562.5		24	-18	2.7	54	42	1.1	2					398015.51	6906216.28	1272
8042728	27/08/2016	182438	41	N	562.5		24	-16.6	1.8	56	43	1.12	1					398016.19	6906216.96	1272
8042728	27/08/2016	182506	41	N	575		24	-15.1	5.1	61	39	1.16			-15.1	5.1		398022.84	6906225.47	1270
8042728	27/08/2016	182522	41	N	575		24	-14.9	4.8	56	41	1.12	1					398022.5	6906225.74	1270
8042728	27/08/2016	182602	41	N	587.5		24	-12.2	6.2	59	43	1.17			-12.2	6.2		398030.18	6906236.61	1268
8042728	27/08/2016	182658	41	N	600		24	-14.9	2.9	61	45	1.2			-14.9	2.9		398037.08	6906248.2	1267
8042728	27/08/2016	182742	41	N	612.5		24	-21	-4.2	65	45	1.26			-21	-4.2		398043.56	6906257.04	1265
8042728	27/08/2016	182810	41	N	625		24	-28.2	-9	55	47	1.15			-28.2	-9		398049.33	6906264.68	1264
8042728	27/08/2016	182826	41	N	625		24	-28.1	-8.2	53	49	1.15	1					398048.97	6906265.16	1264
8042728	27/08/2016	182858	41	N	637.5		24	-26.7	-6.9	57	44	1.14			-26.7	-6.9		398055.63	6906274.38	1263
8042728	27/08/2016	182930	41	N	650		24	-25.8	-8.1	53	41	1.06			-25.8	-8.1		398063.02	6906285.77	1260
8042728	27/08/2016	183010	41	N	662.5		24	-23.6	-4.3	59	37	1.12			-23.6	-4.3		398069.58	6906294.88	1256

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	183050	41	N	675		24	-20.3	-1.2	57	40	1.1			-20.3	-1.2		398076.88	6906306.69	1255
8042728	27/08/2016	183158	41	N	675		24	-21.1	0	52	43	1.08	1					398076.97	6906306.31	1255
8042728	27/08/2016	183242	41	N	687.5		24	-21.1	-0.3	53	43	1.09			-21.1	-0.3		398082.84	6906316.01	1252
8042728	27/08/2016	183410	41	N	687.5		24	-22.9	0	51	44	1.08	1					398089.55	6906326.13	1249
8042728	27/08/2016	183454	41	N	700		24	-24.3	-2.5	50	46	1.09			-24.3	-2.5		398095.3	6906337.04	1246
8042728	27/08/2016	183530	41	N	712.5		24	-32.1	-8.3	46	44	1.02	1					398102.58	6906345.51	1242
8042728	27/08/2016	183550	41	N	712.5		24	-31.6	-10.3	108	83	1.08			-31.6	-10.3		398102.29	6906345.33	1243
8042728	27/08/2016	183630	41	N	725		24	-31.4	-12.1	101	84	1.04			-31.4	-12.1		398110.52	6906355.74	1240
8042728	27/08/2016	183710	41	N	737.5		24	-29.7	-11.5	112	67	1.04			-29.7	-11.5		398117.45	6906364.85	1236
8042728	27/08/2016	183746	41	N	750		24	-27.1	-8.9	106	83	1.07			-27.1	-8.9		398124.87	6906375.61	1233
8042728	27/08/2016	183818	41	N	762.5		24	-26.7	-13.6	112	72	1.06			-26.7	-13.6		398131.77	6906384.11	1229
8042728	27/08/2016	183854	41	N	775		24	-24.4	-12.4	111	68	1.03			-24.4	-12.4		398138.29	6906393.79	1226
8042728	27/08/2016	183942	41	N	787.5		24	-18.6	-10	105	74	1.02			-18.6	-10		398146.46	6906406.8	1223
8042728	27/08/2016	184018	41	N	800		24	-16.5	-12.2	103	72	1			-16.5	-12.2		398153.86	6906416.69	1220
8042728	27/08/2016	184114	41	N	812.5		24	-15.2	-11.3	113	65	1.03			-15.2	-11.3		398158.53	6906423.46	1219
8042728	27/08/2016	184150	41	N	825		24	-12.2	-11.2	115	68	1.06			-12.2	-11.2		398165.94	6906433.63	1215
8042728	27/08/2016	184330	41	N	837.5		24	-14.6	-12.9	116	59	1.03			-14.6	-12.9		398174.27	6906445.02	1212
8042728	27/08/2016	184358	41	N	850		24	-11	-13	115	64	1.04			-11	-13		398179.94	6906453.53	1210
8042728	27/08/2016	184430	41	N	862.5		24	-10.5	-13	111	62	1.01			-10.5	-13		398187.48	6906463.92	1206
8042728	27/08/2016	184506	41	N	875		24	-8.3	-14.2	109	70	1.03			-8.3	-14.2		398196.65	6906476.03	1202
8042728	27/08/2016	184538	41	N	887.5		24	-6.9	-13.1	114	70	1.06			-6.9	-13.1		398203.01	6906485.35	1200
8042728	27/08/2016	184622	41	N	900		24	-7	-13.8	121	58	1.07			-7	-13.8		398209.76	6906494	1196
8042728	27/08/2016	184654	41	N	912.5		24	-4.1	-14.4	118	61	1.06			-4.1	-14.4		398216.01	6906502.4	1194
8042728	27/08/2016	184726	41	N	925		24	-4.4	-16.1	116	64	1.05			-4.4	-16.1		398224.02	6906513.84	1189
8042728	27/08/2016	184802	41	N	937.5		24	-2.5	-15.1	120	56	1.05			-2.5	-15.1		398228.5	6906523	1187
8042728	27/08/2016	184838	41	N	950		24	-1.1	-15.8	117	65	1.06			-1.1	-15.8		398234.64	6906532.98	1185
8042728	27/08/2016	184914	41	N	962.5		24	2.6	-13.4	112	70	1.05			2.6	-13.4		398241.61	6906544.11	1181
8042728	27/08/2016	184950	41	N	975		24	-8.9	-17	123	71	1.13			-8.9	-17		398249.32	6906553.61	1178
8042728	27/08/2016	185034	41	N	987.5		24	-1.8	-19.7	59	31	1.06			-1.8	-19.7		398256.96	6906563.9	1175
8042728	27/08/2016	185110	41	N	1000		24	1.3	-19.8	57	33	1.05			1.3	-19.8		398263.39	6906573.06	1172
8042728	27/08/2016	185134	41	N	1012.5		24	1.5	-19.1	57	33	1.05			1.5	-19.1		398269.35	6906580.11	1170
8042728	27/08/2016	185218	41	N	1025		24	5.4	-17.7	60	29	1.06			5.4	-17.7		398277.05	6906593.16	1165
8042728	27/08/2016	185254	41	N	1037.5		24	7.8	-17.4	50	37	1			7.8	-17.4		398282.89	6906603.18	1163
8042728	27/08/2016	185334	41	N	1050		24	12.5	-13.9	60	32	1.09			12.5	-13.9		398291.89	6906613.88	1159
8042728	27/08/2016	185406	41	N	1062.5		24	14.6	-13.4	55	37	1.06			14.6	-13.4		398296.61	6906624.06	1156
8042728	27/08/2016	185438	41	N	1075		24	16.6	-10	60	39	1.15			16.6	-10		398303.72	6906632.72	1152
8042728	27/08/2016	185514	41	N	1087.5		24	18.3	-6.3	60	45	1.19			18.3	-6.3		398311.59	6906643.48	1150
8042728	27/08/2016	185550	41	N	1100		24	16.4	-3.1	63	47	1.25			16.4	-3.1		398318.62	6906651.36	1145
8042728	27/08/2016	185626	41	N	1112.5		24	2.1	-10.3	62	57	1.34			2.1	-10.3		398327.96	6906660.85	1143
8042728	27/08/2016	185706	41	N	1125		24	-10.7	-11.3	62	52	1.29			-10.7	-11.3		398333.74	6906669.58	1140
8042728	27/08/2016	185742	41	N	1137.5		24	-18.1	-13.3	59	49	1.23			-18.1	-13.3		398340.31	6906682.69	1141
8042728	27/08/2016	185818	41	N	1150		24	-22.2	-12.2	65	46	1.27			-22.2	-12.2		398344.57	6906688.3	1136
8042728	27/08/2016	185854	41	N	1162.5		24	-26.6	-11.5	69	41	1.27			-26.6	-11.5		398352.83	6906697.68	1131
8042728	27/08/2016	185926	41	N	1175		24	-29.1	-10	71	36	1.27			-29.1	-10		398359.15	6906706.86	1128
8042728	27/08/2016	190002	41	N	1187.5		24	-38.3	-14.2	59	43	1.16			-38.3	-14.2		398366.9	6906717.07	1127
8042728	27/08/2016	190038	41	N	1200		24	-40.5	-15.9	60	36	1.11			-40.5	-15.9		398373.25	6906728.95	1123
8042728	27/08/2016	190122	41	N	1212.5		24	-41	-12.7	60	33	1.09			-41	-12.7		398382.07	6906741.35	1122
8042728	27/08/2016	190238	41	N	1225		24	-36.5	-12.2	56	35	1.05			-36.5	-12.2		398388.45	6906752.51	1119
8042728	27/08/2016	190314	41	N	1237.5		24	-35.8	-11.2	60	26	1.05			-35.8	-11.2		398392.41	6906761.26	1117
8042728	27/08/2016	190350	41	N	1250		24	-30.7	-9.1	58	29	1.04			-30.7	-9.1		398401.28	6906772.57	1113
8042728	27/08/2016	190430	41	N	1262.5		24	-26.4	-9.3	57	29	1.02			-26.4	-9.3		398406.58	6906781.92	1110
8042728	27/08/2016	190510	41	N	1275		24	-20.8	-7.6	65	23	1.09			-20.8	-7.6		398414.41	6906794.61	1106
8042728	27/08/2016	190550	41	N	1287.5		24	-18	-4.7	59	27	1.04			-18	-4.7		398420.44	6906805.88	1106
8042728	27/08/2016	190630	41	N	1300		24	-15.5	-7.3	62	23	1.06			-15.5	-7.3		398429.06	6906814.86	1102
8042728	27/08/2016	190710	41	N	1312.5		24	-12.5	-9.4	63	25	1.08			-12.5	-9.4		398437.43	6906823.38	1099
8042728	27/08/2016	190742	41	N	1325		24	-7.2	-10.1	60	27	1.05			-7.2	-10.1		398444.34	6906831.34	1097
8042728	27/08/2016	190822	41	N	1337.5		24	-5.3	-6.7	68	19	1.12			-5.3	-6.7		398449.83	6906838.74	1096

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	190910	41	N	1350		24	-2.3	-4.9	63	27	1.09			-2.3	-4.9		398457.53	6906850.28	1090
8042728	27/08/2016	190942	41	N	1362.5		24	-1	-6.1	61	31	1.09			-1	-6.1		398463.12	6906859.33	1091
8042728	27/08/2016	191018	41	N	1375		24	0.1	-7.6	64	26	1.11			0.1	-7.6		398472.19	6906866.6	1087
8042728	27/08/2016	191050	41	N	1387.5		24	0	-6.5	52	38	1.02	2					398475.06	6906877.83	1086
8042728	27/08/2016	191110	41	N	1387.5		24	-0.4	-6.3	59	33	1.08	1					398475.07	6906877.85	1086
8042728	27/08/2016	191138	41	N	1387.5		24	0.4	-5.8	59	33	1.09			0.4	-5.8		398474.88	6906878.06	1086
8042728	27/08/2016	191154	41	N	1387.5		24	0.5	-5.3	59	32	1.08	2					398474.7	6906878.25	1087
8042728	27/08/2016	191258	41	N	1400		24	0.9	-4	60	35	1.1			0.9	-4		398485.37	6906891.27	1081
8042728	27/08/2016	191326	41	N	1412.5		24	-2	-3.8	61	33	1.11			-2	-3.8		398491.21	6906896.96	1080
8042728	27/08/2016	191402	41	N	1425		24	-9.7	-7.3	58	37	1.1			-9.7	-7.3		398496.21	6906909.1	1078
8042728	27/08/2016	191430	41	N	1437.5		24	-13.7	-7.4	59	32	1.07			-13.7	-7.4		398502.09	6906920.05	1080
8042728	27/08/2016	191506	41	N	1450		24	-11.8	-6.1	58	33	1.06			-11.8	-6.1		398507.45	6906930.06	1072
8042728	27/08/2016	191602	41	N	1462.5		24	-20.6	-10.1	56	29	1.01			-20.6	-10.1		398519.62	6906939.68	1071
8042728	27/08/2016	191646	41	N	1475		24	-19.1	-11.7	56	28	1			-19.1	-11.7		398528.51	6906945.18	1067
8042728	27/08/2016	191934	41	N	1487.5	Accidental, Delete	24	-19.1	-10.1	57	27	1.01	9					398531.15	6906949.55	1065
8042728	27/08/2016	192038	41	N	1487.5		24	-19	-9.3	55	27	0.97			-19	-9.3		398537.9	6906960.51	1063
8042728	27/08/2016	192114	41	N	1500		24	-13.9	-11.3	54	26	0.96			-13.9	-11.3		398541.43	6906970.61	1059
8042728	27/08/2016	192150	41	N	1512.5		24	-8.3	-8	54	25	0.95			-8.3	-8		398549.21	6906981.26	1056
8042728	27/08/2016	192234	41	N	1525		24	-3.9	-8.2	54	25	0.96			-3.9	-8.2		398554.33	6906991.8	1052
8042728	27/08/2016	192250	41	N	1525		24	-2.9	-6.6	51	29	0.93	1					398553.67	6906994.42	1057
8042728	27/08/2016	192330	41	N	1537.5		24	2.3	-5.5	58	22	0.98			2.3	-5.5		398561.43	6907004.46	1049
8042728	27/08/2016	192406	41	N	1550		24	3	-3.5	54	26	0.95			3	-3.5		398569.94	6907011.59	1046
8042728	27/08/2016	192438	41	N	1562.5		24	6.9	-7	58	21	0.98			6.9	-7		398575.24	6907019.23	1045
8042728	27/08/2016	192510	41	N	1575		24	11.4	-6.1	56	27	1			11.4	-6.1		398582.48	6907029.38	1040
8042728	27/08/2016	192554	41	N	1587.5		24	12.8	-7.6	57	25	1	1					398590.28	6907038.04	1040
8042728	27/08/2016	192614	41	N	1587.5		24	11.1	-5.9	59	24	1.02			11.1	-5.9		398590.17	6907038.35	1040
8042728	27/08/2016	192706	41	N	1600		24	13.8	-7.4	58	26	1.01			13.8	-7.4		398597.8	6907048.79	1041
8042728	27/08/2016	192810	41	N	1612.5		24	16.4	-7.4	57	29	1.03	1					398606.28	6907059.23	1043
8042728	27/08/2016	192826	41	N	1612.5		24	13.9	-5.7	61	23	1.04			13.9	-5.7		398605.91	6907059.3	1044
8042728	27/08/2016	192914	41	N	1625		24	16.5	-9.9	52	33	0.99			16.5	-9.9		398611.42	6907067.61	1045
8042728	27/08/2016	193002	41	N	1637.5		24	16.8	-10.1	55	29	0.99			16.8	-10.1		398616.88	6907077.74	1050
8042728	27/08/2016	193046	41	N	1650		24	21.5	-6.1	47	35	0.94			21.5	-6.1		398619.68	6907087.79	1051
8042728	27/08/2016	193154	41	N	1662.5		24	21.8	-5.6	115	61	1.04			21.8	-5.6		398628.96	6907099.47	1059
8042728	27/08/2016	193242	41	N	1675		24	25.6	-4.8	124	55	1.08			25.6	-4.8		398637.34	6907109.36	1063
8042728	27/08/2016	193322	41	N	1687.5		24	27.3	-1.8	57	33	1.04			27.3	-1.8		398641.93	6907122.2	1069
8042728	27/08/2016	193410	41	N	1700		24	30.5	2.4	57	39	1.1			30.5	2.4		398647.31	6907130.68	1062
8042728	27/08/2016	193454	41	N	1712.5		24	26	2.3	70	32	1.23			26	2.3		398653.16	6907138.53	1064
8042728	27/08/2016	193534	41	N	1725		24	14.6	-4.1	72	37	1.29			14.6	-4.1		398660.76	6907149.97	1064
8042728	27/08/2016	193614	41	N	1737.5		24	2.8	-8.8	83	14	1.34			2.8	-8.8		398668.56	6907158.35	1063
8042728	27/08/2016	193838	41	N	1750		24	-1.9	-9.9	75	28	1.28			-1.9	-9.9		398677.22	6907165.42	1067
8042728	27/08/2016	193914	41	N	1762.5		24	-5.8	-12.3	80	15	1.3			-5.8	-12.3		398686.96	6907174.2	1067
8042728	27/08/2016	193942	41	N	1775		24	-5	-10.3	76	18	1.24			-5	-10.3		398694.82	6907183.97	1066
8042728	27/08/2016	194010	41	N	1787.5		24	-2.3	-9.6	71	24	1.2			-2.3	-9.6		398702.54	6907193.17	1068
8042728	27/08/2016	194046	41	N	1800		24	2.8	-7.5	66	30	1.16			2.8	-7.5		398709.75	6907205.51	1066
8042728	27/08/2016	194122	41	N	1812.5		24	6.1	-6.2	62	37	1.16			6.1	-6.2		398716.7	6907215.34	1068
8042728	27/08/2016	194202	41	N	1825		24	1.3	-7.2	61	37	1.14			1.3	-7.2		398723.82	6907230.4	1078
8042728	27/08/2016	194238	41	N	1837.5		24	4.7	-5.8	54	43	1.1			4.7	-5.8		398728.15	6907236.95	1068
8042728	27/08/2016	194314	41	N	1850		24	8.7	-2.8	59	43	1.17			8.7	-2.8		398733.96	6907249.03	1068
8042728	27/08/2016	194346	41	N	1862.5		24	0.2	-8.5	68	35	1.22			0.2	-8.5		398740.98	6907258.26	1070
8042728	27/08/2016	194418	41	N	1875		24	0.7	-8.4	71	30	1.24			0.7	-8.4		398749.1	6907267.46	1070
8042728	27/08/2016	194458	41	N	1887.5		24	-0.8	-9.6	72	25	1.22			-0.8	-9.6		398756.25	6907276.39	1070
8042728	27/08/2016	194534	41	N	1900		24	3.4	-6.6	71	26	1.2			3.4	-6.6		398762.35	6907286.98	1069
8042728	27/08/2016	194554	41	N	1900		24	2.5	-6.5	70	28	1.2	1					398762.29	6907286.76	1069
8042728	27/08/2016	194630	41	N	1912.5		24	4.6	-3.6	75	20	1.25			4.6	-3.6		398769.94	6907298.87	1074
8042728	27/08/2016	194702	41	N	1925		24	5.9	-2.8	78	27	1.32			5.9	-2.8		398779.27	6907305.29	1071
8042728	27/08/2016	194738	41	N	1937.5		24	5.2	-2.1	82	15	1.33			5.2	-2.1		398790.41	6907311.48	1070
8042728	27/08/2016	194814	41	N	1950		24	6.5	-3	65	38	1.21			6.5	-3		398793.56	6907322.72	1072

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	195046	41	N	1962.5		24	7.9	-2.8	62	41	1.18			7.9	-2.8		398796.84	6907333.59	1072
8042728	27/08/2016	195114	41	N	1975		24	6.7	-1.6	59	46	1.2	1					398801.63	6907347.51	1075
8042728	27/08/2016	195130	41	N	1975		24	7.8	-1.8	60	47	1.22			7.8	-1.8		398803.65	6907347.08	1079
8042728	27/08/2016	195202	41	N	1987.5		24	3.3	-5.3	67	40	1.24			3.3	-5.3		398811.49	6907358.26	1079
8042728	27/08/2016	195230	41	N	2000		24	1.2	-6.6	73	30	1.26	1					398817.5	6907367.58	1078
8042728	27/08/2016	195250	41	N	2000		24	2.4	-4	64	39	1.2			2.4	-4	better fit	398817.25	6907366.99	1077
8042728	27/08/2016	195318	41	N	2012.5		24	5.8	-3.7	57	45	1.16			5.8	-3.7		398821.49	6907380.1	1080
8042728	27/08/2016	195350	41	N	2025		24	7.8	-1.5	69	35	1.24			7.8	-1.5		398831.58	6907388.64	1079
8042728	27/08/2016	195418	41	N	2037.5		24	5.9	-1.7	70	38	1.27			5.9	-1.7		398838.77	6907398.91	1081
8042728	27/08/2016	195446	41	N	2050		24	5.7	-2.3	76	34	1.33			5.7	-2.3		398845.38	6907407.59	1081
8042728	27/08/2016	195518	41	N	2062.5		24	0.7	-2.2	77	35	1.36			0.7	-2.2		398851.65	6907417.93	1080
8042728	27/08/2016	195546	41	N	2075		24	-12.3	-8.3	66	47	1.29			-12.3	-8.3		398858.2	6907428.09	1079
8042728	27/08/2016	195618	41	N	2087.5		24	-14.2	-7.6	68	42	1.28			-14.2	-7.6		398868.4	6907437.2	1077
8042728	27/08/2016	195646	41	N	2100		24	-11.5	-6.2	75	34	1.31			-11.5	-6.2		398875.25	6907446.35	1078
8042728	27/08/2016	195714	41	N	2112.5		24	-12.2	-5.7	72	33	1.26			-12.2	-5.7		398882.9	6907454.78	1078
8042728	27/08/2016	195746	41	N	2125		24	-11.7	-4.6	76	37	1.35			-11.7	-4.6		398891.6	6907468.72	1078
8042728	27/08/2016	195818	41	N	2137.5		24	-8.9	-4.6	72	31	1.25			-8.9	-4.6		398900.54	6907477.28	1077
8042728	27/08/2016	195854	41	N	2150		24	-10.8	-3.5	66	36	1.2			-10.8	-3.5		398905.63	6907488.12	1075
8042728	27/08/2016	195926	41	N	2162.5		24	-10.4	-5.3	69	30	1.21			-10.4	-5.3		398912.71	6907500.02	1075
8042728	27/08/2016	200002	41	N	2175		24	-9.6	-6.6	67	32	1.18			-9.6	-6.6		398918.16	6907509.39	1072
8042728	27/08/2016	200034	41	N	2187.5		24	-8.1	-6.3	66	31	1.17			-8.1	-6.3		398925.59	6907518.91	1071
8042728	27/08/2016	200054	41	N	2187.5		24	-6.9	-6.1	64	33	1.15	1					398925.87	6907519.28	1072
8042728	27/08/2016	200126	41	N	2200		24	-6.7	-5.6	66	32	1.17			-6.7	-5.6		398933.22	6907527.66	1071
8042728	27/08/2016	200202	41	N	2212.5		24	-4.7	-3.6	70	29	1.21			-4.7	-3.6		398941.03	6907538.57	1069
8042728	27/08/2016	200230	41	N	2225		24	-4.3	-4.4	68	30	1.18			-4.3	-4.4		398947.86	6907545.59	1067
8042728	27/08/2016	200302	41	N	2237.5		24	-8.4	-6.7	67	37	1.22			-8.4	-6.7		398955.84	6907556.62	1065
8042728	27/08/2016	200334	41	N	2250		24	-10	-8.4	70	28	1.2			-10	-8.4		398963.03	6907566.41	1063
8042728	27/08/2016	200402	41	N	2262.5		24	-11.7	-11.3	64	35	1.17			-11.7	-11.3		398969.69	6907576.26	1059
8042728	27/08/2016	200434	41	N	2275		24	-12	-10.5	66	31	1.17			-12	-10.5		398976.44	6907585.03	1056
8042728	27/08/2016	200506	41	N	2287.5		24	-14.6	-11	65	33	1.16			-14.6	-11		398982.44	6907594.71	1054
8042728	27/08/2016	200546	41	N	2300		24	-14.9	-11.7	62	32	1.12			-14.9	-11.7		398990.76	6907605.73	1051
8042728	27/08/2016	200618	41	N	2312.5		24	-16.3	-14.4	63	31	1.12			-16.3	-14.4		398996.59	6907614.87	1047
8042728	27/08/2016	200706	41	N	2325		24	-18.6	-14.8	61	30	1.08			-18.6	-14.8		399002.49	6907624.22	1042
8042728	27/08/2016	200746	41	N	2337.5		24	-18.4	-13.7	61	29	1.08			-18.4	-13.7		399008.45	6907634.23	1037
8042728	27/08/2016	200818	41	N	2350		24	-17.8	-11.9	61	28	1.07	1					399016.29	6907644.2	1032
8042728	27/08/2016	200834	41	N	2350		24	-18.6	-12.3	62	26	1.08	1					399016.3	6907644.32	1032
8042728	27/08/2016	200850	41	N	2350		24	-18.4	-12.7	65	25	1.1			-18.4	-12.7		399016.48	6907644.41	1032
1124844	27/08/2016	173714	43	N	0		24	-8.9	6.1	98	65	0.93	1					397850.8	6905642.38	1216
1124844	27/08/2016	173658	43	N	0		24	-8.9	6.3	98	74	0.98	1					397850.9	6905642.31	1216
1124844	27/08/2016	173638	43	N	0		24	-8.7	5.6	98	77	0.99			-8.7	5.6		397851.14	6905642.03	1216
1124844	27/08/2016	173910	43	N	12.5		24	-1.5	8.3	98	91	1.07			-1.5	8.3		397858.52	6905652.94	1217
1124844	27/08/2016	173946	43	N	25		24	3	11.1	98	78	1			3	11.1		397864.97	6905664.19	1218
1124844	27/08/2016	174026	43	N	37.5		24	-0.9	9.2	97	69	0.94			-0.9	9.2		397872.44	6905672.9	1219
1124844	27/08/2016	174106	43	N	50		24	-2	10.6	94	61	0.89			-2	10.6		397880.43	6905682.16	1221
1124844	27/08/2016	174150	43	N	62.5		24	-3.9	8.3	89	70	0.9			-3.9	8.3		397888.06	6905693.07	1221
1124844	27/08/2016	174226	43	N	75		24	-0.9	11.1	98	66	0.93			-0.9	11.1		397894.43	6905704.45	1223
1124844	27/08/2016	174310	43	N	87.5		24	4.7	16	94	76	0.96			4.7	16		397901.97	6905713.19	1225
1124844	27/08/2016	174406	43	N	100		24	5	12.6	92	71	0.92	1					397909.05	6905724.05	1226
1124844	27/08/2016	174346	43	N	100		24	3.8	15.6	86	79	0.92			3.8	15.6		397908.74	6905723.88	1226
1124844	27/08/2016	174446	43	N	112.5		24	3	15.5	88	73	0.91			3	15.5		397917.13	6905733.88	1227
1124844	27/08/2016	174534	43	N	125		24	12	20.1	92	73	0.93			12	20.1		397925.35	6905744.2	1229
1124844	27/08/2016	174614	43	N	137.5		24	9.3	20.9	92	62	0.88			9.3	20.9		397928.69	6905755	1231
1124844	27/08/2016	174650	43	N	150		24	5	16.5	92	58	0.86			5	16.5		397936.96	6905764.69	1233
1124844	27/08/2016	174738	43	N	162.5		24	0.9	15.2	98	55	0.89			0.9	15.2		397944.67	6905774.72	1235
1124844	27/08/2016	174818	43	N	175		24	-1.6	13.3	86	50	0.79			-1.6	13.3		397952.98	6905783.26	1236
1124844	27/08/2016	174910	43	N	187.5		24	-4.8	10.2	93	47	0.83			-4.8	10.2		397959.55	6905793.74	1238
1124844	27/08/2016	174950	43	N	200		24	-7.7	10.8	92	43	0.81			-7.7	10.8		397966.49	6905803.12	1239

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	175026	43	N	212.5		24	-10.2	9	91	57	0.85			-10.2	9		397973.49	6905812.94	1241
1124844	27/08/2016	175118	43	N	225		24	-14.7	4	89	59	0.85			-14.7	4		397982.66	6905822.86	1242
1124844	27/08/2016	175350	43	N	237.5		24	-21.1	3.1	97	59	0.91			-21.1	3.1		397990.71	6905831.26	1243
1124844	27/08/2016	175438	43	N	250		24	-22.2	4.3	98	49	0.87			-22.2	4.3		397997.98	6905842.24	1244
1124844	27/08/2016	175530	43	N	262.5		24	-26.7	0.1	98	49	0.87			-26.7	0.1		398006.05	6905852.75	1246
1124844	27/08/2016	175626	43	N	275		24	-30.1	-1.7	97	68	0.94			-30.1	-1.7		398010.02	6905864.2	1249
1124844	27/08/2016	175610	43	N	275		24	-30.4	-0.9	98	64	0.93	1					398010.12	6905864.16	1249
1124844	27/08/2016	175706	43	N	287.5		24	-34.8	-3.2	95	70	0.94			-34.8	-3.2		398016.99	6905875.92	1250
1124844	27/08/2016	1826	43	N	287.5		24	-36.3	-8.1	93	48	0.83	1					398017.51	6905878.49	1250
1124844	27/08/2016	175750	43	N	300		24	-36.4	-3	94	83	1			-36.4	-3		398022.53	6905886.01	1252
1124844	27/08/2016	1902	43	N	300		24	-38.8	-10	93	52	0.85	1					398024.1	6905888.88	1251
1124844	27/08/2016	175826	43	N	312.5		24	-39.6	-7	97	82	1.01			-39.6	-7		398030.48	6905896.44	1253
1124844	27/08/2016	1938	43	N	312.5		24	-38.6	-11.4	87	67	0.87	1					398032.18	6905898.76	1253
1124844	27/08/2016	175910	43	N	325		24	-22.2	-1.2	99	93	1.08			-22.2	-1.2		398037.77	6905908.33	1255
1124844	27/08/2016	2014	43	N	325		24	-22.7	-2.6	95	74	0.96	1					398038.38	6905908.8	1254
1124844	27/08/2016	175958	43	N	337.5	Near Truck, could have influence.	24	-19.2	-6.3	93	76	0.95			-19.2	-6.3		398046.25	6905917.64	1256
1124844	27/08/2016	2050	43	N	337.5		24	-21.6	-5.8	98	52	0.88	1					398046.2	6905918.88	1254
1124844	27/08/2016	180254	43	N	350		24	-26.8	-11.3	98	73	0.97			-26.8	-11.3		398052.52	6905929.86	1258
1124844	27/08/2016	2130	43	N	350		24	-26.3	-12.1	95	58	0.89	1					398052.47	6905929.92	1257
1124844	27/08/2016	180402	43	N	362.5		24	-29.3	-22.7	81	79	0.9			-29.3	-22.7		398058.34	6905938.26	1261
1124844	27/08/2016	2214	43	N	362.5		24	-32.8	-22.3	97	50	0.87	1					398059.48	6905938.76	1260
1124844	27/08/2016	180454	43	N	375		24	-38	-29.6	88	77	0.93			-38	-29.6		398065.88	6905948.93	1263
1124844	27/08/2016	2306	43	N	375		24	-39.8	-29.5	99	45	0.86	1					398066.34	6905948.71	1262
1124844	27/08/2016	180642	43	N	387.5		24	-43	-22.8	98	71	0.96			-43	-22.8		398075.04	6905960.99	1265
1124844	27/08/2016	2354	43	N	387.5		24	-39.2	-26.2	99	63	0.93	1					398073.98	6905957.98	1264
1124844	27/08/2016	180726	43	N	400		24	-33.2	-17.9	97	94	1.07			-33.2	-17.9		398079.71	6905969.55	1266
1124844	27/08/2016	180814	43	N	412.5		24	-30.1	-13.9	94	98	1.08			-30.1	-13.9		398086.19	6905979.87	1268
1124844	27/08/2016	180934	43	N	425		24	-15.5	-9.7	98	92	1.07			-15.5	-9.7		398094.19	6905990.42	1270
1124844	27/08/2016	180914	43	N	425		24	-14.9	-9.7	99	94	1.09	1					398094.33	6905990.34	1269
1124844	27/08/2016	180854	43	N	425		24	-13.1	-6.6	99	96	1.1	1					398094.44	6905989.9	1269
1124844	27/08/2016	181026	43	N	437.5		24	-3.4	-5.7	98	86	1.04			-3.4	-5.7		398103.16	6905999.81	1271
1124844	27/08/2016	181226	43	N	450	Points Drift off to the East	24	-12.1	-10.4	91	95	1.04	1					398118.65	6906003.1	1272
1124844	27/08/2016	181158	43	N	450	Points Drift off to the East	24	-1.1	-12.7	98	38	0.83	9				bad point	398115.77	6906005.81	1272
1124844	27/08/2016	181134	43	N	450	Points Drift off to the East	24	-3	-10.4	98	83	1.02	1					398112.42	6906008.4	1272
1124844	27/08/2016	181102	43	N	450	Points Drift off to the East	24	-3.2	-10.2	98	92	1.07			-3.2	-10.2		398110.74	6906009.62	1272
1124844	27/08/2016	181702	43	N	462.5		24	7.5	-4.6	99	93	1.08			7.5	-4.6		398116.24	6906021.33	1274
1124844	27/08/2016	181742	43	N	475		24	10.9	-2.4	99	97	1.1			10.9	-2.4		398124.14	6906032.12	1275
1124844	27/08/2016	181818	43	N	487.5		24	16.4	-2.2	98	85	1.03			16.4	-2.2		398130.64	6906042.46	1276
1124844	27/08/2016	181906	43	N	500		24	28	3.4	98	90	1.06			28	3.4		398138.17	6906053.76	1276
1124844	27/08/2016	181942	43	N	512.5		24	29	4.1	98	81	1.01			29	4.1		398146.1	6906064.39	1275
1124844	27/08/2016	182014	43	N	525		24	28.7	-2.3	98	78	0.99			28.7	-2.3		398153.09	6906075.45	1274
1124844	27/08/2016	182118	43	N	537.5		24	30.6	1.8	98	83	1.02			30.6	1.8		398159.04	6906086	1273
1124844	27/08/2016	182058	43	N	537.5		24	29.2	-0.7	98	79	1	1					398158.58	6906086.22	1273
1124844	27/08/2016	182150	43	N	550		24	32.8	1.9	98	66	0.94			32.8	1.9		398167.24	6906097.26	1271
1124844	27/08/2016	182222	43	N	562.5		24	27.3	-1.4	98	67	0.95			27.3	-1.4		398175.14	6906107.87	1270
1124844	27/08/2016	182258	43	N	575		24	24.5	-3.9	97	69	0.95			24.5	-3.9		398183.62	6906116.94	1268
1124844	27/08/2016	182350	43	N	587.5		24	19.6	-7	98	68	0.95	1					398190.65	6906126.64	1265
1124844	27/08/2016	182330	43	N	587.5		24	21	-6.3	98	64	0.93			21	-6.3		398190.75	6906126.77	1265
1124844	27/08/2016	182422	43	N	600		24	20.7	-7.3	94	71	0.94			20.7	-7.3		398197.19	6906137.7	1263
1124844	27/08/2016	182454	43	N	612.5		24	18.8	-8.6	97	70	0.95			18.8	-8.6		398204.66	6906148.09	1259
1124844	27/08/2016	182522	43	N	625		24	17.2	-8	97	67	0.93			17.2	-8		398211.71	6906158.81	1256
1124844	27/08/2016	182550	43	N	637.5		24	14.2	-5.8	90	74	0.92			14.2	-5.8		398219.57	6906166.13	1253
1124844	27/08/2016	182634	43	N	650		24	9.9	-8.1	96	68	0.93			9.9	-8.1		398226.5	6906177.46	1250
1124844	27/08/2016	182710	43	N	662.5		24	8.5	-11.5	94	78	0.97			8.5	-11.5		398233.38	6906184.83	1248
1124844	27/08/2016	182742	43	N	675		24	9.9	-7.3	90	84	0.98			9.9	-7.3		398241.21	6906193.91	1244
1124844	27/08/2016	182818	43	N	687.5		24	9.2	-5.8	98	78	0.99			9.2	-5.8		398250.42	6906204.08	1241
1124844	27/08/2016	183258	43	N	700		24	7.8	-7.9	98	78	1			7.8	-7.9		398257.42	6906216.39	1237

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	183238	43	N	700		24	7.6	-7.3	98	79	1	1					398257.51	6906216.21	1237
1124844	27/08/2016	183326	43	N	712.5		24	8.1	-4.5	97	78	0.99			8.1	-4.5		398263.65	6906224.33	1235
1124844	27/08/2016	183354	43	N	725		24	8	-8.3	98	78	1			8	-8.3		398269.64	6906233.76	1233
1124844	27/08/2016	183422	43	N	737.5		24	6.8	-6.2	98	77	0.99			6.8	-6.2		398277.29	6906244.28	1229
1124844	27/08/2016	183454	43	N	750		24	4.7	-6.1	97	82	1.01			4.7	-6.1		398285.29	6906254.37	1226
1124844	27/08/2016	183526	43	N	762.5		24	5.3	-2.9	97	85	1.02			5.3	-2.9		398291.85	6906262.82	1223
1124844	27/08/2016	183558	43	N	775		24	4	-4.9	98	78	1			4	-4.9		398298.87	6906273.81	1221
1124844	27/08/2016	183626	43	N	787.5		24	7	-0.6	98	84	1.03			7	-0.6		398305.14	6906281.63	1218
1124844	27/08/2016	183658	43	N	800		24	8	-1.1	98	72	0.96			8	-1.1		398313.48	6906290.95	1215
1124844	27/08/2016	183730	43	N	812.5		24	11.6	3.6	98	77	0.99			11.6	3.6		398321.62	6906301.74	1211
1124844	27/08/2016	183802	43	N	825		24	13	7.1	98	78	0.99			13	7.1		398329.97	6906312.61	1208
1124844	27/08/2016	183834	43	N	837.5		24	15.5	7.1	98	82	1.01			15.5	7.1		398337.17	6906322.66	1204
1124844	27/08/2016	183922	43	N	850		24	21.7	9.2	98	71	0.96	1					398343.26	6906331.66	1202
1124844	27/08/2016	183906	43	N	850		24	23.3	14	98	74	0.98			23.3	14		398343.21	6906331.81	1202
1124844	27/08/2016	183950	43	N	862.5		24	23.2	14	97	87	1.04			23.2	14		398349.28	6906341.64	1199
1124844	27/08/2016	184026	43	N	875		24	29.2	16.6	98	74	0.97			29.2	16.6		398356.82	6906353.59	1196
1124844	27/08/2016	184058	43	N	887.5		24	30.8	19.9	98	70	0.96			30.8	19.9		398363.56	6906362.84	1193
1124844	27/08/2016	184130	43	N	900		24	28.1	23.1	98	67	0.94			28.1	23.1		398370.81	6906372.08	1190
1124844	27/08/2016	184218	43	N	912.5		24	30.5	17.3	98	68	0.94			30.5	17.3		398377.16	6906383	1187
1124844	27/08/2016	184334	43	N	925		24	30.5	27.3	98	40	0.84			30.5	27.3		398384.02	6906393.78	1184
1124844	27/08/2016	184406	43	N	937.5		24	24.9	20.6	98	41	0.84			24.9	20.6		398390.11	6906402.32	1181
1124844	27/08/2016	184446	43	N	950		24	20.7	19.1	98	24	0.8			20.7	19.1		398398.33	6906413.19	1176
1124844	27/08/2016	184546	43	N	962.5		24	13.7	18.6	98	42	0.85	1					398403.26	6906421.91	1174
1124844	27/08/2016	184518	43	N	962.5		24	15.7	18.9	95	50	0.85			15.7	18.9		398403.58	6906422.13	1173
1124844	27/08/2016	184618	43	N	975		24	10.6	14.5	98	40	0.84			10.6	14.5		398410.91	6906432.28	1169
1124844	27/08/2016	184654	43	N	987.5		24	7.5	9.1	98	40	0.84			7.5	9.1		398417.53	6906442.36	1165
1124844	27/08/2016	184726	43	N	1000		24	0.3	10.4	98	41	0.84			0.3	10.4		398423.27	6906451.14	1162
1124844	27/08/2016	184838	43	N	1012.5		24	-4.2	7.6	98	38	0.83	1					398430.98	6906460.52	1158
1124844	27/08/2016	184810	43	N	1012.5		24	-2.9	9.2	96	48	0.85			-2.9	9.2		398431.7	6906460	1157
1124844	27/08/2016	184934	43	N	1025		24	-6.4	5.2	94	60	0.89	1					398438.62	6906470.21	1153
1124844	27/08/2016	184918	43	N	1025		24	-4	5.7	92	68	0.91			-4	5.7		398438.94	6906470.23	1153
1124844	27/08/2016	185058	43	N	1037.5		24	-9.3	4.3	98	60	0.91	2					398444.36	6906481.03	1149
1124844	27/08/2016	185038	43	N	1037.5		24	-8	4.7	98	51	0.88	1					398443.97	6906481.36	1148
1124844	27/08/2016	185014	43	N	1037.5		24	-7.9	5.5	98	61	0.92			-7.9	5.5		398444.13	6906481.63	1148
1124844	27/08/2016	185138	43	N	1050		24	-10.7	2.7	98	55	0.89			-10.7	2.7		398450.06	6906490.77	1144
1124844	27/08/2016	185214	43	N	1062.5		24	-11.7	1.8	94	69	0.93			-11.7	1.8		398455.64	6906501.51	1140
1124844	27/08/2016	185250	43	N	1075		24	-7.6	3.4	98	68	0.95			-7.6	3.4		398462.55	6906512.18	1137
1124844	27/08/2016	185322	43	N	1087.5		24	-0.2	6.6	95	74	0.96			-0.2	6.6		398470.39	6906520.61	1134
1124844	27/08/2016	185402	43	N	1100		24	11.3	8.6	98	70	0.96			11.3	8.6		398476.81	6906530.93	1130
1124844	27/08/2016	185518	43	N	1112.5		24	18.8	14.7	98	75	0.98			18.8	14.7		398481.19	6906540.99	1129
1124844	27/08/2016	185458	43	N	1112.5		24	17.9	11.4	98	61	0.92	1					398481.17	6906540.92	1129
1124844	27/08/2016	185434	43	N	1112.5		24	17.2	13.2	95	72	0.95	1					398481.22	6906540.67	1129
1124844	27/08/2016	185558	43	N	1125		24	27.3	8.9	92	66	0.9			27.3	8.9		398491.76	6906549.74	1125
1124844	27/08/2016	185658	43	N	1137.5		24	22.4	8.1	98	50	0.87	1					398498.2	6906560.06	1122
1124844	27/08/2016	185638	43	N	1137.5		24	21.8	6.6	98	55	0.89			21.8	6.6		398499.19	6906559.04	1121
1124844	27/08/2016	185730	43	N	1150		24	19.3	7.9	86	60	0.83			19.3	7.9		398507.96	6906568.44	1120
1124844	27/08/2016	185806	43	N	1162.5		24	16.9	7.9	90	51	0.83			16.9	7.9		398513.18	6906578	1118
1124844	27/08/2016	185838	43	N	1175		24	11.3	5	94	55	0.87			11.3	5		398519.35	6906589.03	1114
1124844	27/08/2016	185946	43	N	1187.5		24	7.4	1.1	98	55	0.89			7.4	1.1		398527.04	6906599.14	1110
1124844	27/08/2016	190054	43	N	1200		24	6.5	1.6	98	58	0.91	1					398533.81	6906608.47	1109
1124844	27/08/2016	190038	43	N	1200		24	6	0.2	97	60	0.91	1					398533.84	6906608.45	1108
1124844	27/08/2016	190018	43	N	1200		24	7.1	2.5	98	60	0.91			7.1	2.5		398533.96	6906608.37	1108
1124844	27/08/2016	190126	43	N	1212.5		24	7.2	-0.2	83	73	0.88			7.2	-0.2		398541.75	6906618.6	1105
1124844	27/08/2016	190226	43	N	1225		24	15.9	3.7	97	79	0.99			15.9	3.7		398548.83	6906630.2	1104
1124844	27/08/2016	190254	43	N	1237.5		24	22.5	7.4	95	72	0.95			22.5	7.4		398555.31	6906638.05	1101
1124844	27/08/2016	190326	43	N	1250		24	27.2	10.2	86	63	0.85			27.2	10.2		398562.31	6906648.39	1098
1124844	27/08/2016	190418	43	N	1262.5		24	25.8	8.5	89	60	0.85			25.8	8.5		398567.22	6906658.07	1094

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	190358	43	N	1262.5		24	26.6	11.2	85	62	0.83	1					398566.9	6906658.49	1095
1124844	27/08/2016	190514	43	N	1275		24	24.4	5.3	96	56	0.89			24.4	5.3		398574.46	6906669.71	1090
1124844	27/08/2016	190454	43	N	1275		24	24.2	4.1	96	58	0.89	1					398574.47	6906668.96	1089
1124844	27/08/2016	190546	43	N	1287.5		24	26	8.7	96	52	0.87			26	8.7		398581.02	6906679.92	1087
1124844	27/08/2016	190622	43	N	1300		24	24.8	9.6	85	47	0.77			24.8	9.6		398588.01	6906689.33	1083
1124844	27/08/2016	190730	43	N	1312.5		24	20.3	5	92	49	0.83	1					398596.19	6906698.37	1081
1124844	27/08/2016	190658	43	N	1312.5		24	19.9	4.4	97	42	0.84			19.9	4.4		398596.33	6906698.44	1081
1124844	27/08/2016	190802	43	N	1325		24	19.4	4	78	50	0.74			19.4	4		398602.73	6906708.2	1077
1124844	27/08/2016	190902	43	N	1337.5		24	16.6	0.4	83	47	0.76	1					398609.79	6906717.59	1074
1124844	27/08/2016	190838	43	N	1337.5		24	15.8	2.4	82	51	0.77			15.8	2.4		398609.75	6906717.63	1074
1124844	27/08/2016	191018	43	N	1350		24	11.5	2.3	85	44	0.76	1					398617.84	6906727.31	1069
1124844	27/08/2016	190958	43	N	1350		24	13.3	3.2	87	43	0.77	2					398617.89	6906726.97	1070
1124844	27/08/2016	190938	43	N	1350		24	9.4	3	94	27	0.78			9.4	3		398617.92	6906726.77	1070
1124844	27/08/2016	191054	43	N	1362.5		24	8.1	-0.4	82	49	0.76			8.1	-0.4		398624.47	6906738.24	1064
1124844	27/08/2016	191126	43	N	1375		24	9.2	4.6	88	40	0.77			9.2	4.6		398629.51	6906747.7	1062
1124844	27/08/2016	191158	43	N	1387.5		24	12.8	8.2	86	38	0.75			12.8	8.2		398637.04	6906758.48	1061
1124844	27/08/2016	191234	43	N	1400		24	7.6	6.4	90	51	0.82			7.6	6.4		398644.06	6906767.24	1059
1124844	27/08/2016	191642	43	N	1412.5		24	4.1	4.5	98	44	0.85			4.1	4.5		398650.91	6906778.83	1057
1124844	27/08/2016	191718	43	N	1425		24	4.9	2.9	93	64	0.9			4.9	2.9		398658.85	6906790.13	1055
1124844	27/08/2016	191806	43	N	1437.5		24	7.9	2.9	88	64	0.87			7.9	2.9		398664.6	6906797.41	1051
1124844	27/08/2016	191750	43	N	1437.5		24	6.1	3.8	83	67	0.85	1					398664.45	6906798.13	1053
1124844	27/08/2016	191934	43	N	1450		24	14.4	9.8	98	65	0.94			14.4	9.8		398671.67	6906808.61	1050
1124844	27/08/2016	191842	43	N	1450		24	14.8	9.5	98	65	0.93			14.8	9.5		398671.83	6906808.37	1050
1124844	27/08/2016	192014	43	N	1462.5		24	30.1	17.1	92	58	0.87			30.1	17.1		398679.2	6906818.58	1047
1124844	27/08/2016	192058	43	N	1475		24	33.4	17.8	92	44	0.81			33.4	17.8		398688.24	6906827.96	1045
1124844	27/08/2016	192138	43	N	1487.5		24	33.1	11.2	95	53	0.86			33.1	11.2		398695.88	6906836.22	1041
1124844	27/08/2016	192222	43	N	1500		24	35.2	6.2	81	50	0.76			35.2	6.2		398702.8	6906845	1038
1124844	27/08/2016	192318	43	N	1512.5		24	28.1	4.9	87	44	0.78			28.1	4.9		398710.96	6906855.8	1036
1124844	27/08/2016	192434	43	N	1525		24	24.4	4.2	92	29	0.77			24.4	4.2		398717.32	6906866.68	1035
1124844	27/08/2016	192526	43	N	1537.5		24	20.8	2.9	75	38	0.67			20.8	2.9		398721.57	6906878.65	1034
1124844	27/08/2016	192646	43	N	1550		24	15.5	-2.2	85	34	0.73			15.5	-2.2		398725.91	6906888.21	1032
1124844	27/08/2016	192722	43	N	1562.5		24	8.5	-5	96	26	0.79			8.5	-5		398732.1	6906897.5	1031
1124844	27/08/2016	192758	43	N	1575		24	6	-10.7	80	30	0.68			6	-10.7		398739.73	6906907.27	1029
1124844	27/08/2016	192838	43	N	1587.5		24	0.3	-14.2	81	31	0.69			0.3	-14.2		398748.39	6906916.67	1025
1124844	27/08/2016	192914	43	N	1600		24	-2.5	-16.6	71	36	0.64			-2.5	-16.6		398755.39	6906927.09	1022
1124844	27/08/2016	193046	43	N	1612.5		24	-10.3	-16.7	76	33	0.66			-10.3	-16.7		398764.25	6906934.71	1020
1124844	27/08/2016	193202	43	N	1625		24	-9	-14	85	41	0.75			-9	-14		398770.71	6906943.5	1025
1124844	27/08/2016	193338	43	N	1637.5		24	-11	-22.4	82	39	0.72			-11	-22.4		398776.94	6906954.03	1030
1124844	27/08/2016	193426	43	N	1650		24	-10.8	-16.8	72	59	0.74			-10.8	-16.8		398780.86	6906964.43	1034
1124844	27/08/2016	193514	43	N	1662.5		24	-11.2	-17.3	84	50	0.78			-11.2	-17.3		398787.14	6906975.44	1038
1124844	27/08/2016	193642	43	N	1675		24	-11	-17.7	77	57	0.77			-11	-17.7		398794.11	6906983.2	1039
1124844	27/08/2016	193814	43	N	1687.5		24	-8.8	-18.2	76	61	0.78			-8.8	-18.2		398803.07	6906993.66	1036
1124844	27/08/2016	193850	43	N	1700		24	0.6	-16.6	74	63	0.77			0.6	-16.6		398808.72	6907003.84	1035
1124844	27/08/2016	193950	43	N	1712.5	Close to next station, Possible GPS issue	24	4.7	-15.8	68	63	0.74			4.7	-15.8		398815.82	6907020.39	1041
1124844	27/08/2016	194034	43	N	1725		24	4.2	-16.7	76	55	0.75			4.2	-16.7		398821.72	6907024.18	1041
1124844	27/08/2016	194118	43	N	1737.5		24	2.4	-15.3	91	39	0.78			2.4	-15.3		398828.4	6907033.69	1043
1124844	27/08/2016	194214	43	N	1750		24	0	-13.8	89	48	0.81			0	-13.8		398835.63	6907043.62	1050
1124844	27/08/2016	194318	43	N	1762.5		24	-1.8	-18.4	81	51	0.76			-1.8	-18.4		398842.79	6907052.58	1051
1124844	27/08/2016	194358	43	N	1775		24	-4.5	-16	78	58	0.77			-4.5	-16		398850.76	6907065.15	1054
1124844	27/08/2016	194430	43	N	1787.5		24	-5.9	-13.8	88	54	0.82			-5.9	-13.8		398857.65	6907074.81	1055
1124844	27/08/2016	194510	43	N	1800		24	-5.5	-11.1	75	66	0.79			-5.5	-11.1		398864.22	6907083.9	1055
1124844	27/08/2016	194542	43	N	1812.5		24	-1.5	-7.7	82	62	0.82			-1.5	-7.7		398873.04	6907093.81	1058
1124844	27/08/2016	194614	43	N	1825		24	-5.2	-9.2	87	55	0.82			-5.2	-9.2		398881.48	6907103.07	1057
1124844	27/08/2016	194650	43	N	1837.5		24	-9.9	-11.7	95	43	0.83			-9.9	-11.7		398890.06	6907112.84	1059
1124844	27/08/2016	194726	43	N	1850		24	-10.5	-11.6	90	62	0.87			-10.5	-11.6		398895.71	6907123.46	1059
1124844	27/08/2016	194814	43	N	1862.5		24	-8.8	-7.6	96	50	0.86			-8.8	-7.6		398901.63	6907135.61	1058
1124844	27/08/2016	194850	43	N	1875		24	-9.9	-8.1	88	64	0.87			-9.9	-8.1		398910.21	6907144.39	1057

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	195050	43	N	1887.5		24	-12.2	-10.3	97	52	0.87			-12.2	-10.3		398917.54	6907152.19	1056
1124844	27/08/2016	195126	43	N	1900		24	-11.9	-10.7	81	72	0.86			-11.9	-10.7		398922	6907165.84	1060
1124844	27/08/2016	195158	43	N	1912.5		24	-10.6	-6.6	97	68	0.94			-10.6	-6.6		398930.52	6907176.55	1061
1124844	27/08/2016	195238	43	N	1925		24	-5.2	-2.1	97	60	0.91			-5.2	-2.1		398939.39	6907186.87	1060
1124844	27/08/2016	195310	43	N	1937.5		24	-4.2	-2.8	79	71	0.84			-4.2	-2.8		398942.81	6907194.74	1060
1124844	27/08/2016	195342	43	N	1950		24	-12.7	-9.5	75	79	0.87			-12.7	-9.5		398947.5	6907207.89	1061
1124844	27/08/2016	195418	43	N	1962.5		24	-14.3	-12.2	93	75	0.95			-14.3	-12.2		398958.19	6907215.69	1060
1124844	27/08/2016	195450	43	N	1975		24	-7.6	-3.7	95	83	1			-7.6	-3.7		398965.06	6907225.51	1062
1124844	27/08/2016	195526	43	N	1987.5		24	-0.1	1.7	98	65	0.94			-0.1	1.7		398972.62	6907235.64	1063
1124844	27/08/2016	195602	43	N	2000		24	5.8	2	98	76	0.98			5.8	2		398979.09	6907244.56	1064
1124844	27/08/2016	195634	43	N	2012.5		24	5.2	3.9	98	57	0.9			5.2	3.9		398989.3	6907253.67	1064
1124844	27/08/2016	195718	43	N	2025		24	7.8	-0.3	74	77	0.85			7.8	-0.3		398993.91	6907263.32	1061
1124844	27/08/2016	195750	43	N	2037.5		24	4.1	-3.4	73	83	0.88			4.1	-3.4		398998.85	6907272.82	1060
1124844	27/08/2016	195822	43	N	2050		24	2.3	-6.2	64	82	0.83			2.3	-6.2		399004.73	6907285.44	1061
1124844	27/08/2016	195902	43	N	2062.5		24	1.4	-5.1	91	67	0.9			1.4	-5.1		399011.31	6907297.08	1061
1124844	27/08/2016	195942	43	N	2075		24	-1.8	-8.3	97	62	0.91			-1.8	-8.3		399023.21	6907304	1058
1124844	27/08/2016	200022	43	N	2087.5		24	-2.2	-6.8	96	64	0.92			-2.2	-6.8		399030.6	6907316.61	1059
1124844	27/08/2016	200102	43	N	2100		24	-1.9	-8.1	91	78	0.95			-1.9	-8.1		399037.86	6907327.02	1058
1124844	27/08/2016	200134	43	N	2112.5		24	5.9	1.9	98	71	0.96			5.9	1.9		399042.87	6907336.08	1059
1124844	27/08/2016	200210	43	N	2125		24	5.8	-0.8	96	71	0.95			5.8	-0.8		399049.2	6907348.76	1059
1124844	27/08/2016	200246	43	N	2137.5		24	3.4	-0.5	97	64	0.93			3.4	-0.5		399055.78	6907356.04	1059
1124844	27/08/2016	200322	43	N	2150		24	1.3	-1.5	98	66	0.94			1.3	-1.5		399065.87	6907365.71	1059
1124844	27/08/2016	200354	43	N	2162.5		24	0.2	-2	96	72	0.96			0.2	-2		399074.12	6907374.91	1058
1124844	27/08/2016	200430	43	N	2175		24	1.8	-2	98	70	0.95			1.8	-2		399080.73	6907386.28	1057
1124844	27/08/2016	200510	43	N	2187.5		24	2.1	-1.5	98	62	0.92			2.1	-1.5		399088.92	6907396.39	1057
1124844	27/08/2016	200550	43	N	2200		24	1.5	-3.5	93	74	0.95			1.5	-3.5		399097.8	6907407.36	1056
1124844	27/08/2016	200622	43	N	2212.5		24	3.1	-2.7	95	76	0.97			3.1	-2.7		399101.76	6907418.05	1054
1124844	27/08/2016	200702	43	N	2225		24	6.8	1.7	98	73	0.97			6.8	1.7		399107.61	6907427.91	1052
1124844	27/08/2016	200734	43	N	2237.5		24	8.2	0.7	97	79	1			8.2	0.7		399114.23	6907439.09	1051
1124844	27/08/2016	200806	43	N	2250		24	11.1	1.1	98	73	0.97			11.1	1.1		399120.35	6907449.79	1049
1124844	27/08/2016	200838	43	N	2262.5		24	15.6	1.4	95	81	0.99			15.6	1.4		399127.46	6907460.53	1046
1124844	27/08/2016	200918	43	N	2275		24	19.5	1.7	92	82	0.98			19.5	1.7		399136.95	6907468.96	1046
1124844	27/08/2016	201010	43	N	2287.5		24	22.5	5.7	98	72	0.96			22.5	5.7		399145.06	6907478.43	1044
1124844	27/08/2016	201106	43	N	2300		24	27.4	9.5	98	63	0.93			27.4	9.5		399154.55	6907488.55	1041
1124844	27/08/2016	201134	43	N	2312.5		24	28.7	9.8	98	62	0.92			28.7	9.8		399158.16	6907495.16	1038
1124844	27/08/2016	201206	43	N	2325		24	31.9	7.2	87	71	0.89			31.9	7.2		399163.26	6907508.66	1037
1124844	27/08/2016	201302	43	N	2337.5		24	31.3	7.7	92	67	0.9			31.3	7.7		399172	6907518.35	1035
1124844	27/08/2016	201358	43	N	2350		24	26.9	11	98	34	0.82			26.9	11		399182.21	6907530.96	1031
1124844	27/08/2016	201514	43	N	2362.5		24	27.5	10	98	37	0.83	1					399191.36	6907542.31	1028
1124844	27/08/2016	201446	43	N	2362.5		24	24.2	6.4	98	40	0.84			24.2	6.4		399190.29	6907541.2	1028
1124844	27/08/2016	235534	45	N	0		24	-15.3	2	97	56	0.89			-15.3	2		398013	6905529.37	1243
1124844	27/08/2016	235458	45	N	12.5		24	-15.8	3.1	94	53	0.86			-15.8	3.1		398022.62	6905539.05	1243
1124844	27/08/2016	235426	45	N	25		24	-17.4	-1	99	51	0.88			-17.4	-1		398030.03	6905548.77	1243
1124844	27/08/2016	235350	45	N	37.5		24	-18.9	1.5	87	66	0.87			-18.9	1.5		398038.33	6905559.26	1241
1124844	27/08/2016	235318	45	N	50		24	-20	0	98	54	0.89			-20	0		398044.93	6905568.66	1241
1124844	27/08/2016	235250	45	N	62.5		24	-17	0.8	99	51	0.89			-17	0.8		398053.31	6905578.81	1240
1124844	27/08/2016	235218	45	N	75		24	-13.9	3.8	99	49	0.88			-13.9	3.8		398060.06	6905587.56	1241
1124844	27/08/2016	235142	45	N	87.5		24	-15.9	5.1	99	44	0.86			-15.9	5.1		398066.84	6905598.62	1240
1124844	27/08/2016	235106	45	N	100		24	-18	2.3	96	60	0.9			-18	2.3		398075.59	6905606.78	1240
1124844	27/08/2016	235026	45	N	112.5		24	-17.8	6.3	91	73	0.92			-17.8	6.3		398082.59	6905617.58	1241
1124844	27/08/2016	234942	45	N	125		24	-14.5	10.3	93	69	0.92			-14.5	10.3		398088.88	6905628.6	1242
1124844	27/08/2016	234902	45	N	137.5		24	-17.6	7.8	95	57	0.88			-17.6	7.8		398095.78	6905640.2	1242
1124844	27/08/2016	234818	45	N	150		24	-19.7	5.4	96	57	0.89			-19.7	5.4		398100.91	6905651.06	1242
1124844	27/08/2016	234726	45	N	162.5		24	-23.7	2.5	96	58	0.89			-23.7	2.5		398107.98	6905661.13	1243
1124844	27/08/2016	234650	45	N	175		24	-27.4	1.1	91	67	0.9			-27.4	1.1		398115.1	6905670.82	1243
1124844	27/08/2016	234614	45	N	187.5		24	-29.7	-0.1	95	68	0.93			-29.7	-0.1		398121.44	6905679.87	1243
1124844	27/08/2016	234538	45	N	200		24	-33.4	-2.5	92	75	0.94			-33.4	-2.5		398127.58	6905689.39	1244

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	234434	45	N	212.5		24	-31.8	-3.2	99	72	0.98			-31.8	-3.2		398135.45	6905701.85	1245
1124844	27/08/2016	234358	45	N	225		24	-15.5	11	99	73	0.98			-15.5	11		398142.06	6905711.77	1245
1124844	27/08/2016	234322	45	N	237.5		24	-10.5	13.3	99	65	0.94			-10.5	13.3		398149.35	6905721.34	1245
1124844	27/08/2016	233718	45	N	250		24	-12.7	11.6	100	73	0.98			-12.7	11.6		398156.83	6905731.44	1245
1124844	27/08/2016	233630	45	N	262.5		24	-16.6	7.4	100	71	0.97			-16.6	7.4		398162.77	6905741.37	1245
1124844	27/08/2016	233554	45	N	275		24	-19.1	-0.3	100	78	1.01			-19.1	-0.3		398171.55	6905750.85	1246
1124844	27/08/2016	233518	45	N	287.5		24	-20.1	0.7	100	79	1.01			-20.1	0.7		398177.6	6905760.1	1246
1124844	27/08/2016	233430	45	N	300		24	-12.6	1.1	100	93	1.09			-12.6	1.1		398186.9	6905772.74	1248
1124844	27/08/2016	233350	45	N	312.5		24	7.3	10.1	100	100	1.12			7.3	10.1		398191.95	6905783.72	1248
1124844	27/08/2016	233318	45	N	325		24	9.2	7.3	100	86	1.05			9.2	7.3		398199.33	6905792.19	1249
1124844	27/08/2016	233242	45	N	337.5		24	12.6	7.2	100	92	1.08			12.6	7.2		398206.3	6905804.04	1249
1124844	27/08/2016	233206	45	N	350		24	16.1	5.1	100	66	0.95			16.1	5.1		398213.25	6905814.08	1250
1124844	27/08/2016	233034	45	N	362.5		24	18.6	0	99	72	0.98			18.6	0		398220.27	6905823.45	1251
1124844	27/08/2016	232950	45	N	375		24	23.1	-3.1	100	78	1			23.1	-3.1		398229.11	6905833.49	1251
1124844	27/08/2016	232914	45	N	387.5		24	23.1	-8.1	99	80	1.01			23.1	-8.1		398236.63	6905844.69	1250
1124844	27/08/2016	232842	45	N	400		24	19.1	-13.1	100	68	0.96			19.1	-13.1		398243.23	6905853.72	1249
1124844	27/08/2016	232810	45	N	412.5		24	17	-14.9	100	73	0.98			17	-14.9		398251.31	6905864.34	1248
1124844	27/08/2016	232730	45	N	425		24	17	-17.7	99	54	0.9			17	-17.7		398259.02	6905872.82	1247
1124844	27/08/2016	232554	45	N	437.5		24	15.3	-18.3	99	78	1.01			15.3	-18.3		398268.13	6905883.35	1245
1124844	27/08/2016	232514	45	N	450		24	27.4	-13.2	100	65	0.94			27.4	-13.2		398275.3	6905894.92	1242
1124844	27/08/2016	232438	45	N	462.5		24	30.7	-10.6	91	87	1.01			30.7	-10.6		398282.07	6905903.61	1240
1124844	27/08/2016	232402	45	N	475		24	27.9	-9.9	99	82	1.02			27.9	-9.9		398288.38	6905913.57	1238
1124844	27/08/2016	232326	45	N	487.5		24	25.4	-11.8	96	79	0.99			25.4	-11.8		398295.2	6905924.88	1237
1124844	27/08/2016	232250	45	N	500		24	25.7	-14.2	99	73	0.98			25.7	-14.2		398300.45	6905935.41	1235
1124844	27/08/2016	232206	45	N	512.5		24	23.9	-13.7	100	68	0.96			23.9	-13.7		398306.95	6905945.3	1235
1124844	27/08/2016	232126	45	N	525		24	20.2	-14.9	95	72	0.95			20.2	-14.9		398314.92	6905955.08	1234
1124844	27/08/2016	232038	45	N	537.5		24	18.4	-16.3	99	62	0.93			18.4	-16.3		398321.29	6905964.51	1232
1124844	27/08/2016	231842	45	N	550		24	15.2	-16.9	99	58	0.91			15.2	-16.9		398329.42	6905976.21	1230
1124844	27/08/2016	231730	45	N	562.5		24	11.3	-17.8	85	75	0.9			11.3	-17.8		398335.93	6905986.63	1228
1124844	27/08/2016	231650	45	N	575		24	9.6	-16.7	98	66	0.94			9.6	-16.7		398340.88	6905996.89	1228
1124844	27/08/2016	231606	45	N	587.5		24	-4.8	-12.4	45	66	0.63			-4.8	-12.4		398348.34	6906006.69	1226
1124844	27/08/2016	231526	45	N	600		24	5.7	-22.3	99	56	0.91			5.7	-22.3		398357.14	6906015.64	1224
1124844	27/08/2016	231414	45	N	612.5		24	5.4	-20.5	99	54	0.9			5.4	-20.5		398361.77	6906024.14	1223
1124844	27/08/2016	231302	45	N	625		24	1.5	-24.7	99	46	0.86			1.5	-24.7		398370.78	6906034.91	1219
1124844	27/08/2016	231206	45	N	637.5		24	-1.6	-23.1	99	69	0.96			-1.6	-23.1		398376.62	6906044.76	1218
1124844	27/08/2016	231122	45	N	650		24	-2.4	-28.6	99	52	0.89			-2.4	-28.6		398385.01	6906054.1	1215
1124844	27/08/2016	231030	45	N	662.5		24	-6.7	-26	98	76	0.99			-6.7	-26		398393.06	6906062.82	1214
1124844	27/08/2016	230954	45	N	675		24	-3.8	-23.5	99	53	0.9			-3.8	-23.5		398400.57	6906072.27	1212
1124844	27/08/2016	230922	45	N	687.5		24	12	-3.4	99	69	0.96			12	-3.4		398408.6	6906082.61	1210
1124844	27/08/2016	230846	45	N	700		24	14.4	-0.3	99	66	0.95			14.4	-0.3		398413.64	6906091.22	1208
1124844	27/08/2016	230806	45	N	712.5		24	15.7	-0.5	99	35	0.84			15.7	-0.5		398422.98	6906103.77	1206
1124844	27/08/2016	230726	45	N	725		24	15.3	2.5	99	65	0.94			15.3	2.5		398430.66	6906113.01	1204
1124844	27/08/2016	230642	45	N	737.5		24	10.5	-1.7	99	54	0.89			10.5	-1.7		398435.28	6906125.27	1204
1124844	27/08/2016	230558	45	N	750		24	10.2	-1.1	99	55	0.9			10.2	-1.1		398444.95	6906135.15	1202
1124844	27/08/2016	230522	45	N	762.5		24	7.1	-3.3	99	47	0.87			7.1	-3.3		398452.16	6906145.24	1199
1124844	27/08/2016	230442	45	N	775		24	6.8	-2.8	99	64	0.94			6.8	-2.8		398458.55	6906154.18	1197
1124844	27/08/2016	230358	45	N	787.5		24	8.5	-2.2	99	41	0.85			8.5	-2.2		398466.35	6906162.96	1194
1124844	27/08/2016	230302	45	N	800		24	5.2	-2.5	99	74	0.98			5.2	-2.5		398474.16	6906174.48	1191
1124844	27/08/2016	230214	45	N	812.5		24	2.3	-2.1	96	74	0.96			2.3	-2.1		398480.46	6906183.71	1189
1124844	27/08/2016	230130	45	N	825		24	3.6	-4	99	39	0.85			3.6	-4		398487.55	6906192.4	1186
1124844	27/08/2016	225842	45	N	837.5		24	-0.6	-3.4	99	55	0.9			-0.6	-3.4		398495.96	6906202.97	1184
1124844	27/08/2016	225754	45	N	850		24	-3.3	-4.7	99	59	0.92			-3.3	-4.7		398501.8	6906210.84	1182
1124844	27/08/2016	225702	45	N	862.5		24	-5.7	-4	98	83	1.02			-5.7	-4		398513.2	6906224.96	1179
1124844	27/08/2016	225614	45	N	875		24	-2.6	-2.4	99	59	0.92			-2.6	-2.4		398518.81	6906235.97	1177
1124844	27/08/2016	225534	45	N	887.5		24	-2.4	-1.5	99	61	0.93			-2.4	-1.5		398524.51	6906246.09	1175
1124844	27/08/2016	225450	45	N	900		24	-2	-0.2	99	73	0.98			-2	-0.2		398530.86	6906259.38	1172
1124844	27/08/2016	225354	45	N	912.5		24	-9.3	-1.2	99	70	0.96			-9.3	-1.2		398537.6	6906269.36	1171

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	225318	45	N	925		24	-8.9	1.9	99	69	0.96			-8.9	1.9		398545.49	6906279.12	1169
1124844	27/08/2016	225238	45	N	937.5		24	-3.4	4.6	99	76	0.99			-3.4	4.6		398551.41	6906290.63	1168
1124844	27/08/2016	225150	45	N	950		24	0.4	1.5	99	87	1.05			0.4	1.5		398560.22	6906301.09	1164
1124844	27/08/2016	225106	45	N	962.5		24	12.2	4.4	99	81	1.02			12.2	4.4		398567.3	6906310.1	1162
1124844	27/08/2016	225014	45	N	975		24	16	4.1	99	78	1			16	4.1		398574.73	6906320.97	1159
1124844	27/08/2016	224930	45	N	987.5		24	21	-0.1	101	96	1.1			21	-0.1		398580.74	6906332.17	1157
1124844	27/08/2016	224846	45	N	1000		24	33.5	-0.1	100	97	1.11			33.5	-0.1		398586.92	6906342.91	1155
1124844	27/08/2016	224738	45	N	1012.5		24	56.1	8.1	99	81	1.02			56.1	8.1		398595.35	6906353.82	1155
1124844	27/08/2016	224654	45	N	1025		24	67.1	12.9	99	69	0.96			67.1	12.9		398602.08	6906363.8	1153
1124844	27/08/2016	224610	45	N	1037.5		24	72.5	20.1	99	36	0.84			72.5	20.1		398610.66	6906375.34	1151
1124844	27/08/2016	224518	45	N	1050		24	63.6	19.7	99	41	0.85			63.6	19.7		398619.5	6906384.07	1147
1124844	27/08/2016	224438	45	N	1062.5		24	53.8	13.4	99	48	0.88			53.8	13.4		398627.22	6906394.77	1146
1124844	27/08/2016	224402	45	N	1075		24	50.3	14.1	99	50	0.88			50.3	14.1		398634.36	6906404.76	1145
1124844	27/08/2016	224226	45	N	1087.5		24	49.8	17.9	99	31	0.82			49.8	17.9		398644.07	6906417.01	1142
1124844	27/08/2016	224150	45	N	1100		24	42.7	14	99	48	0.88			42.7	14		398650.48	6906427.03	1140
1124844	27/08/2016	224026	45	N	1112.5		24	47.5	15	99	17	0.8			47.5	15		398656.31	6906436.6	1137
1124844	27/08/2016	223938	45	N	1125		24	42.9	20.1	99	51	0.89			42.9	20.1		398665.54	6906449.15	1136
1124844	27/08/2016	223858	45	N	1137.5		24	39.3	21.2	99	37	0.84			39.3	21.2		398671.41	6906459.43	1133
1124844	27/08/2016	223814	45	N	1150		24	37.7	20.4	99	31	0.82			37.7	20.4		398678.59	6906468.48	1130
1124844	27/08/2016	223730	45	N	1162.5		24	30	14	99	62	0.93			30	14		398687.24	6906478.43	1127
1124844	27/08/2016	223646	45	N	1175		24	30.3	15.1	99	48	0.88			30.3	15.1		398693.81	6906491.22	1124
1124844	27/08/2016	223610	45	N	1187.5		24	27.9	15	99	51	0.88			27.9	15		398700.47	6906500.85	1120
1124844	27/08/2016	223522	45	N	1200		24	28.2	10.8	99	50	0.88			28.2	10.8		398707.2	6906510.58	1117
1124844	27/08/2016	223442	45	N	1212.5		24	22.4	7.6	98	61	0.92			22.4	7.6		398712.84	6906523.37	1115
1124844	27/08/2016	223402	45	N	1225		24	23	6.8	99	47	0.87			23	6.8		398717.95	6906532.23	1112
1124844	27/08/2016	223322	45	N	1237.5		24	19.8	2.8	99	55	0.9			19.8	2.8		398725.64	6906543.75	1110
1124844	27/08/2016	223238	45	N	1250		24	28.8	9.3	99	53	0.89			28.8	9.3		398735.7	6906552.33	1105
1124844	27/08/2016	223146	45	N	1262.5		24	27.6	9.6	97	66	0.93			27.6	9.6		398741.49	6906559.46	1104
1124844	27/08/2016	223046	45	N	1275		24	26.2	10.1	99	46	0.87			26.2	10.1		398750.81	6906570.77	1101
1124844	27/08/2016	223006	45	N	1287.5		24	22.2	6.5	98	57	0.9			22.2	6.5		398755.51	6906581.82	1099
1124844	27/08/2016	222914	45	N	1300		24	25.1	9.4	99	40	0.85			25.1	9.4		398761.25	6906592.26	1096
1124844	27/08/2016	222826	45	N	1312.5		24	21.4	8.5	94	61	0.89			21.4	8.5		398768.62	6906603.87	1093
1124844	27/08/2016	222714	45	N	1325		24	19.6	6.7	98	49	0.87			19.6	6.7		398773.67	6906612.89	1090
1124844	27/08/2016	222630	45	N	1337.5		24	17.6	7.6	99	31	0.82			17.6	7.6		398780.79	6906624.23	1087
1124844	27/08/2016	222550	45	N	1350		24	15.6	5.2	99	40	0.85			15.6	5.2		398787.05	6906634.79	1084
1124844	27/08/2016	222510	45	N	1362.5		24	14.6	3.3	99	31	0.82			14.6	3.3		398796.77	6906643.87	1082
1124844	27/08/2016	222434	45	N	1375		24	9.8	2.7	98	45	0.86			9.8	2.7		398804.08	6906653.72	1080
1124844	27/08/2016	222358	45	N	1387.5		24	5.4	0.2	96	54	0.88			5.4	0.2		398810.9	6906665	1077
1124844	27/08/2016	222322	45	N	1400		24	2.9	0.5	99	23	0.81			2.9	0.5		398817.83	6906674.54	1076
1124844	27/08/2016	222246	45	N	1412.5		24	2.8	2.8	99	43	0.86			2.8	2.8		398828.81	6906683.35	1072
1124844	27/08/2016	222214	45	N	1425		24	4.4	3.8	99	61	0.92			4.4	3.8		398832.75	6906693.76	1069
1124844	27/08/2016	222138	45	N	1437.5		24	7	6.2	99	42	0.85			7	6.2		398838.3	6906705.36	1067
1124844	27/08/2016	222054	45	N	1450		24	10.6	9.4	99	43	0.86			10.6	9.4		398845.69	6906714.53	1063
1124844	27/08/2016	222006	45	N	1462.5		24	9.3	7.4	99	31	0.82			9.3	7.4		398855.07	6906726.65	1062
1124844	27/08/2016	221926	45	N	1475		24	8.3	6.3	99	48	0.87			8.3	6.3		398861.32	6906735.13	1057
1124844	27/08/2016	221850	45	N	1487.5		24	8.8	7.9	99	24	0.81			8.8	7.9		398869.2	6906743.36	1057
1124844	27/08/2016	221802	45	N	1500		24	2.8	5.3	93	59	0.87			2.8	5.3		398877.17	6906754.8	1056
1124844	27/08/2016	221722	45	N	1512.5		24	1.8	2.8	96	57	0.89			1.8	2.8		398884.04	6906765.9	1055
1124844	27/08/2016	221646	45	N	1525		24	0.5	0.6	99	51	0.88			0.5	0.6		398891.06	6906775.53	1052
1124844	27/08/2016	221602	45	N	1537.5		24	-5.1	1.7	84	72	0.88			-5.1	1.7		398897.6	6906786.45	1052
1124844	27/08/2016	221518	45	N	1550		24	-3.7	0	99	47	0.87			-3.7	0		398904.33	6906794.95	1045
1124844	27/08/2016	221426	45	N	1562.5		24	-2.1	4.1	99	47	0.87			-2.1	4.1		398910.96	6906804.56	1039
1124844	27/08/2016	221346	45	N	1575		24	-1.9	5.5	99	52	0.89			-1.9	5.5		398920.11	6906810.72	1033
1124844	27/08/2016	221310	45	N	1587.5		24	0	6	97	65	0.93			0	6		398925.56	6906822.62	1034
1124844	27/08/2016	221226	45	N	1600		24	5.7	7.6	93	67	0.91			5.7	7.6		398933.67	6906834.77	1038
1124844	27/08/2016	221138	45	N	1612.5		24	17	8.9	98	59	0.91			17	8.9		398941.12	6906845.36	1038
1124844	27/08/2016	221046	45	N	1625		24	19	10.5	82	66	0.83			19	10.5		398948.1	6906855.38	1033

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	220822	45	N	1637.5		24	19.5	10.3	98	44	0.85			19.5	10.3		398954.64	6906864.85	1028
1124844	27/08/2016	220706	45	N	1650		24	17.9	7.9	86	53	0.8			17.9	7.9		398962.85	6906875.95	1030
1124844	27/08/2016	220630	45	N	1662.5		24	15.5	7.6	94	44	0.82			15.5	7.6		398971.14	6906884.94	1023
1124844	27/08/2016	220550	45	N	1675		24	14.9	7.8	85	48	0.77			14.9	7.8		398976.86	6906895.06	1020
1124844	27/08/2016	220506	45	N	1687.5		24	12.3	7.6	86	40	0.75			12.3	7.6		398983.2	6906906.1	1017
1124844	27/08/2016	220426	45	N	1700		24	11.1	5.3	85	34	0.73			11.1	5.3		398990.68	6906916.65	1014
1124844	27/08/2016	220354	45	N	1712.5		24	6.6	2.3	82	38	0.72			6.6	2.3		398996.67	6906925.58	1011
1124844	27/08/2016	220322	45	N	1725		24	2.3	0.1	88	25	0.73			2.3	0.1		399004.86	6906935.16	1009
1124844	27/08/2016	220226	45	N	1737.5		24	0	-3.5	89	25	0.73			0	-3.5		399013.39	6906945.04	1008
1124844	27/08/2016	220150	45	N	1750		24	-3.6	-7.1	89	22	0.73			-3.6	-7.1		399021.86	6906954.09	1009
1124844	27/08/2016	220038	45	N	1762.5		24	-8.9	-9.4	76	38	0.67			-8.9	-9.4		399027.98	6906965.52	1007
1124844	27/08/2016	215958	45	N	1775		24	-11	-6.5	65	56	0.68			-11	-6.5		399033.51	6906975.55	1008
1124844	27/08/2016	215930	45	N	1787.5		24	-14.6	-11.1	74	45	0.69			-14.6	-11.1		399037.53	6906986.68	1013
1124844	27/08/2016	215838	45	N	1800		24	-17.6	-12.7	84	39	0.74			-17.6	-12.7		399041.27	6906994.99	1009
1124844	27/08/2016	215750	45	N	1812.5		24	-19.4	-12	81	48	0.75			-19.4	-12		399047.02	6907003.56	1011
1124844	27/08/2016	215710	45	N	1825		24	-20.1	-11.3	84	50	0.78			-20.1	-11.3		399056.25	6907010.55	1013
1124844	27/08/2016	215638	45	N	1837.5		24	-19.4	-8.8	89	45	0.79			-19.4	-8.8		399064.41	6907023.18	1014
1124844	27/08/2016	215558	45	N	1850		24	-21.6	-8.9	81	56	0.79			-21.6	-8.9		399071.14	6907034.92	1015
1124844	27/08/2016	215506	45	N	1862.5		24	-15.5	-5.5	97	41	0.84			-15.5	-5.5		399080.64	6907045.46	1013
1124844	27/08/2016	215422	45	N	1875		24	-16.6	0.1	84	57	0.81			-16.6	0.1		399088.47	6907052.98	1013
1124844	27/08/2016	215342	45	N	1887.5		24	-20.2	-3.2	86	46	0.77			-20.2	-3.2		399096.21	6907065.13	1016
1124844	27/08/2016	215318	45	N	1900	GPS Points Drift East, other operator also took point here	24	-22.8	-5.3	91	46	0.81			-22.8	-5.3	best fit	399101.86	6907071.59	1017
1124844	27/08/2016	215258	45	N	1900	GPS Points Drift East, other operator also took point here	24	-23	-4.4	90	42	0.79	1					399102.12	6907073.2	1014
8042728	27/08/2016	215134	45	N	1900	Taken using different unit	24	-12.3	-7.7	114	-46	0.98	9				bad data point	399101.74	6907069.19	1020
1124844	27/08/2016	215230	45	N	1912.5		24	-23	-7.5	96	31	0.8			-23	-7.5		399110.69	6907081.6	1014
1124844	27/08/2016	215158	45	N	1925		24	-29.4	-8.1	81	54	0.78			-29.4	-8.1		399118.64	6907091.77	1018
1124844	27/08/2016	215126	45	N	1937.5		24	-31.1	-7.4	80	60	0.8			-31.1	-7.4		399124.29	6907104.79	1021
1124844	27/08/2016	215050	45	N	1950		24	-34.3	-7.8	81	59	0.8			-34.3	-7.8		399132.58	6907115.31	1021
1124844	27/08/2016	215006	45	N	1962.5		24	-32.9	-7.8	94	48	0.84			-32.9	-7.8		399139.4	6907124.8	1017
1124844	27/08/2016	214822	45	N	1962.5		24	-34.9	-5.8	91	51	0.83	1					399138.2	6907125.42	1021
1124844	27/08/2016	214750	45	N	1975		24	-36.1	-12.5	97	45	0.85			-36.1	-12.5		399145.87	6907135.53	1022
1124844	27/08/2016	214714	45	N	1987.5		24	-37	-10.6	93	56	0.86			-37	-10.6		399154.6	6907146.09	1019
1124844	27/08/2016	214642	45	N	2000		24	-37.6	-13.1	95	58	0.89			-37.6	-13.1		399159.43	6907155.4	1020
1124844	27/08/2016	214558	45	N	2012.5		24	-40.3	-15.3	98	43	0.85			-40.3	-15.3		399167.77	6907165.32	1020
1124844	27/08/2016	214522	45	N	2025		24	-36.8	-11.3	82	86	0.94			-36.8	-11.3		399174.1	6907173.32	1017
1124844	27/08/2016	214450	45	N	2037.5		24	-20.3	-5.9	98	86	1.04			-20.3	-5.9		399180.3	6907183.54	1018
1124844	27/08/2016	214414	45	N	2050		24	-9.9	4.4	98	74	0.98			-9.9	4.4		399185.98	6907194.75	1019
1124844	27/08/2016	214334	45	N	2062.5		24	-11.3	1.1	99	64	0.93			-11.3	1.1		399193.41	6907205.76	1019
1124844	27/08/2016	214302	45	N	2075		24	-17.1	-2.3	98	35	0.83			-17.1	-2.3		399200.42	6907215.43	1020
1124844	27/08/2016	214234	45	N	2087.5		24	-15.7	-4	98	49	0.87			-15.7	-4		399206.77	6907224.95	1021
1124844	27/08/2016	214202	45	N	2100		24	-18.7	-7.4	98	63	0.93			-18.7	-7.4		399216.78	6907236.75	1025
1124844	27/08/2016	214126	45	N	2112.5		24	-15.9	-4.2	98	61	0.92			-15.9	-4.2		399223.66	6907246.47	1023
1124844	27/08/2016	214058	45	N	2125		24	-12.6	-0.7	98	66	0.94			-12.6	-0.7		399230.32	6907256.42	1023
1124844	27/08/2016	214022	45	N	2137.5		24	-17.6	-1.5	96	63	0.91			-17.6	-1.5		399236.72	6907265.86	1026
1124844	27/08/2016	213954	45	N	2150		24	-19.7	-5.5	98	58	0.91			-19.7	-5.5		399243.26	6907278.19	1022
1124844	27/08/2016	213902	45	N	2162.5		24	-18.2	-7.3	98	39	0.84			-18.2	-7.3		399252.29	6907285.74	1022
1124844	27/08/2016	213826	45	N	2175		24	-16.9	-5	98	43	0.85			-16.9	-5		399259.22	6907295.62	1020
1124844	27/08/2016	213754	45	N	2187.5		24	-17.5	-5.5	98	52	0.88			-17.5	-5.5		399267.92	6907305.84	1019
1124844	27/08/2016	213726	45	N	2200		24	-19.2	-6.2	98	56	0.9			-19.2	-6.2		399274.98	6907314.76	1018
1124844	27/08/2016	213654	45	N	2212.5		24	-18.9	-5.5	98	59	0.91			-18.9	-5.5		399281.33	6907325.52	1017
1124844	27/08/2016	213626	45	N	2225		24	-21.8	-7.7	98	54	0.89			-21.8	-7.7		399287.62	6907336.3	1018
1124844	27/08/2016	213554	45	N	2237.5		24	-25.1	-8.7	98	50	0.88			-25.1	-8.7		399294.44	6907346.83	1019
1124844	27/08/2016	213522	45	N	2250		24	-18.7	-4.7	98	72	0.97			-18.7	-4.7		399300.07	6907357.69	1021
1124844	27/08/2016	213450	45	N	2262.5		24	-20.2	-4.5	98	22	0.8			-20.2	-4.5		399305.13	6907366.57	1021
1124844	27/08/2016	213418	45	N	2275		24	-19.9	-2.8	98	51	0.88			-19.9	-2.8		399314.45	6907378.06	1017
1124844	27/08/2016	213342	45	N	2287.5		24	-15	-0.9	98	55	0.89			-15	-0.9		399322.11	6907387.15	1015
1124844	27/08/2016	213306	45	N	2300		24	-11.5	-1.9	98	51	0.88			-11.5	-1.9		399328.23	6907397.89	1016

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	213218	45	N	2312.5		24	-3.3	1.3	98	52	0.88			-3.3	1.3		399334.96	6907408.82	1016
1124844	27/08/2016	213134	45	N	2325		24	5.9	1.2	98	24	0.8			5.9	1.2		399343.35	6907416.99	1015
1124844	27/08/2016	212734	45	N	2337.5		24	5.2	-1.4	98	48	0.87			5.2	-1.4		399354.26	6907423.91	1011
1124844	27/08/2016	212630	45	N	2350		24	9	2.1	98	46	0.86			9	2.1		399355.96	6907435.54	1013
1124844	27/08/2016	212606	45	N	2350		24	10.6	1.6	98	45	0.86	1					399356.3	6907436.2	1013
8042428	9/3/16	163106	58	N	500		24	-12.4	-7.1	58	60	1.34	0		-12.4	-7.1		395936.9	6908205.64	1160
8042428	42616	163122	58	N	500		24	-11.8	-7.1	57	60	1.33	1					395937.26	6908206.2	1159
8042428	42616	163222	58	N	500		24	-11.4	-4.8	64	57	1.37	1					395936.62	6908204.94	1159
8042428	42616	163302	58	N	512.5		24	-8.7	-6.3	59	58	1.33	0		-8.7	-6.3		395939.94	6908215.04	1161
8042428	42616	163514	58	N	525		24	-4.5	-4.2	79	41	1.43	0		-4.5	-4.2		395948.49	6908226.74	1163
8042428	42616	163554	58	N	537.5		24	-3.4	-3	78	42	1.42	0		-3.4	-3		395955.71	6908238.4	1165
8042428	42616	163710	58	N	550		24	0.4	-1.8	75	39	1.35	0		0.4	-1.8		395964.46	6908250.76	1167
8042428	42616	163750	58	N	562.5		24	-0.6	-0.6	70	45	1.33	0		-0.6	-0.6		395968.56	6908260.54	1168
8042428	42616	163830	58	N	575		24	3.7	2.9	79	34	1.37	0		3.7	2.9		395973.84	6908266.54	1171
8042428	42616	163942	58	N	587.5		24	1.7	2.2	72	38	1.3	0		1.7	2.2		395980.73	6908277.64	1172
8042428	42616	164046	58	N	600		24	0.8	0.9	73	34	1.28	0		0.8	0.9		395982.49	6908285.51	1174
8042428	42616	164142	58	N	612.5		24	-1.4	0.6	72	33	1.27	0		-1.4	0.6		395991.21	6908297.72	1176
8042428	42616	164218	58	N	625		24	-4.5	3.6	66	34	1.19	0		-4.5	3.6		395996.12	6908308.69	1177
8042428	42616	164254	58	N	637.5		24	-7.3	2.2	67	38	1.23	0		-7.3	2.2		396001.84	6908318.01	1179
8042428	42616	164346	58	N	650		24	-9.9	4.2	70	27	1.19	0		-9.9	4.2		396007.41	6908329.66	1181
8042428	42616	164426	58	N	662.5		24	-13.8	4.3	62	36	1.14	0		-13.8	4.3		396017.45	6908339.32	1180
8042428	42616	164514	58	N	675		24	-5.5	-5	55	44	1.12	0		-5.5	-5		396022.57	6908349.78	1182
8042428	42616	164554	58	N	687.5		24	-16.6	4.9	65	31	1.15	0		-16.6	4.9		396028.45	6908359.11	1183
8042428	42616	164634	58	N	700		24	-21.5	3.9	64	31	1.13	0		-21.5	3.9		396038.11	6908369.33	1186
8042428	42616	164738	58	N	712.5		24	-26	4.3	64	33	1.15	0		-26	4.3		396044.59	6908379.29	1191
8042428	42616	164818	58	N	725		24	-27.5	4.4	63	34	1.15	0		-27.5	4.4		396050.33	6908388.29	1189
8042428	42616	165002	58	N	737.5		24	-34.8	2.8	57	41	1.13	0		-34.8	2.8		396057.3	6908402.52	1191
8042428	42616	165050	58	N	750		24	-37.4	0.8	65	36	1.18	0		-37.4	0.8		396065.65	6908416.45	1193
8042428	42616	165122	58	N	762.5		24	-39.1	-0.9	64	37	1.18	0		-39.1	-0.9		396067.51	6908424.33	1195
8042428	42616	165206	58	N	775		24	-41.6	-2.3	69	35	1.23	0		-41.6	-2.3		396073.79	6908430.87	1193
8042428	42616	165242	58	N	787.5		24	-49.6	-5.7	51	54	1.19	0		-49.6	-5.7		396080.39	6908439.83	1195
8042428	42616	165310	58	N	787.5		24	-46.7	-5.4	57	51	1.22	1					396080.68	6908441.14	1192
8042428	42616	165430	58	N	800		24	-46.8	-7	55	62	1.31	0		-46.8	-7		396088.21	6908452.32	1196
8042428	42616	165450	58	N	800		24	-44.3	-5.5	59	60	1.35	1					396088.22	6908451.99	1197
8042428	42616	165538	58	N	812.5		24	-25.9	4.7	84	53	1.59	0		-25.9	4.7		396095.25	6908462.32	1196
8042428	42616	165618	58	N	825		24	-14.9	8.6	78	55	1.52	0		-14.9	8.6		396101.81	6908471.36	1195
8042428	42616	170318	58	N	837.5		24	-12.3	8.9	61	62	1.39	0		-12.3	8.9		396110.7	6908480.24	1198
8042428	42616	170422	58	N	850		24	-8.1	8.8	79	49	1.49	0		-8.1	8.8		396117.02	6908488.42	1198
8042428	42616	170510	58	N	862.5		24	-8.1	5.4	72	48	1.38	0		-8.1	5.4		396124.08	6908499.99	1197
8042428	42616	170558	58	N	875		24	-12.5	2.9	58	54	1.26	0		-12.5	2.9		396130.26	6908509.41	1202
8042428	42616	170654	58	N	887.5		24	-13.9	-0.7	57	58	1.3	0		-13.9	-0.7		396138.46	6908522.28	1201
8042428	42616	170730	58	N	900		24	-13.6	-1.5	66	52	1.35	0		-13.6	-1.5		396146.34	6908531.79	1201
8042428	42616	170806	58	N	912.5		24	-13.8	-1.5	71	49	1.38	0		-13.8	-1.5		396149.94	6908541.63	1202
8042428	42616	170854	58	N	925		24	-13.8	-1.5	75	48	1.42	0		-13.8	-1.5		396154.66	6908553.49	1205
8042428	42616	170938	58	N	937.5		24	-12.5	-3.7	80	46	1.47	0		-12.5	-3.7		396162.49	6908564.36	1208
8042428	42616	171026	58	N	950		24	-9.5	-3.4	75	49	1.43	0		-9.5	-3.4		396167.52	6908576.24	1207
8042428	42616	171118	58	N	962.5		24	-7.5	-3.8	74	51	1.44	0		-7.5	-3.8		396174.67	6908584.66	1209
8042428	42616	171210	58	N	975		24	-1.5	-3	90	36	1.54	0		-1.5	-3		396186.87	6908590	1211
8042428	42616	171318	58	N	987.5		24	-0.3	-2.3	88	36	1.52	0		-0.3	-2.3		396195.23	6908597.96	1211
8042428	42616	171430	58	N	1000		24	0	-4.9	82	40	1.45	0		0	-4.9		396203.03	6908607.27	1212
8042428	42616	171510	58	N	1012.5		24	-2.1	-6.9	79	46	1.47	0		-2.1	-6.9		396209.4	6908615.82	1212
8042428	42616	171550	58	N	1025		24	-4.2	-7.5	80	43	1.46	0		-4.2	-7.5		396217.21	6908626.75	1212
8042428	42616	171622	58	N	1037.5		24	-7.7	-10.8	81	46	1.48	0		-7.7	-10.8		396224.34	6908636.97	1214
8042428	42616	171714	58	N	1050		24	-4.9	-7.9	83	46	1.51	0		-4.9	-7.9		396230.01	6908647.1	1216
8042428	42616	171742	58	N	1062.5		24	-9.1	-6.5	83	53	1.57	0		-9.1	-6.5		396240.7	6908655.99	1217
8042428	42616	171814	58	N	1075		24	-6	-7.3	84	49	1.55	0		-6	-7.3		396243.74	6908666.05	1218
8042428	42616	171854	58	N	1087.5		24	-5.9	-8.1	81	46	1.49	0		-5.9	-8.1		396251.69	6908680.67	1217

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	171926	58	N	1100		24	-5.1	-7	81	53	1.54	0		-5.1	-7		396257.3	6908691.35	1219
8042428	42616	171958	58	N	1112.5		24	-3.4	-5.4	86	49	1.58	0		-3.4	-5.4		396264.76	6908701.82	1220
8042428	42616	172038	58	N	1125		24	0.1	-3	95	39	1.63	0		0.1	-3		396270.18	6908709.91	1219
8042428	42616	172110	58	N	1137.5		24	2.9	-0.5	75	58	1.52	0		2.9	-0.5		396276.9	6908719.3	1220
8042428	42616	172146	58	N	1150		24	6.5	0.3	85	41	1.5	0		6.5	0.3		396288.38	6908731.53	1219
8042428	42616	172250	58	N	1162.5		24	4	-2.7	50	66	1.33	0		4	-2.7		396295.49	6908741.28	1219
8042428	42616	172322	58	N	1175		24	5.9	-1.3	56	64	1.36	0		5.9	-1.3		396298.05	6908750.76	1220
8042428	42616	172354	58	N	1187.5		24	6.9	1.6	81	45	1.48	0		6.9	1.6		396303.36	6908760.78	1220
8042428	42616	172426	58	N	1200		24	5.4	1.2	71	55	1.43	0		5.4	1.2		396310.75	6908771.27	1220
8042428	42616	172506	58	N	1212.5		24	9.3	4.9	75	51	1.44	0		9.3	4.9		396317.67	6908781.56	1219
8042428	42616	172538	58	N	1225		24	12.1	6.3	78	41	1.41	0		12.1	6.3		396324.6	6908791.01	1219
8042428	42616	172614	58	N	1237.5		24	11	7.8	84	34	1.44	0		11	7.8		396331.65	6908801.68	1217
8042428	42616	172658	58	N	1250		24	14	0.9	80	43	1.44	0		14	0.9		396340.02	6908812.26	1215
8042428	42616	172722	58	N	1250		24	13.1	3	72	47	1.37	1					396340.32	6908813	1215
8042428	42616	172746	58	N	1250		24	10.8	6	71	46	1.36	1					396340.46	6908812.76	1215
8042428	42616	180138	58	N	1250		24	15.3	5.7	56	2	0.9	1					396315.28	6908832.15	1213
8042428	42616	180258	58	N	1250		24	18.3	-1.4	60	-8	0.97	1					396315.9	6908831.26	1213
8042428	42616	181222	60	N	1237.5		24	3.2	-7.7	71	42	1.32	0		3.2	-7.7		396463.2	6908722.06	1212
8042428	42616	181250	60	N	1237.5		24	3.6	-9.2	73	40	1.33	1					396463.31	6908722.3	1213
8042428	42616	181322	60	N	1225		24	2.4	-8	69	41	1.29	0		2.4	-8		396455.76	6908712.25	1213
8042428	42616	181358	60	N	1212.5		24	1	-9.8	80	37	1.4	0		1	-9.8		396448.32	6908701.92	1213
8042428	42616	181434	60	N	1200		24	-5	-13.6	63	46	1.24	0		-5	-13.6		396437.74	6908689.48	1212
8042428	42616	181514	60	N	1187.5		24	-4.8	-14.4	73	34	1.29	0		-4.8	-14.4		396430.06	6908679.49	1213
8042428	42616	181558	60	N	1175		24	-5.4	-13.7	79	28	1.34	0		-5.4	-13.7		396421.93	6908667.81	1213
8042428	42616	181634	60	N	1162.5		24	-5.5	-14.9	70	35	1.24	0		-5.5	-14.9		396410.81	6908656.17	1212
8042428	42616	181710	60	N	1150		24	-4.2	-15.5	70	31	1.22	0		-4.2	-15.5		396403.53	6908646.99	1210
8042428	42616	181750	60	N	1137.5		24	-1	-12.7	68	33	1.2	0		-1	-12.7		396394.67	6908633.15	1206
8042428	42616	181822	60	N	1125		24	0.8	-12.8	54	45	1.12	0		0.8	-12.8		396391.66	6908622.78	1210
8042428	42616	181854	60	N	1112.5		24	3.3	-11.7	39	50	1.01	0		3.3	-11.7		396387.51	6908610.37	1209
8042428	42616	181938	60	N	1100		24	3.8	-11.5	47	48	1.08	0		3.8	-11.5		396379.84	6908597.29	1208
8042428	42616	182018	60	N	1087.5		24	3.2	-13.6	125	71	1.14	0		3.2	-13.6		396373.73	6908590.43	1207
8042428	42616	182054	60	N	1075		24	3.8	-15.1	64	34	1.16	0		3.8	-15.1		396366.33	6908580.74	1206
8042428	42616	182130	60	N	1062.5		24	3.1	-14.8	70	24	1.18	0		3.1	-14.8		396356.53	6908572.21	1208
8042428	42616	182226	60	N	1050		24	7.2	-13.1	69	24	1.16	0		7.2	-13.1		396351.26	6908562.19	1204
8042428	42616	182242	60	N	1050		24	5.6	-15	66	27	1.13	1					396350.9	6908562.45	1203
8042428	42616	182318	60	N	1037.5		24	7.9	-13.6	62	32	1.12	0		7.9	-13.6		396344.68	6908551.98	1201
8042428	42616	182346	60	N	1025		24	12.1	-14.3	60	35	1.1	0		12.1	-14.3		396337.37	6908543.27	1201
8042428	42616	182426	60	N	1012.5		24	13.7	-13.2	65	32	1.16	0		13.7	-13.2		396330.39	6908534.2	1200
8042428	42616	182442	60	N	1012.5		24	12	-14.1	66	33	1.17	1					396330.65	6908535.61	1201
8042428	42616	182518	60	N	1000		24	16	-13.7	61	34	1.12	0		16	-13.7		396320.91	6908524.22	1200
8042428	42616	182554	60	N	987.5		24	18.5	-11.1	60	37	1.13	0		18.5	-11.1		396314.85	6908515.1	1199
8042428	42616	182630	60	N	975		24	23.8	-8.2	66	34	1.19	0		23.8	-8.2		396305.75	6908503.34	1196
8042428	42616	182706	60	N	962.5		24	22.3	-9.1	64	42	1.22	0		22.3	-9.1		396299.95	6908494.86	1196
8042428	42616	182738	60	N	950		24	19.2	-8.6	63	44	1.22	0		19.2	-8.6		396292.2	6908484.27	1193
8042428	42616	182814	60	N	937.5		24	-7.9	2.4	9	0	0.14	0		-7.9	2.4		396283.08	6908473.86	1192
8042428	42616	182918	60	N	925		24	15.7	-7.1	127	100	1.29	0		15.7	-7.1		396273.41	6908463.07	1191
8042428	42616	182950	60	N	912.5		24	7.2	-8.8	67	52	1.35	0		7.2	-8.8		396266.81	6908455.82	1193
8042428	42616	183030	60	N	900		24	3.1	-6.3	66	51	1.34	0		3.1	-6.3		396260.51	6908445.36	1191
8042428	42616	183134	60	N	887.5		24	0.4	-5.1	74	51	1.44	0		0.4	-5.1		396254.97	6908438.74	1190
8042428	42616	183210	60	N	875		24	-6.2	-5.5	69	53	1.39	0		-6.2	-5.5		396248.2	6908427.87	1187
8042428	42616	183250	60	N	862.5		24	-10.5	-5.2	67	53	1.37	0		-10.5	-5.2		396240.67	6908416.64	1187
8042428	42616	183330	60	N	850		24	-13.3	-3	75	45	1.39	0		-13.3	-3		396235.92	6908408.6	1187
8042428	42616	183402	60	N	837.5		24	-18.4	-2.9	70	47	1.35	0		-18.4	-2.9		396226.89	6908397.77	1184
8042428	42616	183418	60	N	837.5		24	-19.5	-1.4	72	45	1.35	1					396226.9	6908397.47	1183
8042428	42616	183454	60	N	825		24	-24	0.7	65	46	1.27	0		-24	0.7		396218.32	6908385.76	1181
8042428	42616	183526	60	N	812.5		24	-25.4	0.6	65	44	1.26	0		-25.4	0.6		396211.5	6908375.45	1180
8042428	42616	183602	60	N	800		24	-31.4	-1.8	66	40	1.23	0		-31.4	-1.8		396203.81	6908369.42	1181

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	183654	60	N	787.5		24	-33.9	-4	52	45	1.1	0		-33.9	-4		396196.35	6908356.54	1177
8042428	42616	183742	60	N	775		24	-29.6	0	57	41	1.13	0		-29.6	0		396189.97	6908345.36	1177
8042428	42616	183826	60	N	762.5		24	-24.3	3.2	60	38	1.13	0		-24.3	3.2		396183.82	6908336.01	1178
8042428	42616	183902	60	N	750		24	-21.7	1.5	62	40	1.18	0		-21.7	1.5		396178.09	6908327.33	1179
8042428	42616	183942	60	N	737.5		24	-27.3	-2.1	64	34	1.16	0		-27.3	-2.1		396171.62	6908311.79	1174
8042428	42616	184022	60	N	725		24	-24.8	-0.7	67	32	1.18	0		-24.8	-0.7		396165.39	6908304.7	1175
8042428	42616	184214	60	N	712.5		24	-22.9	-2	69	31	1.21	0		-22.9	-2		396156.47	6908294.49	1175
8042428	42616	184246	60	N	700		24	-22.8	-3.2	74	21	1.23	0		-22.8	-3.2		396147.12	6908282.54	1171
8042428	42616	184318	60	N	687.5		24	-25.5	-4.9	65	32	1.15	0		-25.5	-4.9		396144.31	6908271.51	1164
8042428	42616	184414	60	N	675		24	-23.5	-5.6	61	36	1.13	0		-23.5	-5.6		396136.55	6908265.01	1169
8042428	42616	184454	60	N	662.5		24	-21.9	-5.8	64	32	1.14	0		-21.9	-5.8		396133.65	6908255.56	1163
8042428	42616	184514	60	N	662.5		24	-22.7	-6.8	68	26	1.17	1					396132.45	6908257.67	1171
8042428	42616	184534	60	N	662.5		24	-22.3	-6.6	64	33	1.15	1					396134.27	6908256.34	1164
8042428	42616	184638	60	N	650		24	-21	-7	56	39	1.09	0		-21	-7		396126	6908245.97	1164
8042428	42616	184734	60	N	637.5		24	-22.6	-9	63	33	1.13	0		-22.6	-9		396119.65	6908237.96	1162
8042428	42616	184830	60	N	625		24	-20.4	-8.2	65	31	1.15	0		-20.4	-8.2		396117.3	6908232.44	1161
8042428	42616	184914	60	N	612.5		24	-26.4	-16.4	63	30	1.11	0		-26.4	-16.4		396107.8	6908219.01	1159
8042428	42616	184954	60	N	600		24	-23.2	-17.4	54	37	1.05	0		-23.2	-17.4		396099.48	6908208.32	1157
8042428	42616	185030	60	N	587.5		24	-19	-15.4	51	38	1.01	0		-19	-15.4		396091.4	6908186.34	1149
8042428	42616	185102	60	N	575		24	-12.4	-13.3	47	39	0.97	0		-12.4	-13.3		396082.4	6908186.05	1160
8042428	42616	185138	60	N	562.5		24	-4.2	-13.1	93	82	0.99	0		-4.2	-13.1		396073.76	6908173.55	1157
8042428	42616	185206	60	N	550		24	0.1	-10.3	93	85	1	0		0.1	-10.3		396065.78	6908162.9	1156
8042428	42616	185242	60	N	537.5		24	5.9	-8.9	91	90	1.02	0		5.9	-8.9		396059.28	6908151.06	1154
8042428	42616	185314	60	N	525		24	7.7	-7.1	104	89	1.08	0		7.7	-7.1		396053.72	6908142.01	1153
8042428	42616	185346	60	N	512.5		24	10.6	-2.5	96	94	1.07	0		10.6	-2.5		396050.15	6908131.32	1150
8042428	42616	185434	60	N	500		24	9.4	1.6	117	103	1.24	0		9.4	1.6		396042.48	6908118.43	1150
8042428	42616	185510	60	N	487.5		24	3.9	3.9	102	125	1.28	0		3.9	3.9		396036.74	6908110.58	1150
8042428	42616	185542	60	N	475		24	-13.6	-2.8	47	72	1.38	0		-13.6	-2.8		396033.09	6908102.57	1148
8042428	42616	185622	60	N	462.5		24	-37.9	-7.5	54	58	1.27	0		-37.9	-7.5		396026.16	6908089.39	1144
8042428	42616	185654	60	N	450		24	-37.5	-3.3	60	47	1.22	0		-37.5	-3.3		396018.73	6908078.57	1144
8042428	42616	185730	60	N	437.5		24	-34.2	-0.1	76	26	1.28	0		-34.2	-0.1		396011.53	6908068.03	1143
8042428	42616	185802	60	N	425		24	-39.2	-2.9	61	44	1.2	0		-39.2	-2.9		396005.64	6908057.68	1142
8042428	42616	185834	60	N	412.5		24	-39	-0.2	63	33	1.14	0		-39	-0.2		395998.26	6908044.82	1137
8042428	42616	185910	60	N	400		24	-37.8	-0.4	62	35	1.13	0		-37.8	-0.4		395993.42	6908035.71	1136
8042428	42616	185954	60	N	387.5		24	-38.5	0.1	55	37	1.06	0		-38.5	0.1		395983.36	6908029.3	1137
8042428	42616	190026	60	N	375		24	-35.7	0.3	58	35	1.08	0		-35.7	0.3		395974.8	6908019.85	1133
8042428	42616	190102	60	N	362.5		24	-35.1	-1.2	59	32	1.08	0		-35.1	-1.2		395965.23	6908009.22	1127
8042428	42616	190134	60	N	350		24	-34.3	0	62	28	1.09	0		-34.3	0		395956.89	6908000.62	1126
8042428	42616	190202	60	N	337.5		24	-32.3	-0.3	56	32	1.03	0		-32.3	-0.3		395950.16	6907992.94	1125
8042428	42616	190238	60	N	325		24	-33.4	-4.7	57	30	1.03	0		-33.4	-4.7		395943.55	6907983.5	1125
8042428	42616	190306	60	N	312.5		24	-31.3	-3.2	58	26	1.01	0		-31.3	-3.2		395935.97	6907973.3	1122
8042428	42616	190406	60	N	300		24	-27.2	-3.5	57	28	1.01	0		-27.2	-3.5		395931.64	6907965.22	1118
8042428	42616	190442	60	N	287.5		24	-26.8	-2.4	59	25	1.02	0		-26.8	-2.4		395924.36	6907954.64	1125
8042428	42616	190518	60	N	275		24	-22.5	-1.6	61	25	1.05	0		-22.5	-1.6		395916.75	6907946.45	1116
8042428	42616	190554	60	N	262.5		24	-22.5	-1.9	59	25	1.02	0		-22.5	-1.9		395906.77	6907939.25	1117
8042428	42616	190634	60	N	250		24	-19.3	-1.6	55	29	1	0		-19.3	-1.6		395896.37	6907929.91	1112
8042428	42616	190750	60	N	237.5		24	-16.7	-1.2	54	33	1.01	0		-16.7	-1.2		395894.55	6907911.36	1107
8042428	42616	190910	60	N	225		24	-16.1	-1.4	58	30	1.05	0		-16.1	-1.4		395888.91	6907904.8	1102
8042428	42616	191002	60	N	212.5		24	-18.1	-4.1	57	30	1.03	0		-18.1	-4.1		395882.17	6907894.27	1100
8042428	42616	191018	60	N	212.5		24	-16.8	-3.5	56	29	1.01	1					395882.07	6907894.17	1100
8042428	42616	191102	60	N	200		24	-16.3	-5.2	55	27	0.98	0		-16.3	-5.2		395876.38	6907887.21	1105
8042428	42616	191146	60	N	187.5		24	-13.9	-5.3	52	34	0.98	0		-13.9	-5.3		395868.94	6907873.06	1098
8042428	42616	191226	60	N	175		24	-10.7	-4.2	56	29	1.01	0		-10.7	-4.2		395860.38	6907862.36	1097
8042428	42616	191302	60	N	162.5		24	-9.9	-5	58	29	1.04	0		-9.9	-5		395854.18	6907854.06	1092
8042428	42616	191342	60	N	150		24	-10.7	-7	59	29	1.04	0		-10.7	-7		395848.22	6907847.58	1089
8042428	42616	191426	60	N	137.5		24	-14.1	-9.6	60	28	1.05	0		-14.1	-9.6		395840.96	6907835.68	1090
8042428	42616	191522	60	N	125		24	-13.8	-10.9	53	35	1.01	0		-13.8	-10.9		395834.76	6907826.99	1084

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	191538	60	N	125		24	-14	-11.7	57	32	1.04	1					395834.74	6907826.12	1084
8042428	42616	191650	60	N	112.5		24	-13.3	-12	54	33	1.01	0		-13.3	-12		395826.94	6907812.09	1080
8042428	42616	191730	60	N	100		24	-10	-11.2	52	34	1	0		-10	-11.2		395820.49	6907800.05	1073
8042428	42616	191810	60	N	87.5		24	-8.3	-9.3	49	37	0.98	0		-8.3	-9.3		395814.62	6907791.93	1072
8042428	42616	191842	60	N	75		24	-6.2	-10.8	115	63	1.04	0		-6.2	-10.8		395808.21	6907781.74	1073
8042428	42616	191918	60	N	62.5		24	-3.9	-8.9	109	67	1.02	0		-3.9	-8.9		395800.53	6907771.77	1070
8042428	42616	191950	60	N	50		24	-2.9	-10.1	117	65	1.07	0		-2.9	-10.1		395792.64	6907765.7	1067
8042428	42616	192022	60	N	37.5		24	-3.3	-9.6	110	74	1.05	0		-3.3	-9.6		395786.79	6907755.51	1066
8042428	42616	192106	60	N	25		24	-5.9	-11.2	119	59	1.05	0		-5.9	-11.2		395779.22	6907746.72	1065
8042428	42616	192134	60	N	12.5		24	-6.5	-11.1	118	64	1.06	0		-6.5	-11.1		395772.15	6907737.65	1061
8042428	42616	192150	60	N	12.5		24	-3.9	-10.3	119	62	1.06	1					395772.86	6907738.65	1062
8042428	42616	192206	60	N	12.5		24	-4.8	-8.6	118	62	1.06	1					395772.76	6907739.04	1062
8042428	42616	192222	60	N	12.5		24	-4.3	-10	119	64	1.07	1					395772.05	6907739.23	1060
8042428	42616	195454	62	N	0		24	3.4	3.2	119	75	1.12	0		3.4	3.2		395857.65	6907681.38	1072
8042428	42616	195510	62	N	0		24	2.4	4.7	121	73	1.12	1					395857.74	6907681.55	1072
8042428	42616	195706	62	N	12.5		24	3.8	6.4	127	56	1.1	0		3.8	6.4		395863.96	6907693.49	1075
8042428	42616	195754	62	N	25		24	2.3	2.6	54	41	1.09	0		2.3	2.6		395867.97	6907700.16	1077
8042428	42616	195810	62	N	25		24	2.8	2.4	58	36	1.09	1					395868.62	6907701.02	1077
8042428	42616	195850	62	N	37.5		24	2	2.6	62	34	1.12	0		2	2.6		395877.39	6907711.56	1081
8042428	42616	195926	62	N	50		24	1.5	2	59	35	1.09	0		1.5	2		395885.13	6907719.96	1083
8042428	42616	195942	62	N	50		24	0.4	2.3	62	31	1.1	1					395885.42	6907720.4	1084
8042428	42616	200022	62	N	62.5		24	9.2	-0.1	57	38	1.09	0		9.2	-0.1		395893.47	6907732.22	1082
8042428	42616	200042	62	N	62.5		24	-0.4	2.4	54	38	1.05	1					395892.59	6907731.64	1083
8042428	42616	200102	62	N	62.5		24	0	1.1	58	36	1.09	1					395893.52	6907730.76	1087
8042428	42616	200142	62	N	75		24	-0.3	3.7	52	37	1.02	0		-0.3	3.7		395897.37	6907740.1	1088
8042428	42616	200222	62	N	87.5		24	-2.2	1.3	54	36	1.04	0		-2.2	1.3		395901.91	6907751.7	1087
8042428	42616	200258	62	N	100		24	-5.8	-0.4	59	31	1.07	0		-5.8	-0.4		395906.87	6907762.25	1090
8042428	42616	200330	62	N	112.5		24	-7.3	-1.5	57	33	1.05	0		-7.3	-1.5		395913.31	6907772.03	1094
8042428	42616	200350	62	N	112.5		24	-7.7	-1.4	57	30	1.04	1					395913.91	6907772.55	1094
8042428	42616	200434	62	N	125		24	-7.1	-2.6	70	15	1.14	0		-7.1	-2.6		395921.18	6907783.77	1097
8042428	42616	200502	62	N	137.5		24	-8	-2	73	9	1.17	0		-8	-2		395930.52	6907792.6	1100
8042428	42616	200546	62	N	150		24	-6.3	1	73	14	1.19	0		-6.3	1		395939.8	6907798.83	1104
8042428	42616	200630	62	N	162.5		24	-10.6	1	70	20	1.16	0		-10.6	1		395948.73	6907809.53	1104
8042428	42616	200710	62	N	175		24	-9.4	3.2	54	38	1.06	0		-9.4	3.2		395953.85	6907816.66	1109
8042428	42616	200754	62	N	187.5		24	-9	5	55	38	1.06	0		-9	5		395958.86	6907826.6	1108
8042428	42616	200838	62	N	200		24	-11.5	4.8	59	31	1.06	0		-11.5	4.8		395962.85	6907837.93	1110
8042428	42616	200922	62	N	212.5		24	-11.5	6.5	67	20	1.12	0		-11.5	6.5		395968.66	6907848.24	1111
8042428	42616	201006	62	N	225		24	-16	4.5	64	25	1.1	0		-16	4.5		395974.71	6907853.65	1114
8042428	42616	201022	62	N	225		24	-15.1	3.8	67	22	1.13	1					395975.68	6907854.65	1115
8042428	42616	201110	62	N	237.5		24	-17.5	2	74	12	1.2	0		-17.5	2		395984.94	6907868.79	1115
8042428	42616	201146	62	N	250		24	-17.6	4.3	71	21	1.18	0		-17.6	4.3		395992.48	6907875.16	1119
8042428	42616	201230	62	N	262.5		24	-17.2	5.6	70	20	1.17	0		-17.2	5.6		396002.37	6907882.38	1121
8042428	42616	201314	62	N	275		24	-19.2	5.3	64	27	1.11	0		-19.2	5.3		396013.17	6907895.11	1125
8042428	42616	201358	62	N	287.5		24	-22.8	5.1	60	31	1.08	0		-22.8	5.1		396017.52	6907904.82	1128
8042428	42616	201434	62	N	300		24	-24	3.8	65	25	1.12	0		-24	3.8		396019.95	6907914.07	1131
8042428	42616	201526	62	N	312.5		24	-27	2.9	60	31	1.08	0		-27	2.9		396027.92	6907924.16	1133
8042428	42616	201606	62	N	325		24	-28.8	5.1	53	36	1.02	0		-28.8	5.1		396034.43	6907933.08	1136
8042428	42616	201626	62	N	325		24	-28.4	4.9	56	34	1.05	1					396034.42	6907931.37	1136
8042428	42616	201710	62	N	337.5		24	-27.3	7.6	58	31	1.05	0		-27.3	7.6		396041.06	6907941.92	1138
8042428	42616	201750	62	N	350		24	-27.3	5	66	19	1.09	0		-27.3	5		396047.11	6907951.22	1143
8042428	42616	201826	62	N	362.5		24	-33.3	8.1	52	34	0.99	0		-33.3	8.1		396054.18	6907962.18	1144
8042428	42616	201910	62	N	375		24	-31.8	6	65	25	1.12	0		-31.8	6		396061.67	6907974.75	1147
8042428	42616	201946	62	N	387.5		24	-33.9	6	66	19	1.1	0		-33.9	6		396069.17	6907981.26	1147
8042428	42616	202022	62	N	400		24	-39.8	4.2	61	33	1.11	0		-39.8	4.2		396076.07	6907992.68	1150
8042428	42616	202102	62	N	412.5		24	-39	4.7	71	26	1.2	0		-39	4.7		396081.35	6908000.85	1152
8042428	42616	202222	62	N	425		24	-43.8	0.9	68	26	1.17	0		-43.8	0.9		396091.03	6908010.16	1154
8042428	42616	202246	62	N	425		24	-42.4	1.5	70	29	1.21	1					396091.41	6908012.15	1150

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	202342	62	N	437.5		24	-39.2	2.8	76	28	1.29	0		-39.2	2.8		396098.41	6908018.58	1156
8042428	42616	202426	62	N	450		24	-36.4	1.8	85	21	1.4	0		-36.4	1.8		396105.57	6908024.04	1157
8042428	42616	202522	62	N	462.5		24	-27.5	6.4	91	19	1.49	0		-27.5	6.4		396115.91	6908030.41	1160
8042428	42616	202642	62	N	475		24	-22.4	5.5	81	40	1.44	0		-22.4	5.5		396119.92	6908041.18	1163
8042428	42616	202734	62	N	487.5		24	0.4	10.6	85	36	1.47	0		0.4	10.6		396128.63	6908055.6	1165
8042428	42616	202814	62	N	500		24	10.2	10.9	55	53	1.22	0		10.2	10.9		396134.18	6908064.14	1164
8042428	42616	202846	62	N	512.5		24	15.3	11.6	35	56	1.05	0		15.3	11.6		396135.04	6908074.23	1163
8042428	42616	202922	62	N	525		24	15.8	11	59	37	1.11	0		15.8	11		396139.52	6908084.12	1164
8042428	42616	202958	62	N	537.5		24	13.6	7.5	57	34	1.06	0		13.6	7.5		396148.96	6908094.94	1166
8042428	42616	203030	62	N	550		24	10.1	4.6	58	34	1.07	0		10.1	4.6		396158.22	6908105.41	1169
8042428	42616	203102	62	N	562.5		24	9.7	4.8	55	33	1.03	0		9.7	4.8		396164.34	6908113.48	1167
8042428	42616	203134	62	N	575		24	6.9	4.2	48	36	0.96	0		6.9	4.2		396169.92	6908122.53	1170
8042428	42616	203206	62	N	587.5		24	3.3	3.7	92	78	0.96	0		3.3	3.7		396176.87	6908133.5	1170
8042428	42616	203246	62	N	600		24	-1.2	2.6	115	54	1.01	0		-1.2	2.6		396185.49	6908144.83	1171
8042428	42616	203318	62	N	612.5		24	-5	0.8	121	46	1.03	0		-5	0.8		396194.09	6908155.56	1172
8042428	42616	203334	62	N	612.5		24	-4.5	2.6	116	53	1.01	1					396194.38	6908155.56	1171
8042428	42616	203402	62	N	625		24	-6	1.1	127	41	1.06	0		-6	1.1		396198.75	6908161.07	1171
8042428	42616	203438	62	N	637.5		24	-8.2	1.3	60	26	1.04	0		-8.2	1.3		396206.41	6908172.73	1174
8042428	42616	203510	62	N	650		24	-11.2	1	61	27	1.06	0		-11.2	1		396214.2	6908183.45	1176
8042428	42616	203554	62	N	662.5		24	-11.9	3	60	29	1.06	0		-11.9	3		396220.66	6908191.58	1177
8042428	42616	203634	62	N	675		24	-14.8	3.6	51	35	0.99	0		-14.8	3.6		396228.41	6908201.46	1177
8042428	42616	203650	62	N	675		24	-15.6	2.9	49	35	0.97	1					396228.34	6908201.41	1178
8042428	42616	203706	62	N	675		24	-13.7	3.8	108	65	1.01	1					396228.1	6908201.48	1176
8042428	42616	203742	62	N	687.5		24	-17.5	4.2	117	58	1.04	0		-17.5	4.2		396236.31	6908211.77	1178
8042428	42616	203818	62	N	700		24	-20	2.4	118	55	1.03	0		-20	2.4		396242.9	6908219.33	1179
8042428	42616	203906	62	N	712.5		24	-24.6	-1.6	96	75	0.97	0		-24.6	-1.6		396249.76	6908228.38	1180
8042428	42616	203926	62	N	712.5		24	-24	0.8	103	72	1	1					396249.37	6908228.66	1179
8042428	42616	204002	62	N	725		24	-27.8	-2.3	108	68	1.02	0		-27.8	-2.3		396254.93	6908240.81	1180
8042428	42616	204038	62	N	737.5		24	-28.7	-0.2	116	67	1.06	0		-28.7	-0.2		396259.5	6908250.25	1179
8042428	42616	204110	62	N	750		24	-27.8	2.2	118	61	1.06	0		-27.8	2.2		396266.52	6908259.95	1179
8042428	42616	204142	62	N	762.5		24	-29.7	4.7	102	79	1.03	0		-29.7	4.7		396272.56	6908270.88	1179
8042428	42616	204218	62	N	775		24	-28.9	8.7	104	77	1.03	0		-28.9	8.7		396279.18	6908280.33	1178
8042428	42616	204250	62	N	787.5		24	-31.6	7.4	100	80	1.02	0		-31.6	7.4		396285.26	6908290.52	1178
8042428	42616	204310	62	N	787.5		24	-32.7	6.1	93	84	1	1					396285.27	6908290.22	1179
8042428	42616	204358	62	N	800		24	-36.5	5.2	106	78	1.05	0		-36.5	5.2		396291.88	6908300.78	1178
8042428	42616	204450	62	N	812.5		24	-38.8	3.1	108	80	1.07	0		-38.8	3.1		396299.98	6908312.41	1178
8042428	42616	204534	62	N	825		24	-33.3	8.3	115	95	1.19	0		-33.3	8.3		396308.57	6908325.53	1178
8042428	42616	204614	62	N	837.5		24	-32.6	7.8	117	94	1.19	0		-32.6	7.8		396313.39	6908336.39	1180
8042428	42616	204646	62	N	850		24	-29.6	7.6	121	101	1.25	0		-29.6	7.6		396319.94	6908344.81	1182
8042428	42616	204718	62	N	862.5		24	-25.7	8.1	123	104	1.28	0		-25.7	8.1		396325.8	6908353.74	1182
8042428	42616	204750	62	N	875		24	-19.7	3.9	70	46	1.34	0		-19.7	3.9		396333.64	6908365.39	1183
8042428	42616	204818	62	N	887.5		24	-16.6	2.1	70	50	1.37	0		-16.6	2.1		396339.27	6908374.64	1184
8042428	42616	204834	62	N	887.5		24	-16.4	2.9	70	51	1.38	1					396339.18	6908374.54	1184
8042428	42616	204906	62	N	900		24	-11.9	-0.4	77	52	1.48	0		-11.9	-0.4		396346.59	6908384.37	1185
8042428	42616	204938	62	N	912.5		24	-4.7	-1.3	80	51	1.5	0		-4.7	-1.3		396355.24	6908394.36	1187
8042428	42616	204954	62	N	912.5		24	-5.7	-0.2	88	50	1.61	1					396355.03	6908394.45	1187
8042428	42616	205030	62	N	925		24	5.4	-0.9	82	49	1.52	0		5.4	-0.9		396364.78	6908402.87	1189
8042428	42616	205106	62	N	937.5		24	9.5	-2.2	79	53	1.52	0		9.5	-2.2		396371.5	6908412.64	1189
8042428	42616	205142	62	N	950		24	9.9	-6.4	68	58	1.43	0		9.9	-6.4		396379.59	6908421.8	1189
8042428	42616	205218	62	N	962.5		24	13.5	-6.6	71	57	1.44	0		13.5	-6.6		396384.44	6908430.02	1192
8042428	42616	205250	62	N	975		24	17.2	-5.6	67	53	1.36	0		17.2	-5.6		396389.38	6908441.06	1192
8042428	42616	205350	62	N	987.5		24	20	-5.7	67	50	1.33	0		20	-5.7		396395.36	6908450.37	1194
8042428	42616	205430	62	N	1000		24	20.4	-4	74	37	1.32	0		20.4	-4		396401.91	6908459.85	1195
8042428	42616	205502	62	N	1012.5		24	20.6	-2.9	77	29	1.32	0		20.6	-2.9		396410.25	6908469.25	1196
8042428	42616	205546	62	N	1025		24	20.8	-3.3	74	30	1.27	0		20.8	-3.3		396417.82	6908478.63	1196
8042428	42616	205618	62	N	1037.5		24	18.1	-4.8	67	36	1.22	0		18.1	-4.8		396424.91	6908487.81	1197
8042428	42616	205654	62	N	1050		24	15.1	-6.4	49	47	1.08	0		15.1	-6.4		396430.02	6908500.06	1198

Bad Point

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	205726	62	N	1062.5		24	9.6	-7.3	113	88	1.14	0		9.6	-7.3		396434.18	6908510.69	1200
8042428	42616	205758	62	N	1075		24	8.6	-4.8	123	80	1.17	0		8.6	-4.8		396440.82	6908523.78	1200
8042428	42616	205834	62	N	1087.5		24	8.4	-4.7	65	36	1.18	0		8.4	-4.7		396449.61	6908534.21	1201
8042428	42616	205902	62	N	1100		24	7.4	-5.3	61	38	1.15	0		7.4	-5.3		396455.4	6908542.65	1202
8042428	42616	205930	62	N	1112.5		24	4.8	-5.5	66	32	1.17	0		4.8	-5.5		396461.15	6908551.84	1203
8042428	42616	210002	62	N	1125		24	3.2	-4.1	62	35	1.14	0		3.2	-4.1		396468.93	6908562.69	1204
8042428	42616	210026	62	N	1137.5		24	2.2	-5.4	64	36	1.18	0		2.2	-5.4		396474.92	6908572.17	1205
8042428	42616	210054	62	N	1150		24	2.8	-3.3	64	33	1.15	0		2.8	-3.3		396482.09	6908582.05	1206
8042428	42616	210122	62	N	1162.5		24	0.7	-3.7	69	30	1.2	0		0.7	-3.7		396488.97	6908591.31	1207
8042428	42616	210150	62	N	1175		24	-0.7	-3.9	70	29	1.21	0		-0.7	-3.9		396498.62	6908602.99	1207
8042428	42616	210222	62	N	1187.5		24	-1.2	-4.7	73	20	1.21	0		-1.2	-4.7		396506.41	6908611.58	1208
8042428	42616	210250	62	N	1200		24	-1.2	-5.7	77	11	1.24	0		-1.2	-5.7		396516.66	6908619.92	1209
8042428	42616	210318	62	N	1212.5		24	-6.3	-7.2	64	34	1.16	0		-6.3	-7.2		396522.9	6908631.1	1208
8042428	42616	210346	62	N	1225		24	-6.6	-5.8	65	38	1.2	0		-6.6	-5.8		396527.42	6908641.4	1209
8042428	42616	210418	62	N	1237.5		24	-4.3	-3.8	67	39	1.23	0		-4.3	-3.8		396533.71	6908651.42	1209
8042428	42616	210442	62	N	1250		24	-4.3	-2.8	72	34	1.28	0		-4.3	-2.8		396539.59	6908660.42	1209
8042428	42616	210518	62	N	1262.5		24	0.5	-1.2	69	32	1.22	0		0.5	-1.2		396548.51	6908670.08	1210
8042428	42616	210534	62	N	1262.5		24	0.8	-1.1	74	26	1.25	1					396548.13	6908669.96	1211
8042428	42616	211150	64	N	1262.5		24	6.3	-4.9	70	33	1.23	0		6.3	-4.9		396626.18	6908606.79	1207
8042428	42616	211206	64	N	1262.5		24	4.4	-5.6	69	32	1.21	1					396626.5	6908606.89	1207
8042428	42616	211234	64	N	1262.5		24	4.8	-4.8	65	38	1.2	1					396626.75	6908607.03	1207
8042428	42616	211310	64	N	1250		24	6	-4.6	68	32	1.2	0		6	-4.6		396619.71	6908595.24	1208
8042428	42616	211350	64	N	1237.5		24	4.6	-5.5	79	16	1.29	0		4.6	-5.5		396611.96	6908587.98	1205
8042428	42616	211426	64	N	1225		24	4.5	-5.9	74	22	1.23	0		4.5	-5.9		396604.4	6908577.82	1206
8042428	42616	211458	64	N	1212.5		24	7.6	-6.4	74	24	1.24	0		7.6	-6.4		396595.03	6908568.37	1206
8042428	42616	211542	64	N	1200		24	7.7	-5.2	73	22	1.22	0		7.7	-5.2		396587.91	6908560.83	1205
8042428	42616	211614	64	N	1187.5		24	11.9	-4.4	64	32	1.15	0		11.9	-4.4		396577.36	6908550.64	1205
8042428	42616	211714	64	N	1175		24	11.1	-5.2	69	26	1.18	0		11.1	-5.2		396574.94	6908542.27	1204
8042428	42616	211746	64	N	1162.5		24	12.3	-7.1	69	24	1.17	0		12.3	-7.1		396567.06	6908532.07	1203
8042428	42616	211814	64	N	1150		24	14.5	-6.5	62	35	1.13	0		14.5	-6.5		396560.66	6908522.51	1204
8042428	42616	211846	64	N	1137.5		24	15.5	-6.8	59	30	1.05	0		15.5	-6.8		396554.15	6908508.7	1202
8042428	42616	211910	64	N	1125		24	-8.3	3.8	9	-1	0.15	0		-8.3	3.8		396549.67	6908501.05	1202
8042428	42616	211950	64	N	1112.5		24	18.3	-5.8	73	38	0.66	0		18.3	-5.8		396542.06	6908489.06	1201
8042428	42616	212026	64	N	1100		24	24.4	-5.5	112	71	1.06	0		24.4	-5.5		396537.16	6908478.54	1200
8042428	42616	212058	64	N	1087.5		24	25.9	-3.2	127	59	1.11	0		25.9	-3.2		396529.56	6908467.41	1199
8042428	42616	212134	64	N	1075		24	24.8	-7.1	67	31	1.18	0		24.8	-7.1		396518.46	6908457.13	1198
8042428	42616	212202	64	N	1062.5		24	22.7	-7.7	71	29	1.22	0		22.7	-7.7		396514.26	6908450.58	1198
8042428	42616	212238	64	N	1050		24	24.1	-10	67	33	1.2	0		24.1	-10		396508.98	6908443.86	1197
8042428	42616	212310	64	N	1037.5		24	20.4	-11.2	70	32	1.23	0		20.4	-11.2		396502.49	6908435.23	1195
8042428	42616	212342	64	N	1025		24	21.8	-11.6	70	36	1.25	0		21.8	-11.6		396494.95	6908423.9	1194
8042428	42616	212418	64	N	1012.5		24	24.2	-8.6	58	44	1.16	0		24.2	-8.6		396487.09	6908412.46	1192
8042428	42616	212450	64	N	1000		24	22.2	-8.3	68	43	1.28	0		22.2	-8.3		396479.02	6908400.15	1191
8042428	42616	212522	64	N	987.5		24	18.6	-6.7	68	43	1.29	0		18.6	-6.7		396472.37	6908389.55	1193
8042428	42616	212550	64	N	975		24	12.9	-6.7	69	47	1.34	0		12.9	-6.7		396465.86	6908380.31	1191
8042428	42616	212634	64	N	962.5		24	5.5	-7.1	74	40	1.34	0		5.5	-7.1		396458.49	6908370.94	1189
8042428	42616	212710	64	N	950		24	1.5	-4.4	75	43	1.38	0		1.5	-4.4		396450.67	6908359.93	1190
8042428	42616	212738	64	N	937.5		24	-4.1	-2.3	69	50	1.36	0		-4.1	-2.3		396443.67	6908350.53	1189
8042428	42616	212814	64	N	925		24	-11.9	-1.8	62	50	1.27	0		-11.9	-1.8		396438.44	6908341.66	1189
8042428	42616	212846	64	N	912.5		24	-17.2	1.3	60	46	1.2	0		-17.2	1.3		396431.52	6908329.22	1189
8042428	42616	212918	64	N	900		24	-17.2	3.6	62	43	1.2	0		-17.2	3.6		396425.78	6908318.78	1189
8042428	42616	212946	64	N	887.5		24	-20.8	5.4	60	46	1.2	0		-20.8	5.4		396419.46	6908307.29	1189
8042428	42616	213130	64	N	875		24	-23.5	5.3	61	37	1.14	0		-23.5	5.3		396413.07	6908296.22	1189
8042428	42616	213214	64	N	862.5		24	-23.9	6.1	50	42	1.04	0		-23.9	6.1		396406.83	6908287.82	1189
8042428	42616	213254	64	N	850		24	-22.4	7.4	50	40	1.02	0		-22.4	7.4		396401.14	6908277.51	1187
8042428	42616	213310	64	N	850		24	-24.6	6.2	49	39	1	1					396401.32	6908277.37	1187
8042428	42616	213350	64	N	837.5		24	-19.8	8.9	94	74	0.95	0		-19.8	8.9		396394.18	6908264.3	1186
8042428	42616	213422	64	N	825		24	-14.7	7.4	108	65	1	0		-14.7	7.4		396386.09	6908254.29	1187

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	213438	64	N	825		24	-15	7.8	110	66	1.02	1					396386.09	6908254.48	1187
8042428	42616	213506	64	N	812.5		24	-13.8	9.5	89	80	0.95	0		-13.8	9.5		396378.89	6908245.21	1188
8042428	42616	213538	64	N	800		24	-12.1	8.7	88	79	0.94	0		-12.1	8.7		396373.34	6908235.05	1186
8042428	42616	213606	64	N	787.5		24	-9.6	9.5	111	61	1.01	0		-9.6	9.5		396366.15	6908225.31	1187
8042428	42616	213634	64	N	775		24	-10.3	8.6	107	63	0.99	0		-10.3	8.6		396359.09	6908214.24	1188
8042428	42616	213706	64	N	762.5		24	-6.4	7.2	111	58	1	0		-6.4	7.2		396349.11	6908203.52	1187
8042428	42616	213734	64	N	750		24	-4.7	8	105	65	0.98	0		-4.7	8		396341.48	6908194.23	1187
8042428	42616	213758	64	N	737.5		24	-5.5	7	118	53	1.02	0		-5.5	7		396335.43	6908186.74	1187
8042428	42616	213830	64	N	725		24	-3.5	6.3	111	61	1	0		-3.5	6.3		396326.25	6908175.82	1185
8042428	42616	213906	64	N	712.5		24	-5.7	0.2	88	78	0.93	0		-5.7	0.2		396321.27	6908166.74	1188
8042428	42616	213942	64	N	700		24	-6.9	-5.7	95	72	0.94	0		-6.9	-5.7		396315.79	6908156.91	1187
8042428	42616	214014	64	N	687.5		24	-8.2	-10.2	104	63	0.96	0		-8.2	-10.2		396308.04	6908146.84	1187
8042428	42616	214046	64	N	675		24	-3.7	-7.7	94	65	0.91	0		-3.7	-7.7		396301.73	6908136.41	1188
8042428	42616	214118	64	N	662.5		24	-0.6	-7.5	102	60	0.94	0		-0.6	-7.5		396294.85	6908126.85	1186
8042428	42616	214134	64	N	662.5		24	-0.5	-5.2	108	57	0.97	1					396295.07	6908127.31	1188
8042428	42616	214210	64	N	650		24	4.9	-4.3	99	66	0.94	0		4.9	-4.3		396288.17	6908116.18	1187
8042428	42616	214246	64	N	637.5		24	8.9	-1.8	112	57	1	0		8.9	-1.8		396280.24	6908106.63	1186
8042428	42616	214314	64	N	625		24	8.6	-2.1	106	66	0.99	0		8.6	-2.1		396273.17	6908096.72	1186
8042428	42616	214342	64	N	612.5		24	14	-1.1	110	62	1	0		14	-1.1		396266.82	6908087.63	1187
8042428	42616	214422	64	N	600		24	16.8	-0.4	110	69	1.03	0		16.8	-0.4		396258.44	6908076.59	1183
8042428	42616	214458	64	N	587.5		24	18.1	0.6	123	56	1.07	0		18.1	0.6		396251.2	6908065.87	1187
8042428	42616	214534	64	N	575		24	22.1	1.6	54	39	1.07	0		22.1	1.6		396244.25	6908058.38	1183
8042428	42616	214618	64	N	562.5		24	28.6	3.2	50	46	1.08	0		28.6	3.2		396236.58	6908046.95	1180
8042428	42616	214702	64	N	550		24	33.3	6.8	52	49	1.14	0		33.3	6.8		396230.1	6908036.65	1176
8042428	42616	214734	64	N	537.5		24	34.2	8.1	51	58	1.23	0		34.2	8.1		396225.34	6908028.52	1177
8042428	42616	214858	64	N	525		24	29.2	10.7	66	69	1.53	0		29.2	10.7		396217.45	6908015.94	1175
8042428	42616	214930	64	N	512.5		24	9.3	6.9	94	76	1.92	0		9.3	6.9		396210.29	6908004.64	1172
8042428	42616	215042	64	N	500		24	-5.3	2.4	98	78	2	0		-5.3	2.4		396203.41	6908001.38	1171
8042428	42616	215058	64	N	500		24	-6.4	2.7	96	81	2	1					396203.19	6908000.63	1174
8042428	42616	215142	64	N	487.5		24	-33.6	-4.1	84	63	1.67	0		-33.6	-4.1		396195.67	6907988.65	1169
8042428	42616	215214	64	N	475		24	-37.2	-1.4	70	63	1.5	0		-37.2	-1.4		396188.84	6907979.74	1167
8042428	42616	215250	64	N	462.5		24	-38.9	-2.1	76	45	1.42	0		-38.9	-2.1		396183.73	6907968.56	1164
8042428	42616	215442	64	N	450		24	-33.3	1	71	44	1.34	0		-33.3	1		396173.79	6907961.49	1166
8042428	42616	215458	64	N	450		24	-32.4	0	69	47	1.34	1					396173.18	6907959.89	1167
8042428	42616	215534	64	N	437.5		24	-31.3	0.5	74	34	1.29	0		-31.3	0.5		396168.96	6907950.79	1159
8042428	42616	215550	64	N	437.5		24	-31.5	0.9	67	38	1.23	1					396170.02	6907949.48	1165
8042428	42616	215618	64	N	425		24	-27.7	1.8	68	33	1.2	0		-27.7	1.8		396162.9	6907941.08	1161
8042428	42616	215634	64	N	425		24	-27.2	2.8	70	35	1.24	1					396162.92	6907940.21	1159
8042428	42616	215702	64	N	412.5		24	-23.5	3.4	71	29	1.22	0		-23.5	3.4		396157.46	6907926.25	1152
8042428	42616	215734	64	N	400		24	-21	5.7	68	30	1.18	0		-21	5.7		396148.84	6907922.15	1151
8042428	42616	215814	64	N	387.5		24	-15.8	6.5	66	30	1.15	0		-15.8	6.5		396140.4	6907910.23	1150
8042428	42616	215846	64	N	375		24	-13.9	6.7	65	31	1.15	0		-13.9	6.7		396135.1	6907900.75	1147
8042428	42616	215902	64	N	375		24	-13.5	8.6	68	28	1.17	1					396135.08	6907901.56	1144
8042428	42616	215918	64	N	375		24	-12.8	6.4	70	25	1.19	1					396134.91	6907900.99	1145
8042428	42616	215942	64	N	362.5		24	-7.7	9.3	60	36	1.12	0		-7.7	9.3		396130.12	6907891.03	1144
8042428	42616	220014	64	N	350		24	-3.6	10.5	63	32	1.13	0		-3.6	10.5		396124.61	6907879.41	1136
8042428	42616	220050	64	N	337.5		24	-3.5	9.4	63	34	1.14	0		-3.5	9.4		396116.56	6907871.62	1138
8042428	42616	220146	64	N	325		24	-9.3	2.1	67	33	1.19	0		-9.3	2.1		396111.48	6907858.03	1134
8042428	42616	220214	64	N	312.5		24	-11.5	-2.4	67	30	1.18	0		-11.5	-2.4		396105.38	6907847.33	1131
8042428	42616	220258	64	N	300		24	-11.3	-3.1	75	6	1.2	0		-11.3	-3.1		396096.87	6907841.88	1128
8042428	42616	220322	64	N	300		24	-12.8	-2.6	71	22	1.18	1					396097.07	6907841.26	1129
8042428	42616	220350	64	N	287.5		24	-10.6	-1.6	67	26	1.15	0		-10.6	-1.6		396088.22	6907832.01	1128
8042428	42616	220426	64	N	275		24	-8.5	-1	64	30	1.12	0		-8.5	-1		396080.53	6907823.23	1128
8042428	42616	220522	64	N	262.5		24	-8.1	-5.7	61	29	1.08	0		-8.1	-5.7		396074.7	6907814.4	1124
8042428	42616	220606	64	N	250		24	-1.8	-2.3	60	32	1.09	0		-1.8	-2.3		396068.23	6907802.86	1119
8042428	42616	220642	64	N	237.5		24	0.8	-1.8	57	33	1.05	0		0.8	-1.8		396059.5	6907792.05	1122
8042428	42616	220702	64	N	237.5		24	-1	-1	58	32	1.06	1					396061.11	6907792.87	1119

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	220746	64	N	225		24	-0.9	-2.4	59	32	1.07	0		-0.9	-2.4		396054.58	6907783.9	1117
8042428	42616	220822	64	N	212.5		24	0	-5.7	51	37	1.01	0		0	-5.7		396050.75	6907774.12	1114
8042428	42616	220858	64	N	200		24	0.7	-4.4	61	26	1.06	0		0.7	-4.4		396044.68	6907764.66	1110
8042428	42616	220934	64	N	187.5		24	5.6	-4.5	59	27	1.03	0		5.6	-4.5		396037.66	6907753.38	1112
8042428	42616	221006	64	N	175		24	6.5	-4	55	32	1.02	0		6.5	-4		396031.28	6907743.17	1108
8042428	42616	221038	64	N	162.5		24	7.4	-5.2	59	31	1.06	0		7.4	-5.2		396020.96	6907735.42	1105
8042428	42616	221126	64	N	150		24	8.7	-3.9	56	35	1.05	0		8.7	-3.9		396017.29	6907728.28	1102
8042428	42616	221214	64	N	137.5		24	9.9	-5.7	62	30	1.1	0		9.9	-5.7		396009.52	6907718.39	1102
8042428	42616	221258	64	N	125		24	9.7	-7.3	63	30	1.12	0		9.7	-7.3		396001.98	6907701.61	1097
8042428	42616	221318	64	N	125		24	8.5	-6.2	57	38	1.09	1					396001.2	6907700.53	1099
8042428	42616	221354	64	N	112.5		24	10	-8.7	62	35	1.13	0		10	-8.7		395995.38	6907691.02	1094
8042428	42616	221422	64	N	100		24	7	-8.6	63	32	1.13	0		7	-8.6		395989.9	6907683.91	1091
8042428	42616	221502	64	N	87.5		24	8.5	-8.2	58	39	1.11	0		8.5	-8.2		395979.97	6907678.94	1089
8042428	42616	221526	64	N	75		24	10.7	-9.4	59	40	1.14	0		10.7	-9.4		395974.55	6907669.76	1087
8042428	42616	221610	64	N	62.5		24	9.6	-8	60	40	1.14	0		9.6	-8		395967.74	6907660.43	1084
8042428	42616	221642	64	N	50		24	2.3	-10.3	66	39	1.23	0		2.3	-10.3		395962.06	6907650.02	1081
8042428	42616	221730	64	N	37.5		24	2.1	-11.5	64	36	1.18	0		2.1	-11.5		395953.74	6907640.11	1078
8042428	42616	221754	64	N	37.5		24	2.9	-11.4	54	46	1.12	1					395953.62	6907639.11	1078
8042428	42616	221838	64	N	25		24	2.7	-8.5	71	30	1.23	0		2.7	-8.5		395943.25	6907631.32	1075
8042428	42616	221918	64	N	12.5		24	2.8	-7.8	67	35	1.21	0		2.8	-7.8		395937.66	6907622.12	1072
8042428	42616	221934	64	N	12.5		24	3.2	-7.6	63	38	1.18	1					395938.13	6907622.95	1072
8042428	42616	230654	66	N	0		24	4.1	-2.2	66	44	1.26	0		4.1	-2.2		396661.26	6908407.36	1198
8042428	42616	230710	66	N	0		24	4.1	-1.8	64	45	1.24	1					396661.04	6908407.24	1197
8042428	42616	230726	66	N	0		24	5	-2.7	63	45	1.24	1					396660.78	6908407.44	1197
8042428	42616	230802	66	N	12.5		24	4.6	-2.3	74	42	1.35	0		4.6	-2.3		396667.07	6908419.98	1197
8042428	42616	230834	66	N	25		24	8	-2	77	35	1.35	0		8	-2		396675.81	6908428.77	1199
8042428	42616	230850	66	N	25		24	8.2	-1	76	33	1.32	1					396676.44	6908428.8	1199
8042428	42616	230922	66	N	37.5		24	14.5	2.2	80	38	1.41	0		14.5	2.2		396684.41	6908437.52	1200
8042428	42616	230954	66	N	50		24	15.4	2.9	77	30	1.32	0		15.4	2.9		396693.2	6908444.74	1201
8042428	42616	231026	66	N	62.5		24	15.9	4	68	37	1.24	0		15.9	4		396702.29	6908455.18	1204
8042428	42616	231042	66	N	62.5		24	16.3	2.7	70	37	1.26	1					396702.66	6908455.52	1204
8042428	42616	231114	66	N	75		24	15.9	2.6	67	34	1.2	0		15.9	2.6		396710.45	6908465.87	1204
8042428	42616	231146	66	N	87.5		24	14.9	3.3	69	32	1.22	0		14.9	3.3		396718.44	6908476.08	1203
8042428	42616	231218	66	N	100		24	15.2	1.8	66	35	1.19	0		15.2	1.8		396724.02	6908483.47	1204
8042428	42616	231250	66	N	112.5		24	10	0.3	67	34	1.2	0		10	0.3		396731.44	6908493	1203
8042428	42616	231326	66	N	125		24	11.7	2.1	65	34	1.17	0		11.7	2.1		396739.53	6908503.82	1204
8042428	42616	231358	66	N	137.5		24	10.6	3.8	66	30	1.15	0		10.6	3.8		396746.17	6908515.38	1204
8042428	42616	231430	66	N	150		24	7.2	0.2	43	46	1.01	0		7.2	0.2		396752.74	6908526.2	1204
8042428	42616	231458	66	N	162.5		24	1.8	0.9	109	88	1.11	0		1.8	0.9		396755.95	6908536.28	1204
8042428	42616	231530	66	N	175		24	-1.1	1.7	111	90	1.14	0		-1.1	1.7		396759.97	6908548.91	1204
8042428	42616	231610	66	N	187.5		24	-1.9	0.1	126	68	1.14	0		-1.9	0.1		396770.27	6908557.89	1205
8042428	42616	231654	66	N	200		24	-3.2	0.3	70	28	1.21	0		-3.2	0.3		396777.83	6908566.52	1205
8042428	42616	231726	66	N	212.5		24	-4.6	-1	76	22	1.26	0		-4.6	-1		396786.18	6908576.76	1205
8042428	42616	231758	66	N	225		24	-6.2	-0.3	75	24	1.26	0		-6.2	-0.3		396792.77	6908585.24	1205
8042428	42616	231826	66	N	237.5		24	-8.1	2.9	77	29	1.31	0		-8.1	2.9		396800.68	6908594.24	1205
8042428	42616	231858	66	N	250		24	-8.2	0.9	76	28	1.29	0		-8.2	0.9		396808.59	6908603.87	1204
8042428	42616	231934	66	N	262.5		24	-5.7	3.9	84	23	1.38	0		-5.7	3.9		396816.06	6908612.22	1205
8042428	42616	232006	66	N	275		24	-5.9	4.1	79	28	1.34	0		-5.9	4.1		396825.63	6908621.78	1206
8042428	42616	232038	66	N	287.5		24	-5.4	6.4	76	33	1.33	0		-5.4	6.4		396835.58	6908632.74	1206
8042428	42616	232110	66	N	300		24	-6.1	5	85	26	1.42	0		-6.1	5		396845.68	6908643.27	1206
8042428	42616	232218	66	N	312.5		24	-6.9	4.8	77	42	1.4	0		-6.9	4.8		396851.19	6908653.52	1207
8042428	42616	232258	66	N	325		24	0.8	3.4	88	40	1.54	0		0.8	3.4		396859.02	6908662.13	1206
8042428	42616	232322	66	N	337.5		24	10.5	3.9	75	50	1.45	0		10.5	3.9		396864.64	6908668.17	1206
8042428	42616	232338	66	N	337.5		24	9.6	4.4	85	51	1.59	1					396864.54	6908668.2	1206
8042428	42616	232414	66	N	350		24	16.5	3.3	68	58	1.42	0		16.5	3.3		396869.59	6908680.47	1205
8042428	42616	232442	66	N	362.5		24	26.4	7.8	80	46	1.47	0		26.4	7.8		396875.21	6908690.73	1205
8042428	42616	232514	66	N	375		24	27.3	7.2	83	36	1.45	0		27.3	7.2		396883.51	6908701.12	1205

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	232546	66	N	387.5		24	26.8	6.7	85	31	1.44	0		26.8	6.7		396888.81	6908710.15	1205
8042428	42616	232614	66	N	400		24	25.5	6.4	85	26	1.42	0		25.5	6.4		396895.84	6908717.21	1205
8042428	42616	232646	66	N	412.5		24	23.8	6.8	85	26	1.43	0		23.8	6.8		396904.57	6908725.66	1206
8042428	42616	232714	66	N	425		24	20.4	6.1	81	30	1.38	0		20.4	6.1		396912.92	6908733.41	1206
8042428	42616	232730	66	N	425		24	20.7	6.3	81	30	1.38	1					396913.06	6908733.55	1205
8042428	42616	232758	66	N	437.5		24	18.4	4.9	84	24	1.4	0		18.4	4.9		396921.39	6908743.18	1204
8042428	42616	232822	66	N	450		24	15	4	84	22	1.39	0		15	4		396929.03	6908750.98	1205
8042428	42616	232906	66	N	462.5		24	12.2	3.4	84	22	1.39	0		12.2	3.4		396938.08	6908762.67	1205
8042428	42616	232934	66	N	475		24	9.1	1.9	86	19	1.41	0		9.1	1.9		396946.15	6908771.85	1205
8042428	42616	233002	66	N	487.5		24	12.8	6.2	86	24	1.42	0		12.8	6.2		396954.23	6908780.24	1205
8042428	42616	233034	66	N	500		24	13.2	7.2	82	28	1.38	0		13.2	7.2		396962.67	6908790.87	1204
8042428	42616	233054	66	N	500		24	13	7.4	81	30	1.38	1					396962.93	6908790.78	1204
8042428	42616	233134	66	N	512.5		24	11.3	5.9	83	30	1.4	0		11.3	5.9		396972.27	6908804.74	1203
8042428	42616	233206	66	N	525		24	6.9	4.7	65	49	1.29	0		6.9	4.7		396978.14	6908816.43	1202
8042428	42616	233230	66	N	537.5		24	8.8	4.6	77	38	1.37	0		8.8	4.6		396980.42	6908821.73	1202
8042428	42616	233302	66	N	550		24	6.5	3.9	83	28	1.4	0		6.5	3.9		396985.58	6908830.23	1202
8042428	42616	233322	66	N	550		24	7.2	3.1	87	27	1.45	1					396985.74	6908830.1	1202
8042428	42616	233906	68	N	550		24	17.9	3.9	74	39	1.33	0		17.9	3.9		397062.13	6908790.78	1214
8042428	42616	233926	68	N	550		24	16.3	2.9	74	39	1.34	1					397062.35	6908790.69	1214
8042428	42616	234018	68	N	550		24	18.4	3.3	80	36	1.4	1					397062.17	6908790.56	1214
8042428	42616	234306	68	N	537.5		24	18.1	3.2	82	41	1.47	0		18.1	3.2		397054.02	6908779.25	1214
8042428	42616	234438	68	N	525		24	23.1	6.2	77	49	1.46	0		23.1	6.2		397046.87	6908770.97	1213
8042428	42616	234510	68	N	512.5		24	24	8.8	84	40	1.48	0		24	8.8		397038.79	6908761.89	1214
8042428	42616	234538	68	N	500		24	24.2	8.3	83	46	1.52	0		24.2	8.3		397031.75	6908752.66	1214
8042428	42616	234554	68	N	487.5		24	21.9	8.2	91	38	1.57	0		21.9	8.2		397031.1	6908752.12	1214
8042428	42616	234634	68	N	475		24	21.5	6.8	93	37	1.6	0		21.5	6.8		397025.15	6908742.04	1214
8042428	42616	234718	68	N	462.5		24	18.4	4.9	94	42	1.64	0		18.4	4.9		397016.73	6908731.43	1214
8042428	42616	234746	68	N	450		24	13.9	3.3	97	41	1.68	0		13.9	3.3		397009.13	6908721.77	1214
8042428	42616	234814	68	N	437.5		24	11.5	1.6	96	47	1.7	0		11.5	1.6		397002.26	6908712.47	1214
8042428	42616	234842	68	N	425		24	8.5	-0.3	98	39	1.68	0		8.5	-0.3		396993.71	6908702.29	1214
8042428	42616	234910	68	N	412.5		24	6.1	-1.8	95	42	1.66	0		6.1	-1.8		396986.36	6908693.6	1216
8042428	42616	234938	68	N	400		24	5.4	-2.4	94	41	1.64	0		5.4	-2.4		396978.76	6908685.12	1216
8042428	42616	235006	68	N	387.5		24	4.8	-3.3	99	37	1.69	0		4.8	-3.3		396971.06	6908675.14	1215
8042428	42616	235022	68	N	387.5		24	5.6	-3.8	100	35	1.69	1					396970.93	6908675.1	1215
8042428	42616	235046	68	N	375		24	-0.4	-1	29	1	0.46	0		-0.4	-1		396962.78	6908664.78	1215
8042428	42616	235110	68	N	362.5		24	0.4	-3.3	71	7	0.56	0		0.4	-3.3		396955.4	6908653.79	1215
8042428	42616	235130	68	N	362.5		24	1	-3.3	72	-9	0.57	1					396955.36	6908653.44	1214
8042428	42616	235546	68	N	362.5		24	0.3	-6.2	91	51	1.66	1					396955.13	6908652.3	1213
8042428	42616	235602	68	N	362.5		24	1	-6.5	85	56	1.62	1					396955.26	6908652.17	1213
8042428	42616	235650	68	N	350		24	-0.9	-8.5	95	42	1.66	0		-0.9	-8.5		396948.71	6908643.95	1213
8042428	42616	235718	68	N	337.5		24	-1.5	-9.1	93	45	1.64	0		-1.5	-9.1		396941.78	6908636.32	1213
8042428	42616	235758	68	N	325		24	-0.1	-7.6	103	25	1.69	0		-0.1	-7.6		396934.17	6908624.64	1212
8042428	42616	235834	68	N	312.5		24	2.5	-7.8	101	29	1.68	0		2.5	-7.8		396925.11	6908617.78	1211
8042428	42616	235906	68	N	300		24	5.6	-4.6	89	44	1.58	0		5.6	-4.6		396918.19	6908609.32	1211
8042428	42616	235938	68	N	287.5		24	8.3	0.6	78	50	1.49	0		8.3	0.6		396911.73	6908601.02	1210
8042428	42616	14	68	N	275		24	7.7	0	94	43	1.65	0		7.7	0		396903.74	6908589.04	1209
8042428	42616	42	68	N	275		24	6.6	-1.4	85	51	1.58	1					396907.11	6908586.05	1210
8042428	42616	130	68	N	262.5		24	1.5	-3	88	48	1.6	0		1.5	-3		396899.58	6908575.52	1210
8042428	42616	206	68	N	250		24	-3.7	-3.8	90	49	1.63	0		-3.7	-3.8		396891.49	6908566.82	1210
8042428	42616	234	68	N	237.5		24	-8.4	-7.5	95	38	1.63	0		-8.4	-7.5		396882.13	6908556.36	1210
8042428	42616	305	68	N	225		24	-10.3	-11.8	85	39	1.49	0		-10.3	-11.8		396875.64	6908546.38	1210
8042428	42616	338	68	N	212.5		24	-4.2	-10.9	82	40	1.45	0		-4.2	-10.9		396866.76	6908531.15	1209
8042428	42616	410	68	N	200		24	-0.7	-9.5	78	43	1.42	0		-0.7	-9.5		396861.88	6908523.73	1209
8042428	42616	446	68	N	187.5		24	4.8	-8.6	86	33	1.48	0		4.8	-8.6		396854.75	6908513.27	1209
8042428	42616	510	68	N	175		24	7.5	-7.3	85	33	1.46	0		7.5	-7.3		396849.8	6908506.65	1209
8042428	42616	534	68	N	162.5		24	13.1	-2.9	84	39	1.47	0		13.1	-2.9		396844.07	6908497.96	1210
8042428	42616	602	68	N	150		24	19.5	-0.7	82	46	1.5	0		19.5	-0.7		396837.41	6908487.88	1209

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	630	68	N	137.5		24	21.6	1	91	39	1.58	0		21.6	1		396831.38	6908476.51	1207
8042428	42616	702	68	N	125		24	26.6	3.8	92	42	1.61	0		26.6	3.8		396821.99	6908465.39	1206
8042428	42616	730	68	N	112.5		24	28.8	3.8	94	45	1.66	0		28.8	3.8		396813.84	6908453.71	1207
8042428	42616	754	68	N	100		24	27.3	2.3	99	46	1.75	0		27.3	2.3		396807.73	6908445.04	1206
8042428	42616	818	68	N	87.5		24	21.4	-1.3	95	51	1.71	0		21.4	-1.3		396801.72	6908437.45	1207
8042428	42616	846	68	N	75		24	18.8	-1.2	105	42	1.81	0		18.8	-1.2		396792.4	6908427.64	1205
8042428	42616	918	68	N	62.5		24	17.2	-2.3	100	47	1.77	0		17.2	-2.3		396783.63	6908417.95	1207
8042428	42616	946	68	N	50		24	15.9	-1.1	96	54	1.77	0		15.9	-1.1		396776.36	6908408.14	1207
8042428	42616	1018	68	N	37.5		24	11.1	-1.5	100	53	1.81	0		11.1	-1.5		396767.74	6908395.6	1207
8042428	42616	1106	68	N	25		24	10.2	-3	101	56	1.85	0		10.2	-3		396764.31	6908390.27	1208
8042428	42616	1158	68	N	12.5		24	5.8	-5.2	103	54	1.85	0		5.8	-5.2		396756.32	6908380.5	1210
8042428	42616	1226	68	N	0		24	-1.5	-8.3	115	37	1.93	0		-1.5	-8.3		396750.7	6908370.17	1208
8042428	42616	1254	68	N	-12.50		24	-3.6	-11.4	112	29	1.84	0		-3.6	-11.4		396741.26	6908361.68	1205
8042428	42616	1350	68	N	-25.00		24	0.4	-8.8	105	31	1.75	0		0.4	-8.8		396737.18	6908350.07	1206
8042428	42616	1406	68	N	-25.00		24	-0.2	-9.4	105	29	1.73	1					396737.2	6908350.23	1207
8042428	42616	1426	68	N	-25.00		24	0.9	-8.7	104	29	1.72	1					396737.07	6908350.36	1207
1124844	42616	163346	57	N	462.5		24	69.3	-86.5	22	21	0.24	0		69.3	-86.5		395885.67	6908239.93	1170
1124844	42616	163406	57	N	462.5		24	59.9	-79.1	45	43	0.25	1					395885.56	6908239.95	1170
1124844	42616	163454	57	N	475		24	82.1	-94	96	96	0.54	0		82.1	-94		395890.56	6908251.65	1171
1124844	42616	163530	57	N	487.5		24	86.9	-93.9	96	96	1.08	0		86.9	-93.9		395897.21	6908263.11	1172
1124844	42616	163610	57	N	500		24	79.4	-91.7	98	98	2.21	0		79.4	-91.7		395902.66	6908273.93	1173
1124844	42616	163650	57	N	512.5		24	55.9	-13.8	10	25	0.87	0		55.9	-13.8		395910.63	6908281.94	1175
1124844	42616	163750	57	N	525		24	55.4	-8.1	9	53	0.85	0		55.4	-8.1		395917.18	6908293.01	1177
1124844	42616	163830	57	N	537.5		24	74	-89.5	11	11	0.25	0		74	-89.5		395926.09	6908302.4	1179
1124844	42616	163914	57	N	550		24	68	-82	23	22	0.26	0		68	-82		395931.71	6908314.86	1180
1124844	42616	163934	57	N	550		24	80.2	-92.3	98	97	0.55	1					395931.24	6908313.54	1181
1124844	42616	163958	57	N	550		24	92.4	-93.9	96	96	1.08	1					395930.9	6908313.76	1182
1124844	42616	164050	57	N	562.5		24	45	-5.6	19	50	0.85	0		45	-5.6		395938.7	6908322.99	1183
1124844	42616	164142	57	N	575		24	60.9	-22.9	14	59	0.96	0		60.9	-22.9		395946.44	6908333.05	1183
1124844	42616	164242	57	N	587.5		24	71.7	-15	11	58	0.95	0		71.7	-15		395954.03	6908343.69	1186
1124844	42616	164358	57	N	600		24	73.3	-87.4	11	11	0.25	0		73.3	-87.4		395960.9	6908357.38	1187
1124844	42616	164538	57	N	612.5		24	47.2	14.9	9	97	0.77	0		47.2	14.9		395960.52	6908357.08	1190
1124844	42616	164606	57	N	612.5		24	45.3	13.9	10	97	0.77	1					395960.48	6908357.11	1190
1124844	42616	164746	57	N	612.5		24	15.2	-1.6	31	96	0.81	1					395960.49	6908357.11	1189
1124844	42616	165058	57	N	625		24	76	-91.7	98	98	1.1	0		76	-91.7		395972.25	6908367.04	1189
1124844	42616	165506	57	N	625		24	22.9	-28.7	6	16	0.56	1					395971.89	6908368.21	1188
1124844	42616	165754	57	N	637.5		24	-3.2	-8.8	40	31	0.81	0		-3.2	-8.8		395977.9	6908376.43	1190
1124844	42616	165922	57	N	650		24	-15.7	-19.5	65	56	0.68	0		-15.7	-19.5		395985.52	6908392.74	1192
1124844	42616	170002	57	N	662.5		24	-20.7	-17.8	75	54	0.74	0		-20.7	-17.8		395992.99	6908399.7	1194
1124844	42616	170042	57	N	675		24	-6.5	-36.5	76	62	0.78	0		-6.5	-36.5		395998.85	6908408.87	1195
1124844	42616	170138	57	N	687.5		24	-27.3	-26.4	74	56	0.74	0		-27.3	-26.4		396008.73	6908418.14	1196
1124844	42616	170214	57	N	700		24	-9.9	-41	79	68	0.83	0		-9.9	-41		396017.05	6908427.88	1198
1124844	42616	170322	57	N	712.5		24	21.5	-62.9	99	99	1.11	0		21.5	-62.9		396023.87	6908440.44	1203
1124844	42616	170358	57	N	725		24	29	-63	99	99	1.11	0		29	-63		396028.43	6908448.77	1203
1124844	42616	170450	57	N	737.5		24	-52.6	-34.5	82	74	0.88	0		-52.6	-34.5		396034.37	6908462.14	1203
1124844	42616	170538	57	N	750		24	-19.6	-38.6	98	91	1.06	0		-19.6	-38.6		396041.08	6908474.32	1203
1124844	42616	170622	57	N	762.5		24	-18.9	-3.3	99	98	1.1	0		-18.9	-3.3		396049.18	6908486.78	1205
1124844	42616	170654	57	N	775		24	-20.8	-10.1	97	93	1.07	0		-20.8	-10.1		396056.53	6908494.41	1205
1124844	42616	170742	57	N	787.5		24	-9	-0.2	98	96	1.09	0		-9	-0.2		396064.92	6908507.03	1204
1124844	42616	170914	57	N	800		24	-8	-3.7	97	73	0.97	0		-8	-3.7		396072.84	6908518.285	1205
1124844	42616	170954	57	N	812.5		24	2.8	1	97	78	0.99	0		2.8	1		396080.76	6908529.54	1206
1124844	42616	171030	57	N	825		24	-1.2	-1.1	97	93	1.07	0		-1.2	-1.1		396088.68	6908540.795	1206
1124844	42616	171138	57	N	837.5		24	-0.9	-2.6	97	81	1	0		-0.9	-2.6		396096.6	6908552.05	1207
1124844	42616	171214	57	N	850		24	0.3	-20.9	84	57	0.81	0		0.3	-20.9		396104.52	6908563.305	1208
1124844	42616	171246	57	N	862.5		24	-2.3	-4	97	75	0.97	0		-2.3	-4		396112.44	6908574.56	1209
1124844	42616	171322	57	N	875		24	48.1	-68.4	100	99	1.12	0		48.1	-68.4		396120.36	6908585.815	1209
1124844	42616	171358	57	N	887.5		24	36.4	-65.7	99	99	1.12	0		36.4	-65.7		396128.28	6908597.07	1210

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	171446	57	N	900		24	6.8	-41	91	71	0.92	0		6.8	-41		396136.2	6908608.325	1211
1124844	42616	171534	57	N	912.5		24	2	-25.7	97	64	0.93	0		2	-25.7		396144.12	6908619.58	1212
1124844	42616	171622	57	N	925		24	-7.9	-27.5	77	75	0.85	0		-7.9	-27.5		396152.04	6908630.835	1212
1124844	42616	171702	57	N	937.5		24	9.9	-30.5	95	79	0.98	0		9.9	-30.5		396159.96	6908642.09	1213
1124844	42616	171818	57	N	950		24	41.5	-64.7	99	99	1.12	0		41.5	-64.7		396167.88	6908653.345	1214
1124844	42616	171858	57	N	962.5		24	85.1	-91.4	99	98	1.11	0		85.1	-91.4		396175.8	6908664.6	1215
1124844	42616	171950	57	N	975		24	69.6	-84.3	99	98	2.22	0		69.6	-84.3		396183.72	6908675.855	1215
1124844	42616	172134	57	N	975		24	8.7	-14.9	52	50	1.16	1					396191.64	6908687.11	1216
1124844	42616	172226	57	N	987.5		24	8.4	-17	51	55	1.2	0		8.4	-17		396199.56	6908698.365	1217
1124844	42616	172302	57	N	1000		24	12.2	-12.8	64	44	1.24	0		12.2	-12.8		396207.48	6908709.62	1218
1124844	42616	172338	57	N	1012.5		24	14.5	-11.1	60	48	1.23	0		14.5	-11.1		396215.4	6908720.875	1218
1124844	42616	172410	57	N	1025		24	15.3	-11.5	62	40	1.18	0		15.3	-11.5		396223.32	6908732.13	1219
1124844	42616	172450	57	N	1037.5		24	17.5	-9.8	68	33	1.21	0		17.5	-9.8		396231.24	6908743.385	1220
1124844	42616	172522	57	N	1050		24	17.1	-8.4	60	32	1.09	0		17.1	-8.4		396239.16	6908754.64	1221
1124844	42616	175254	57	N	1062.5		24	-3.7	-21.4	98	25	0.8	0		-3.7	-21.4		396247.08	6908765.895	1221
1124844	42616	175326	57	N	1075		24	35.5	-64.3	96	55	0.88	0		35.5	-64.3		396255	6908777.15	1222
1124844	42616	175414	57	N	1100		24	7	-12.5	98	30	0.81	0		7	-12.5		396266.85	6908795.39	1223
1124844	42616	175454	57	N	1112.5		24	16.5	3.6	98	71	0.96	0		16.5	3.6		396274.92	6908804.65	1222
1124844	42616	175530	57	N	1125		24	17	2.8	98	56	0.89	0		17	2.8		396282.42	6908816.94	1220
1124844	42616	175602	57	N	1137.5		24	9.8	-26.7	87	53	0.81	0		9.8	-26.7		396290.34	6908828.07	1217
1124844	42616	175726	57	N	1150		24	69.9	-82.1	100	99	1.12	0		69.9	-82.1		396297.73	6908837.31	1213
1124844	42616	175750	57	N	1150		24	81.2	-86.1	100	99	1.12	1					396297.68	6908837.2	1213
1124844	42616	175822	57	N	1150		24	70.6	-81.4	100	99	1.12	1					396297.49	6908836.82	1214
1124844	42616	181110	59	N	1200		24	10.8	6.2	98	90	1.06	0		10.8	6.2		396420.39	6908750.75	1215
1124844	42616	181158	59	N	1187.5		24	-11.8	-4.5	98	88	1.05	0		-11.8	-4.5		396420.48	6908750.77	1215
1124844	42616	181218	59	N	1187.5		24	-11	-4.8	98	93	1.07	1					396420.52	6908750.77	1215
1124844	42616	181354	59	N	1200		24	-6.8	-1.1	64	96	0.92	0		-6.8	-1.1		396410.01	6908738.45	1217
1124844	42616	181446	59	N	1212.5		24	1.3	3.5	80	98	1.01	0		1.3	3.5		396403.8	6908725.32	1216
1124844	42616	181522	59	N	1225		24	7.3	8	98	89	1.05	0		7.3	8		396398.74	6908715.97	1214
1124844	42616	181554	59	N	1237.5		24	8	10.2	94	95	1.06	0		8	10.2		396391.9	6908704.38	1214
1124844	42616	181630	59	N	1250		24	10.1	11.3	98	83	1.02	0		10.1	11.3		396386.06	6908693.64	1213
1124844	42616	181702	59	N	1262.5		24	9.8	10.8	98	75	0.98	0		9.8	10.8		396378.41	6908683.02	1213
1124844	42616	181746	59	N	1275		24	6.4	7.5	96	71	0.95	0		6.4	7.5		396369.75	6908674.85	1213
1124844	42616	181822	59	N	1287.5		24	6.2	8.8	98	59	0.91	0		6.2	8.8		396359.46	6908666.98	1214
1124844	42616	181850	59	N	1300		24	8.1	8.9	95	81	1	0		8.1	8.9		396350.59	6908657.18	1212
1124844	42616	181950	59	N	1312.5		24	6.5	10.5	86	92	1.01	0		6.5	10.5		396345.6	6908644.61	1211
1124844	42616	182022	59	N	1325		24	7	10.1	92	85	0.99	0		7	10.1		396338.68	6908634.18	1211
1124844	42616	182054	59	N	1337.5		24	8.3	11	87	86	0.97	0		8.3	11		396331.94	6908622.67	1210
1124844	42616	182354	59	N	1350		24	8.9	12.4	90	82	0.97	0		8.9	12.4		396324.91	6908613.85	1210
1124844	42616	182434	59	N	1362.5		24	6.4	12.8	92	78	0.96	0		6.4	12.8		396318.75	6908602.25	1208
1124844	42616	182510	59	N	1375		24	4.7	11.8	76	84	0.9	0		4.7	11.8		396308.61	6908595.04	1207
1124844	42616	182538	59	N	1387.5		24	5.9	12.6	72	84	0.88	0		5.9	12.6		396300.98	6908587.47	1207
1124844	42616	182622	59	N	1400		24	-1.4	9.4	77	80	0.88	0		-1.4	9.4		396294.99	6908574.65	1205
1124844	42616	182702	59	N	1412.5		24	-6.2	7.3	69	81	0.85	0		-6.2	7.3		396288.16	6908563.56	1203
1124844	42616	182738	59	N	1425		24	-5	8	74	89	0.92	0		-5	8		396279.82	6908553.49	1202
1124844	42616	182814	59	N	1437.5		24	-3	-28	14	0	0.11	0		-3	-28		396272.17	6908542.82	1202
1124844	42616	182914	59	N	1450		24	-18.5	10	100	100	0.56	0		-18.5	10		396266.19	6908532.11	1201
1124844	42616	183010	59	N	1462.5		24	-8.5	16.4	100	100	0.56	0		-8.5	16.4		396258.58	6908519.57	1199
1124844	42616	183046	59	N	1475		24	2.4	16.1	100	100	0.56	0		2.4	16.1		396251.69	6908507.44	1197
1124844	42616	183122	59	N	1487.5		24	6.8	16	100	100	0.56	0		6.8	16		396245.58	6908498.51	1195
1124844	42616	183202	59	N	1500		24	21.3	18.3	100	100	0.56	0		21.3	18.3		396235.04	6908488.99	1193
1124844	42616	183242	59	N	1512.5		24	15.9	10.7	100	100	0.56	0		15.9	10.7		396230.24	6908477.75	1193
1124844	42616	183334	59	N	1525		24	11.6	3.2	100	100	0.56	0		11.6	3.2		396220.59	6908470.58	1191
1124844	42616	183410	59	N	1537.5		24	17	2.8	100	100	0.56	0		17	2.8		396213.78	6908458.88	1189
1124844	42616	183450	59	N	1550		24	11.1	-8.6	100	100	0.56	0		11.1	-8.6		396204.4	6908449.26	1189
1124844	42616	183522	59	N	1562.5		24	15	-11	100	100	0.56	0		15	-11		396199.57	6908438.78	1188
1124844	42616	183558	59	N	1575		24	28.7	-5.7	100	100	0.56	0		28.7	-5.7		396194.24	6908425.17	1187

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	183634	59	N	1587.5		24	54.6	-0.3	100	100	0.56	0		54.6	-0.3		396185.77	6908414.04	1186
1124844	42616	183710	59	N	1600		24	63.2	8.6	100	100	0.56	0		63.2	8.6		396177.82	6908403.21	1184
1124844	42616	183742	59	N	1612.5		24	73.6	17.2	100	100	0.56	0		73.6	17.2		396172.96	6908391.37	1184
1124844	42616	183818	59	N	1625		24	57.3	3.9	99	100	0.56	0		57.3	3.9		396164.18	6908382.91	1183
1124844	42616	183902	59	N	1637.5		24	60.8	4.4	100	100	0.56	0		60.8	4.4		396156	6908371.61	1184
1124844	42616	183934	59	N	1650		24	57	1.2	100	100	0.56	0		57	1.2		396151.23	6908359.01	1180
1124844	42616	184010	59	N	1662.5		24	47	-1.7	100	100	0.56	0		47	-1.7		396145.2	6908348.26	1179
1124844	42616	184046	59	N	1675		24	47.9	-3.2	100	100	0.56	0		47.9	-3.2		396133.71	6908338.77	1178
1124844	42616	184126	59	N	1687.5		24	40	-4.1	100	100	0.56	0		40	-4.1		396127.53	6908330.79	1178
1124844	42616	184226	59	N	1700		24	39.2	-2.8	100	100	0.56	0		39.2	-2.8		396117.52	6908317.6	1175
1124844	42616	184302	59	N	1712.5		24	38.3	-2.9	100	100	0.56	0		38.3	-2.9		396108.31	6908307.85	1174
1124844	42616	184334	59	N	1725		24	37.4	1.6	100	100	0.56	0		37.4	1.6		396102.46	6908297.07	1173
1124844	42616	184434	59	N	1737.5		24	35.8	2.3	100	100	0.56	0		35.8	2.3		396095.85	6908287.19	1169
1124844	42616	184506	59	N	1750		24	32.5	5.5	100	100	0.56	0		32.5	5.5		396088.04	6908278.12	1170
1124844	42616	184542	59	N	1762.5		24	33.5	9.3	100	100	0.56	0		33.5	9.3		396083.12	6908265.23	1167
1124844	42616	184618	59	N	1775		24	36.8	11.1	100	100	0.56	0		36.8	11.1		396075.3	6908252.04	1163
1124844	42616	184646	59	N	1787.5		24	33.7	12.1	100	100	0.56	0		33.7	12.1		396068.8	6908243.01	1161
1124844	42616	184718	59	N	1800		24	35.2	17.4	100	100	0.56	0		35.2	17.4		396061.27	6908232.26	1161
1124844	42616	184754	59	N	1812.5		24	35.4	17.4	100	100	0.56	0		35.4	17.4		396053.25	6908222.33	1159
1124844	42616	184830	59	N	1825		24	32.7	22.3	100	100	0.56	0		32.7	22.3		396044.64	6908212.71	1157
1124844	42616	184910	59	N	1837.5		24	33.4	22.2	100	100	0.56	0		33.4	22.2		396039.09	6908199.9	1153
1124844	42616	184954	59	N	1850		24	17.9	17.6	100	100	0.56	0		17.9	17.6		396030.64	6908190.51	1151
1124844	42616	185030	59	N	1862.5		24	17.8	16.5	100	100	0.56	0		17.8	16.5		396023.81	6908179.81	1150
1124844	42616	185110	59	N	1875		24	26	21	100	100	0.56	0		26	21		396017.05	6908169.49	1148
1124844	42616	185158	59	N	1887.5		24	19.2	17.2	100	100	0.56	0		19.2	17.2		396010.03	6908158.62	1146
1124844	42616	185230	59	N	1900		24	22.1	15.7	100	100	0.56	0		22.1	15.7		396003.65	6908147.61	1144
1124844	42616	185338	59	N	1912.5		24	18.1	3.1	100	100	0.56	0		18.1	3.1		395998.99	6908136.75	1142
1124844	42616	185458	59	N	1925		24	54.3	17	100	100	0.56	0		54.3	17		395991.18	6908125.8	1139
1124844	42616	185606	59	N	1937.5		24	53.5	13.8	100	100	0.56	0		53.5	13.8		395985.03	6908118.39	1141
1124844	42616	185646	59	N	1950		24	71.1	16.8	100	100	0.56	0		71.1	16.8		395979.24	6908111	1138
1124844	42616	185718	59	N	1962.5		24	66.2	9.4	100	100	0.56	0		66.2	9.4		395974.17	6908103.63	1137
1124844	42616	185754	59	N	1975		24	60.6	-1.2	100	100	0.56	0		60.6	-1.2		395972.06	6908094.55	1136
1124844	42616	185858	59	N	1987.5		24	52.1	-7.8	100	100	0.56	0		52.1	-7.8		395963.11	6908088.59	1133
1124844	42616	190002	59	N	2000		24	56.4	-2.5	100	100	0.56	0		56.4	-2.5		395954.39	6908078.24	1130
1124844	42616	190054	59	N	2012.5		24	70.1	5.1	100	100	0.56	0		70.1	5.1		395946.34	6908070.65	1128
1124844	42616	190158	59	N	2025		24	59.5	-2	100	100	0.56	0		59.5	-2		395934.93	6908058.38	1125
1124844	42616	190346	59	N	2037.5		24	71	0	98	90	0.53	0		71	0		395927.17	6908043.63	1123
1124844	42616	190434	59	N	2050		24	63	1.1	100	99	0.56	0		63	1.1		395922.64	6908035.12	1122
1124844	42616	190506	59	N	2062.5		24	62.9	8.6	100	95	0.54	0		62.9	8.6		395915.08	6908027.82	1119
1124844	42616	190558	59	N	2075		24	57	10.2	99	99	0.56	0		57	10.2		395910.79	6908016.28	1120
1124844	42616	190638	59	N	2087.5		24	57	8.4	100	100	0.56	0		57	8.4		395907.4	6908005.29	1117
1124844	42616	190714	59	N	2100		24	56.8	13.5	100	100	0.56	0		56.8	13.5		395902.14	6907996.82	1116
1124844	42616	190750	59	N	2112.5		24	49.4	9.5	100	100	0.56	0		49.4	9.5		395894.02	6907987.2	1111
1124844	42616	190826	59	N	2125		24	51.5	10.6	100	100	0.56	0		51.5	10.6		395885.3	6907979.83	1107
1124844	42616	190910	59	N	2137.5		24	37.8	2.1	100	99	0.56	0		37.8	2.1		395879.55	6907968.01	1106
1124844	42616	190942	59	N	2150		24	43.6	8.2	100	100	0.56	0		43.6	8.2		395873.91	6907958.44	1106
1124844	42616	191014	59	N	2162.5		24	34.1	5.8	100	100	0.56	0		34.1	5.8		395865.61	6907946.38	1102
1124844	42616	191054	59	N	2175		24	37	5.8	100	98	0.55	0		37	5.8		395857.41	6907935.01	1098
1124844	42616	191202	59	N	2187.5		24	34	7.6	100	100	0.56	0		34	7.6		395845.69	6907929.16	1098
1124844	42616	191234	59	N	2200		24	23.5	5.1	99	100	0.56	0		23.5	5.1		395838	6907921.9	1098
1124844	42616	191310	59	N	2212.5		24	22.6	15.3	84	98	0.51	0		22.6	15.3		395833.59	6907909.99	1093
1124844	42616	191358	59	N	2225		24	34.6	20.2	100	100	0.56	0		34.6	20.2		395827.75	6907899.47	1095
1124844	42616	191434	59	N	2237.5		24	28.9	10.5	99	91	0.53	0		28.9	10.5		395819.64	6907889.28	1089
1124844	42616	191510	59	N	2250		24	33.7	23.6	100	100	0.56	0		33.7	23.6		395812.33	6907879.31	1085
1124844	42616	191550	59	N	2262.5		24	42.1	27.5	98	83	0.51	0		42.1	27.5		395803.74	6907866.95	1085
1124844	42616	191638	59	N	2275		24	38	27.6	99	98	0.55	0		38	27.6		395795.32	6907860.3	1084
1124844	42616	191726	59	N	2287.5		24	29.6	20.5	98	94	0.54	0		29.6	20.5		395788.24	6907850.81	1079

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	191802	59	N	2300		24	34	28.4	100	100	0.56	0		34	28.4		395779.89	6907840.52	1076
1124844	42616	191834	59	N	2312.5		24	29.5	24.7	100	100	0.56	0		29.5	24.7		395772.69	6907829.82	1072
1124844	42616	191922	59	N	2325		24	23.5	19.7	100	100	0.56	0		23.5	19.7		395766.69	6907818.01	1069
1124844	42616	192002	59	N	2337.5		24	12.6	11.9	100	100	0.56	0		12.6	11.9		395761.58	6907807.56	1063
1124844	42616	192058	59	N	2350		24	13.2	16.7	78	98	0.49	0		13.2	16.7		395762.9	6907795.52	1063
1124844	42616	192138	59	N	2362.5		24	8.5	6	100	100	0.56	0		8.5	6		395758.09	6907783.26	1063
1124844	42616	192210	59	N	2375		24	15.1	7.8	100	99	0.55	0		15.1	7.8		395751.2	6907772.77	1061
1124844	42616	192238	59	N	2387.5		24	10.2	9.4	100	100	0.56	0		10.2	9.4		395743.47	6907767.54	1057
1124844	42616	192318	59	N	2400		24	26.1	25.4	100	100	0.56	0		26.1	25.4		395734.8	6907758.35	1056
1124844	42616	192338	59	N	2400		24	25.9	26.2	100	100	0.56	1					395734.66	6907756.9	1056
1124844	42616	195542	61	N	0		24	11.8	3.1	100	100	0.56	0		11.8	3.1		395820.94	6907709.2	1068
1124844	42616	195602	61	N	0		24	8.9	-0.3	100	100	0.56	1					395821.05	6907709.19	1067
1124844	42616	195658	61	N	12.5		24	6.4	-3.4	100	97	0.55	0		6.4	-3.4		395827.83	6907720.72	1070
1124844	42616	195726	61	N	12.5		24	9.5	-3.6	100	100	0.56	1					395828.48	6907721.54	1070
1124844	42616	195802	61	N	25		24	12.4	-5.4	98	84	0.51	0		12.4	-5.4		395836.91	6907731.04	1073
1124844	42616	195842	61	N	37.5		24	7	-1.1	100	99	0.56	0		7	-1.1		395843.22	6907739.8	1076
1124844	42616	195926	61	N	50		24	0.2	-0.8	100	100	0.56	0		0.2	-0.8		395850.27	6907751.96	1078
1124844	42616	200006	61	N	62.5		24	0	-4.7	100	100	0.56	0		0	-4.7		395854.82	6907762.82	1082
1124844	42616	200046	61	N	75		24	-7	-11.3	100	100	0.56	0		-7	-11.3		395858.15	6907776.73	1084
1124844	42616	200146	61	N	87.5		24	-6.9	-11.8	100	100	0.56	0		-6.9	-11.8		395861.56	6907787.8	1085
1124844	42616	200222	61	N	100		24	-7.1	-13	99	91	0.53	0		-7.1	-13		395871.17	6907796.12	1089
1124844	42616	200310	61	N	112.5		24	-10.6	-14.3	98	75	0.49	0		-10.6	-14.3		395881.77	6907804.23	1093
1124844	42616	200354	61	N	125		24	-8.8	-12.1	100	100	0.56	0		-8.8	-12.1		395889.93	6907809.5	1096
1124844	42616	200430	61	N	137.5		24	-12.2	-10.6	100	100	0.56	0		-12.2	-10.6		395896.92	6907819.38	1099
1124844	42616	200534	61	N	150		24	-4.9	1.7	100	100	0.56	0		-4.9	1.7		395901.65	6907831.93	1100
1124844	42616	200618	61	N	162.5		24	-5.8	1.1	100	99	0.56	0		-5.8	1.1		395909.25	6907843.61	1104
1124844	42616	200654	61	N	175		24	-5.1	2.2	100	99	0.56	0		-5.1	2.2		395916.99	6907853.9	1105
1124844	42616	200734	61	N	187.5		24	-10.4	0.4	100	100	0.56	0		-10.4	0.4		395925.33	6907862.62	1109
1124844	42616	200814	61	N	200		24	-22.7	-6.1	100	100	0.56	0		-22.7	-6.1		395931.51	6907873.04	1109
1124844	42616	200854	61	N	212.5		24	-17.9	-0.7	100	100	0.56	0		-17.9	-0.7		395938.28	6907882.52	1112
1124844	42616	200930	61	N	225		24	-10	9.7	100	100	0.56	0		-10	9.7		395945.87	6907889.69	1115
1124844	42616	201002	61	N	237.5		24	-10.7	10.6	100	100	0.56	0		-10.7	10.6		395954.45	6907897.97	1117
1124844	42616	201042	61	N	250		24	-15.4	4.4	100	98	0.55	0		-15.4	4.4		395962.02	6907908.01	1120
1124844	42616	201114	61	N	262.5		24	-19.6	2.4	100	99	0.56	0		-19.6	2.4		395969.3	6907915.68	1122
1124844	42616	201202	61	N	275		24	-22.9	4	100	100	0.56	0		-22.9	4		395977.55	6907927.34	1125
1124844	42616	201246	61	N	287.5		24	-28.8	0.7	100	100	0.56	0		-28.8	0.7		395986.26	6907937.46	1127
1124844	42616	201354	61	N	300		24	-27.4	3	100	100	0.56	0		-27.4	3		395991.1	6907946.49	1131
1124844	42616	201438	61	N	312.5		24	-33.8	3.6	100	100	0.56	0		-33.8	3.6		395994.98	6907957.5	1131
1124844	42616	201526	61	N	325		24	-38.4	0.9	100	100	0.56	0		-38.4	0.9		396000.28	6907969.99	1134
1124844	42616	201626	61	N	337.5		24	-37.6	5.5	100	100	0.56	0		-37.6	5.5		396007.17	6907981.74	1137
1124844	42616	201710	61	N	350		24	-39.9	3.9	100	99	0.56	0		-39.9	3.9		396015.47	6907990.2	1139
1124844	42616	201750	61	N	362.5		24	-43.3	2.1	100	100	0.56	0		-43.3	2.1		396022.95	6908001.83	1140
1124844	42616	201826	61	N	375		24	-50.4	-2.4	100	100	0.56	0		-50.4	-2.4		396024.94	6908011.39	1142
1124844	42616	201906	61	N	387.5		24	-57.9	-6.5	100	100	0.56	0		-57.9	-6.5		396032.03	6908021.84	1143
1124844	42616	201946	61	N	400		24	-62.9	-9	100	100	0.56	0		-62.9	-9		396037.35	6908032.96	1146
1124844	42616	202030	61	N	412.5		24	-61.3	-9.4	100	100	0.56	0		-61.3	-9.4		396042.46	6908046.06	1147
1124844	42616	202106	61	N	425		24	-53.4	-2.8	100	100	0.56	0		-53.4	-2.8		396048.58	6908056.41	1150
1124844	42616	202226	61	N	437.5		24	-57.9	-32.7	100	100	0.56	0		-57.9	-32.7		396058.39	6908064.89	1152
1124844	42616	202302	61	N	450		24	-44.9	-15.6	100	99	0.56	0		-44.9	-15.6		396067.65	6908070.41	1153
1124844	42616	202402	61	N	462.5		24	-25.7	-1.5	100	100	0.56	0		-25.7	-1.5		396077.14	6908079.72	1156
1124844	42616	202442	61	N	475		24	22.1	18	100	100	0.56	0		22.1	18		396086.7	6908091.1	1157
1124844	42616	202550	61	N	487.5		24	26.3	14.9	100	100	0.56	0		26.3	14.9		396093.63	6908100.1	1158
1124844	42616	202654	61	N	500		24	26.5	9.8	100	100	0.56	0		26.5	9.8		396099.59	6908109.32	1159
1124844	42616	202738	61	N	512.5		24	15.5	1.7	100	100	0.56	0		15.5	1.7		396104.57	6908121.48	1159
1124844	42616	202826	61	N	525		24	17.9	3.1	100	99	0.56	0		17.9	3.1		396111.4	6908131.39	1161
1124844	42616	202922	61	N	537.5		24	9.5	-1.1	100	100	0.56	0		9.5	-1.1		396115.09	6908140.78	1161
1124844	42616	202954	61	N	550		24	8.4	-7.3	98	87	0.52	0		8.4	-7.3		396124.35	6908150.78	1164

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	203034	61	N	562.5		24	1.8	-5.9	100	99	0.56	0		1.8	-5.9		396131.64	6908160.7	1165
1124844	42616	203114	61	N	575		24	-2.8	-10.6	99	97	0.55	0		-2.8	-10.6		396138.79	6908171.08	1166
1124844	42616	203150	61	N	587.5		24	-6.6	-11.5	100	100	0.56	0		-6.6	-11.5		396149.6	6908179.14	1167
1124844	42616	203222	61	N	600		24	-11.6	-15.2	99	97	0.55	0		-11.6	-15.2		396156.36	6908190.22	1167
1124844	42616	203254	61	N	612.5		24	-8.4	-9.7	99	93	0.54	0		-8.4	-9.7		396163.05	6908200.72	1168
1124844	42616	203338	61	N	625		24	-13.1	-4.3	98	70	0.48	0		-13.1	-4.3		396171.69	6908212.71	1169
1124844	42616	203410	61	N	637.5		24	-20.9	-8.6	98	76	0.49	0		-20.9	-8.6		396178.28	6908222.29	1170
1124844	42616	203454	61	N	650		24	-24.7	-2.3	98	59	0.45	0		-24.7	-2.3		396183.55	6908232.48	1171
1124844	42616	203706	61	N	662.5		24	-29.5	-20.8	99	98	0.55	0		-29.5	-20.8		396190.63	6908241.78	1170
1124844	42616	203810	61	N	675		24	-29.6	-16.7	98	93	0.54	0		-29.6	-16.7		396197.29	6908255.38	1170
1124844	42616	203842	61	N	687.5		24	-35.9	-18.1	100	99	0.55	0		-35.9	-18.1		396202.9	6908265.85	1170
1124844	42616	203910	61	N	700		24	-37.7	-17.6	100	100	0.56	0		-37.7	-17.6		396208.81	6908274.2	1171
1124844	42616	204010	61	N	712.5		24	-40.5	-10.1	100	99	0.55	0		-40.5	-10.1		396218.12	6908286.94	1171
1124844	42616	204206	61	N	725		24	-48.1	-14	100	100	0.56	0		-48.1	-14		396226.72	6908296.59	1170
1124844	42616	204254	61	N	737.5		24	-41.7	-6.5	100	100	0.56	0		-41.7	-6.5		396233.6	6908306.94	1172
1124844	42616	204346	61	N	750		24	-38.9	1.6	100	99	0.56	0		-38.9	1.6		396240.08	6908317.44	1173
1124844	42616	204418	61	N	762.5		24	-26.5	8.9	99	95	0.54	0		-26.5	8.9		396248.17	6908326.75	1175
1124844	42616	204450	61	N	775		24	-27.9	12.7	100	100	0.56	0		-27.9	12.7		396258.47	6908336.15	1176
1124844	42616	204518	61	N	787.5		24	-28.1	-0.1	99	94	0.54	0		-28.1	-0.1		396263.17	6908347.66	1177
1124844	42616	204550	61	N	800		24	-32.2	4.1	100	100	0.56	0		-32.2	4.1		396271.37	6908357.51	1178
1124844	42616	204630	61	N	812.5		24	-26.3	3.2	100	100	0.56	0		-26.3	3.2		396278.4	6908367.93	1181
1124844	42616	204710	61	N	825		24	-33.2	-7.1	100	100	0.56	0		-33.2	-7.1		396286.22	6908377.51	1182
1124844	42616	204746	61	N	837.5		24	-25.8	-7.7	100	100	0.56	0		-25.8	-7.7		396292.9	6908388.83	1183
1124844	42616	204818	61	N	850		24	-11	-8.2	100	100	0.56	0		-11	-8.2		396299.31	6908398.74	1185
1124844	42616	204902	61	N	862.5		24	8.4	-7.5	100	100	0.56	0		8.4	-7.5		396307.52	6908410.88	1187
1124844	42616	204938	61	N	875		24	8.4	-9.4	100	100	0.56	0		8.4	-9.4		396310.13	6908420.28	1187
1124844	42616	205018	61	N	887.5		24	26.9	-9.2	100	100	0.56	0		26.9	-9.2		396318.12	6908431.92	1190
1124844	42616	205046	61	N	900		24	59	-3.5	100	100	0.56	0		59	-3.5		396325.24	6908440.79	1191
1124844	42616	205118	61	N	912.5		24	43.6	-10.3	100	100	0.56	0		43.6	-10.3		396332.42	6908450.6	1192
1124844	42616	205150	61	N	925		24	64.4	-2.2	100	100	0.56	0		64.4	-2.2		396341.75	6908461.22	1193
1124844	42616	205222	61	N	937.5		24	61.4	-2.7	100	100	0.56	0		61.4	-2.7		396349.25	6908472.18	1194
1124844	42616	205302	61	N	950		24	48.4	-5.4	100	100	0.56	0		48.4	-5.4		396355.28	6908483.02	1196
1124844	42616	205346	61	N	962.5		24	44.9	-9.5	100	100	0.56	0		44.9	-9.5		396363.08	6908492.8	1195
1124844	42616	205422	61	N	975		24	30.3	-18.6	100	100	0.56	0		30.3	-18.6		396368.53	6908503.93	1196
1124844	42616	205502	61	N	987.5		24	26.9	-18.9	100	100	0.56	0		26.9	-18.9		396378.11	6908518.87	1197
1124844	42616	205538	61	N	1000		24	21.4	-21	100	100	0.56	0		21.4	-21		396381.98	6908528.07	1199
1124844	42616	205614	61	N	1012.5		24	22.9	-18.6	100	99	0.56	0		22.9	-18.6		396389.95	6908536.14	1200
1124844	42616	205650	61	N	1025		24	13.3	-28.2	100	100	0.56	0		13.3	-28.2		396397.8	6908544.1	1202
1124844	42616	205718	61	N	1037.5		24	10.8	-33.9	100	99	0.56	0		10.8	-33.9		396406.01	6908551.6	1203
1124844	42616	205750	61	N	1050		24	5.3	-23.3	100	100	0.56	0		5.3	-23.3		396412.22	6908563.08	1203
1124844	42616	205830	61	N	1062.5		24	4.1	-25.9	100	100	0.56	0		4.1	-25.9		396421.81	6908573.39	1204
1124844	42616	205902	61	N	1075		24	7.3	-20.3	100	100	0.56	0		7.3	-20.3		396429.17	6908584.06	1206
1124844	42616	205930	61	N	1087.5		24	9.6	-17	100	100	0.56	0		9.6	-17		396434.39	6908593.59	1207
1124844	42616	210002	61	N	1100		24	12.1	-11.3	100	100	0.56	0		12.1	-11.3		396442.26	6908605.12	1207
1124844	42616	210034	61	N	1112.5		24	5	-16.2	100	100	0.56	0		5	-16.2		396447.18	6908617.05	1208
1124844	42616	210106	61	N	1125		24	8.1	-15.7	100	100	0.56	0		8.1	-15.7		396454.27	6908626.75	1208
1124844	42616	210138	61	N	1137.5		24	1.3	-18.6	100	100	0.56	0		1.3	-18.6		396460.79	6908636.18	1208
1124844	42616	210214	61	N	1150		24	-1.4	-18.5	100	100	0.56	0		-1.4	-18.5		396464.74	6908647.71	1210
1124844	42616	210246	61	N	1162.5		24	1.1	-17.8	100	100	0.56	0		1.1	-17.8		396471.91	6908659.89	1211
1124844	42616	210318	61	N	1175		24	9.2	-11.4	100	100	0.56	0		9.2	-11.4		396482.42	6908668.95	1211
1124844	42616	210346	61	N	1187.5		24	13.1	-8.1	100	100	0.56	0		13.1	-8.1		396490.17	6908677.53	1211
1124844	42616	210422	61	N	1200		24	10.8	-8.2	100	100	0.56	0		10.8	-8.2		396496.38	6908685.39	1211
1124844	42616	210450	61	N	1212.5		24	8.4	-8.4	100	100	0.56	0		8.4	-8.4		396502.12	6908694.87	1212
1124844	42616	210510	61	N	1212.5		24	9.5	-8.2	100	100	0.56	1					396502	6908694.89	1211
1124844	42616	211314	63	N	1200		24	-3	-10.4	100	100	0.56	0		-3	-10.4		396583.51	6908634.84	1208
1124844	42616	211342	63	N	1200		24	-14.6	-16.8	100	100	0.56	1					396583.52	6908634.7	1208
1124844	42616	211434	63	N	1187.5		24	-7.8	-14.3	100	100	0.56	0		-7.8	-14.3		396573.93	6908616.91	1208

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	211522	63	N	1175		24	-7.6	-15.9	100	100	0.56	0		-7.6	-15.9		396565.51	6908606.3	1208
1124844	42616	211558	63	N	1162.5		24	5.3	-3.2	100	100	0.56	0		5.3	-3.2		396559.06	6908597.61	1208
1124844	42616	211630	63	N	1150		24	-2.7	-11.1	100	100	0.56	0		-2.7	-11.1		396551.3	6908586.61	1207
1124844	42616	211702	63	N	1137.5		24	1.8	-7.9	100	100	0.56	0		1.8	-7.9		396542.62	6908577.59	1206
1124844	42616	211738	63	N	1125		24	3.9	-7.7	100	100	0.56	0		3.9	-7.7		396531.46	6908562.07	1205
1124844	42616	211806	63	N	1112.5		24	8.4	-7.4	100	100	0.56	0		8.4	-7.4		396525.89	6908552.89	1205
1124844	42616	211838	63	N	1100		24	10.6	-3	80	5	0.32	0		10.6	-3		396520.54	6908543.37	1204
1124844	42616	212022	63	N	1087.5		24	13	-1.9	100	99	0.56	0		13	-1.9		396511.9	6908531.44	1203
1124844	42616	212058	63	N	1075		24	7.4	-14.6	100	100	0.56	0		7.4	-14.6		396505.68	6908519.83	1202
1124844	42616	212126	63	N	1062.5		24	6	-17	98	93	0.54	0		6	-17		396496.76	6908512.05	1200
1124844	42616	212158	63	N	1050		24	9.7	-10.6	99	98	0.55	0		9.7	-10.6		396487.59	6908503.11	1200
1124844	42616	212238	63	N	1037.5		24	20	-5	100	100	0.56	0		20	-5		396481.13	6908490	1200
1124844	42616	212310	63	N	1025		24	23.9	-6.1	100	100	0.56	0		23.9	-6.1		396475.75	6908481.04	1199
1124844	42616	212350	63	N	1012.5		24	31.3	-0.4	100	100	0.56	0		31.3	-0.4		396466.93	6908472.39	1198
1124844	42616	212422	63	N	1000		24	25.6	-7.7	100	100	0.56	0		25.6	-7.7		396459.24	6908462.32	1196
1124844	42616	212510	63	N	987.5		24	27.9	-8.7	100	99	0.56	0		27.9	-8.7		396452.5	6908451.34	1196
1124844	42616	212546	63	N	975		24	26.4	-12.8	100	100	0.56	0		26.4	-12.8		396447.54	6908440.73	1193
1124844	42616	212618	63	N	962.5		24	24.3	-6.3	99	97	0.55	0		24.3	-6.3		396442.4	6908430.53	1191
1124844	42616	212646	63	N	950		24	16.7	-13	100	99	0.56	0		16.7	-13		396433.37	6908420.07	1189
1124844	42616	212722	63	N	937.5		24	20.7	-8.1	100	100	0.56	0		20.7	-8.1		396426.4	6908409.35	1188
1124844	42616	212750	63	N	925		24	12.4	-7.1	100	100	0.56	0		12.4	-7.1		396418.74	6908399.19	1188
1124844	42616	212818	63	N	912.5		24	10.6	-9.4	100	100	0.56	0		10.6	-9.4		396408.83	6908389.18	1188
1124844	42616	212850	63	N	900		24	3.3	0.8	100	100	0.56	0		3.3	0.8		396402.91	6908376.88	1186
1124844	42616	212922	63	N	887.5		24	-3.4	8.7	100	100	0.56	0		-3.4	8.7		396397.06	6908367.05	1187
1124844	42616	212954	63	N	875		24	-35.2	-0.5	100	100	0.56	0		-35.2	-0.5		396389.66	6908357.59	1184
1124844	42616	213026	63	N	862.5		24	-37	5.8	100	100	0.56	0		-37	5.8		396382.52	6908346.39	1184
1124844	42616	213050	63	N	850		24	-48.7	21.5	100	100	0.56	0		-48.7	21.5		396376.02	6908338.02	1184
1124844	42616	213138	63	N	837.5		24	-55.7	5	100	100	0.56	0		-55.7	5		396367.3	6908323.05	1184
1124844	42616	213234	63	N	825		24	-45.2	12.3	100	100	0.56	0		-45.2	12.3		396363.22	6908315.1	1184
1124844	42616	213314	63	N	812.5		24	-46.4	12.7	100	100	0.56	0		-46.4	12.7		396355.94	6908304.36	1182
1124844	42616	213342	63	N	800		24	-47.8	8.1	100	100	0.56	0		-47.8	8.1		396349.07	6908296.37	1181
1124844	42616	213410	63	N	787.5		24	-47.6	8.6	99	98	0.55	0		-47.6	8.6		396342.12	6908287.01	1179
1124844	42616	213446	63	N	775		24	-34.9	16.3	100	99	0.56	0		-34.9	16.3		396335.73	6908275.34	1180
1124844	42616	213518	63	N	762.5		24	-27.9	19.3	100	100	0.56	0		-27.9	19.3		396327.19	6908266.05	1181
1124844	42616	213550	63	N	750		24	-29.1	18.4	100	99	0.56	0		-29.1	18.4		396319.22	6908254.88	1180
1124844	42616	213618	63	N	737.5		24	-29	18.2	99	98	0.55	0		-29	18.2		396309.8	6908246.24	1181
1124844	42616	213650	63	N	725		24	-24.9	12.4	100	100	0.56	0		-24.9	12.4		396302.89	6908236.13	1180
1124844	42616	213722	63	N	712.5		24	-20.8	12	100	99	0.56	0		-20.8	12		396296.08	6908224.64	1180
1124844	42616	213758	63	N	700		24	-27.9	-0.5	100	99	0.56	0		-27.9	-0.5		396285.24	6908213.79	1180
1124844	42616	213830	63	N	687.5		24	-17.4	4.3	100	100	0.56	0		-17.4	4.3		396279.83	6908204.7	1180
1124844	42616	213906	63	N	675		24	-22.4	0.7	100	100	0.56	0		-22.4	0.7		396275.58	6908192.27	1180
1124844	42616	213946	63	N	662.5		24	-16.3	1.5	100	99	0.56	0		-16.3	1.5		396267.84	6908182.74	1179
1124844	42616	214022	63	N	650		24	-20.3	0.7	99	97	0.55	0		-20.3	0.7		396262.25	6908172.94	1178
1124844	42616	214054	63	N	637.5		24	-15.4	-3.4	100	99	0.55	0		-15.4	-3.4		396253.85	6908162.15	1179
1124844	42616	214138	63	N	625		24	-13.2	3.9	98	92	0.53	0		-13.2	3.9		396245.52	6908152.79	1176
1124844	42616	214234	63	N	612.5		24	-6	1.1	100	99	0.56	0		-6	1.1		396234.6	6908145.86	1177
1124844	42616	214414	63	N	600		24	-5.6	-3.3	100	100	0.56	0		-5.6	-3.3		396228.9	6908129.77	1176
1124844	42616	214458	63	N	587.5		24	0.5	0.4	100	100	0.56	0		0.5	0.4		396221.06	6908120.02	1174
1124844	42616	214538	63	N	575		24	0.9	0.7	100	100	0.56	0		0.9	0.7		396213.05	6908106.42	1173
1124844	42616	214610	63	N	562.5		24	9	4.6	100	100	0.56	0		9	4.6		396204.58	6908096.96	1170
1124844	42616	214642	63	N	550		24	16	6.1	100	100	0.56	0		16	6.1		396196.87	6908086.82	1170
1124844	42616	214746	63	N	537.5		24	22.2	14.4	96	99	0.54	0		22.2	14.4		396189.24	6908077.46	1168
1124844	42616	214814	63	N	525		24	28.6	18.7	99	99	0.55	0		28.6	18.7		396186.37	6908065.51	1168
1124844	42616	214850	63	N	512.5		24	30.7	22.2	100	100	0.56	0		30.7	22.2		396183.82	6908051.55	1168
1124844	42616	214922	63	N	500		24	17.5	30.9	100	100	0.56	0		17.5	30.9		396176.06	6908043.37	1167
1124844	42616	215018	63	N	487.5		24	14.5	28.2	100	100	0.56	0		14.5	28.2		396167.91	6908035.64	1165
1124844	42616	215202	63	N	475		24	-40.1	10.2	100	100	0.56	0		-40.1	10.2		396162.93	6908024.54	1165

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	215246	63	N	462.5		24	-60.9	8.5	100	100	0.56	0		-60.9	8.5		396152.76	6908013.8	1163
1124844	42616	215406	63	N	450		24	-74.6	-10.8	99	99	0.56	0		-74.6	-10.8		396147.35	6908005.42	1163
1124844	42616	215502	63	N	437.5		24	-45	1.1	98	81	1.01	0		-45	1.1		396141.66	6907993.84	1162
1124844	42616	215550	63	N	425		24	-43.5	4.4	98	65	0.93	0		-43.5	4.4		396131.65	6907987.21	1157
1124844	42616	215622	63	N	412.5		24	-38.8	6.8	89	84	0.97	0		-38.8	6.8		396125.46	6907979.27	1156
1124844	42616	215654	63	N	400		24	-36.3	11.5	87	64	0.86	0		-36.3	11.5		396116.45	6907969.75	1155
1124844	42616	215726	63	N	387.5		24	-34.6	9.7	62	89	0.86	0		-34.6	9.7		396114.99	6907955.67	1154
1124844	42616	215802	63	N	375		24	-36	14.3	47	89	0.8	0		-36	14.3		396111.8	6907943.59	1149
1124844	42616	215838	63	N	362.5		24	-26.9	11.1	91	74	0.93	0		-26.9	11.1		396103.5	6907933.39	1147
1124844	42616	215902	63	N	350		24	-24.7	10.4	89	71	0.9	0		-24.7	10.4		396096.42	6907923.9	1142
1124844	42616	215942	63	N	337.5		24	-23.8	13	81	68	0.84	0		-23.8	13		396088.27	6907916.04	1141
1124844	42616	220026	63	N	325		24	-17.1	12.4	97	50	0.86	0		-17.1	12.4		396080.25	6907903.66	1138
1124844	42616	220054	63	N	312.5		24	-16.6	11.4	93	58	0.87	0		-16.6	11.4		396072.57	6907898.41	1136
1124844	42616	220126	63	N	300		24	-19.3	6.7	93	50	0.84	0		-19.3	6.7		396062.09	6907891.04	1132
1124844	42616	220210	63	N	287.5		24	-20.6	4.8	96	53	0.88	0		-20.6	4.8		396055.92	6907879.64	1130
1124844	42616	220238	63	N	275		24	-17.6	6	90	62	0.87	0		-17.6	6		396048.45	6907870.78	1128
1124844	42616	220322	63	N	262.5		24	-17.8	4.5	79	73	0.85	0		-17.8	4.5		396046.29	6907855.1	1123
1124844	42616	220402	63	N	250		24	-14.8	5.8	76	60	0.77	0		-14.8	5.8		396033.08	6907847.37	1121
1124844	42616	220418	63	N	250		24	-13.6	4.8	80	61	0.8	1					396032.45	6907848.45	1121
1124844	42616	220450	63	N	237.5		24	-12.2	6.4	94	46	0.83	0		-12.2	6.4		396026.19	6907841.7	1121
1124844	42616	220522	63	N	225		24	-8.6	8.5	75	64	0.78	0		-8.6	8.5		396021.41	6907831.66	1117
1124844	42616	220550	63	N	212.5		24	-8.7	9.2	71	62	0.75	0		-8.7	9.2		396019.2	6907819.61	1115
1124844	42616	220618	63	N	200		24	-3.1	11	83	56	0.79	0		-3.1	11		396012.91	6907809.71	1113
1124844	42616	220650	63	N	187.5		24	-6.4	3.8	78	67	0.82	0		-6.4	3.8		396004.17	6907801.6	1111
1124844	42616	220718	63	N	175		24	-3.1	6.9	84	61	0.82	0		-3.1	6.9		396001.14	6907790.47	1110
1124844	42616	220754	63	N	162.5		24	-3.5	3	88	53	0.81	0		-3.5	3		395990.75	6907785.33	1108
1124844	42616	220810	63	N	162.5		24	-6.5	1.9	84	59	0.82	1					395990.55	6907785.22	1106
1124844	42616	220846	63	N	150		24	-5.3	1.1	78	72	0.84	0		-5.3	1.1		395982.82	6907772.76	1104
1124844	42616	220934	63	N	137.5		24	-6.8	-1	83	64	0.83	0		-6.8	-1		395975.03	6907762.35	1100
1124844	42616	221006	63	N	125		24	-1.1	-1.8	94	54	0.86	0		-1.1	-1.8		395965.49	6907750.96	1097
1124844	42616	221034	63	N	112.5		24	-1.3	-2.4	95	51	0.86	0		-1.3	-2.4		395960.11	6907743.32	1094
1124844	42616	221102	63	N	100		24	0.7	0.1	87	62	0.84	0		0.7	0.1		395953.6	6907734.54	1094
1124844	42616	221134	63	N	87.5		24	3.4	-1.2	96	58	0.89	0		3.4	-1.2		395945.62	6907724.82	1092
1124844	42616	221206	63	N	75		24	4.2	-0.1	96	62	0.91	0		4.2	-0.1		395938.19	6907714.65	1089
1124844	42616	221250	63	N	62.5		24	5.8	2	96	58	0.89	0		5.8	2		395928.15	6907707.91	1085
1124844	42616	221326	63	N	50		24	5.6	4.8	75	72	0.83	0		5.6	4.8		395923.19	6907694.52	1085
1124844	42616	221346	63	N	50		24	4.4	3.8	78	74	0.85	1					395921.81	6907694.16	1084
1124844	42616	221430	63	N	37.5		24	7.3	3.1	66	82	0.83	0		7.3	3.1		395915.13	6907681.73	1081
1124844	42616	221506	63	N	25		24	5.8	0.3	98	63	0.93	0		5.8	0.3		395916.04	6907671.76	1079
1124844	42616	221550	63	N	12.5		24	3	4.5	74	80	0.87	0		3	4.5		395908.47	6907665.77	1075
1124844	42616	221642	63	N	0		24	1.3	-2.9	98	60	0.91	0		1.3	-2.9		395900.03	6907652.81	1073
1124844	42616	230934	65	N	0		24	-20.1	5.4	98	70	0.96	0		-20.1	5.4		396580.8	6908468.63	1198
1124844	42616	230954	65	N	0		24	-20.6	5.4	98	65	0.93	1					396580.87	6908468.64	1198
1124844	42616	231046	65	N	12.5		24	-19.3	4.1	98	60	0.91	0		-19.3	4.1		396587.22	6908479.12	1198
1124844	42616	231122	65	N	25		24	-16.3	6.3	98	59	0.91	0		-16.3	6.3		396594.18	6908488.99	1199
1124844	42616	231206	65	N	37.5		24	-14.2	9.7	98	59	0.91	0		-14.2	9.7		396601.39	6908499.93	1200
1124844	42616	231234	65	N	50		24	-12	8.6	97	58	0.9	0		-12	8.6		396607.34	6908512.03	1199
1124844	42616	231310	65	N	62.5		24	-13.4	7.5	98	49	0.87	0		-13.4	7.5		396619.01	6908519.73	1201
1124844	42616	231338	65	N	75		24	-8.9	5.2	98	65	0.93	0		-8.9	5.2		396627.71	6908531.58	1202
1124844	42616	231406	65	N	87.5		24	-7.9	6.1	98	54	0.89	0		-7.9	6.1		396635.8	6908541.63	1203
1124844	42616	231430	65	N	100		24	-7.4	6.8	98	57	0.9	0		-7.4	6.8		396641.15	6908549.99	1204
1124844	42616	231458	65	N	112.5		24	-5.8	8.7	98	68	0.95	0		-5.8	8.7		396645.96	6908560.71	1204
1124844	42616	231534	65	N	125		24	-6.9	5.2	98	67	0.94	0		-6.9	5.2		396653.52	6908571.46	1205
1124844	42616	231602	65	N	137.5		24	-5.7	6.5	97	72	0.96	0		-5.7	6.5		396660.45	6908581.71	1205
1124844	42616	231630	65	N	150		24	-4.8	5.1	98	47	0.86	0		-4.8	5.1		396668.92	6908590.81	1205
1124844	42616	231658	65	N	162.5		24	-1.4	3.7	98	69	0.95	0		-1.4	3.7		396675.89	6908601.61	1204
1124844	42616	231734	65	N	175		24	0.7	10	98	63	0.92	0		0.7	10		396682.46	6908613.3	1205

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	231758	65	N	187.5		24	2.9	7.2	98	58	0.9	0		2.9	7.2		396688.84	6908623.88	1205
1124844	42616	231826	65	N	200		24	2.7	6.9	98	73	0.97	0		2.7	6.9		396695.84	6908635.21	1205
1124844	42616	231854	65	N	212.5		24	-1.2	1.7	98	66	0.94	0		-1.2	1.7		396705.38	6908641.29	1204
1124844	42616	231926	65	N	225		24	0.7	3.7	98	65	0.94	0		0.7	3.7		396713.46	6908654.75	1203
1124844	42616	231950	65	N	237.5		24	-0.8	2.6	98	67	0.94	0		-0.8	2.6		396719.67	6908662.46	1202
1124844	42616	232018	65	N	250		24	-5.8	-3	98	64	0.93	0		-5.8	-3		396726.91	6908673.05	1202
1124844	42616	232046	65	N	262.5		24	-5.3	-2.9	98	70	0.96	0		-5.3	-2.9		396735.23	6908682.63	1201
1124844	42616	232114	65	N	275		24	-2.7	-0.3	98	67	0.94	0		-2.7	-0.3		396743.99	6908693.1	1201
1124844	42616	232142	65	N	287.5		24	0.9	1.4	98	78	0.99	0		0.9	1.4		396750.18	6908703.55	1201
1124844	42616	232210	65	N	300		24	-1.8	-1.5	97	90	1.05	0		-1.8	-1.5		396754.09	6908714.67	1200
1124844	42616	232238	65	N	312.5		24	-3.2	-2.4	94	87	1.02	0		-3.2	-2.4		396761.7	6908726.12	1199
1124844	42616	232306	65	N	325		24	-0.1	-1.5	98	89	1.05	0		-0.1	-1.5		396771.73	6908735.36	1198
1124844	42616	232334	65	N	337.5		24	0.9	2.4	97	96	1.09	0		0.9	2.4		396778.74	6908744.97	1197
1124844	42616	232406	65	N	350		24	1	1.1	94	97	1.08	0		1	1.1		396783.83	6908757.95	1197
1124844	42616	232434	65	N	362.5		24	-1	2.7	99	97	1.1	0		-1	2.7		396791.32	6908768.36	1196
1124844	42616	232506	65	N	375		24	-17.6	-2.3	98	99	1.11	0		-17.6	-2.3		396802.37	6908779.27	1195
1124844	42616	232534	65	N	387.5		24	-30.1	-4.8	98	80	1.01	0		-30.1	-4.8		396809.64	6908786.9	1194
1124844	42616	232610	65	N	400		24	-25.2	0.3	98	80	1	0		-25.2	0.3		396816.71	6908796.15	1194
1124844	42616	232638	65	N	412.5		24	-18.9	2.7	96	80	1	0		-18.9	2.7		396823.29	6908806.92	1193
1124844	42616	232706	65	N	425		24	-17.1	3.5	96	87	1.03	0		-17.1	3.5		396831.03	6908816.59	1192
1124844	42616	232734	65	N	437.5		24	-17	0.1	92	92	1.03	0		-17	0.1		396839.05	6908826.28	1192
1124844	42616	232806	65	N	450		24	-14.7	0.2	96	87	1.03	0		-14.7	0.2		396846.03	6908837.97	1191
1124844	42616	232834	65	N	462.5		24	-14.1	0.1	98	80	1	0		-14.1	0.1		396853.53	6908848.25	1191
1124844	42616	232858	65	N	475		24	-11.6	2	98	81	1.01	0		-11.6	2		396860.29	6908858.52	1191
1124844	42616	232930	65	N	487.5		24	-6.7	5.2	95	93	1.06	0		-6.7	5.2		396866.77	6908870.73	1190
1124844	42616	232958	65	N	500		24	-8.2	3.6	99	98	1.11	0		-8.2	3.6		396873.86	6908884.24	1188
1124844	42616	233022	65	N	512.5		24	-21.1	-1.2	88	98	1.04	0		-21.1	-1.2		396879.83	6908893.89	1187
1124844	42616	233050	65	N	525		24	-24.6	-5.2	98	92	1.07	0		-24.6	-5.2		396891.41	6908901.6	1187
1124844	42616	233118	65	N	537.5		24	-26.7	-8.1	98	94	1.08	0		-26.7	-8.1		396899.61	6908912.48	1186
1124844	42616	233138	65	N	537.5		24	-27.9	-8.1	98	88	1.05	1					396899.51	6908912.41	1186
1124844	42616	233946	67	N	537.5		24	3.6	-0.1	98	83	1.02	0		3.6	-0.1		397020.72	6908820	1206
1124844	42616	234006	67	N	537.5		24	5.9	3.6	98	85	1.03	1					397020.96	6908819.69	1206
1124844	42616	234034	67	N	525		24	6.2	3.3	98	81	1.01	0		6.2	3.3		397014.75	6908808.71	1207
1124844	42616	234202	67	N	512.5		24	13.3	7.1	98	80	1	0		13.3	7.1		397005.85	6908799.99	1209
1124844	42616	234234	67	N	500		24	13.9	9.9	98	75	0.98	0		13.9	9.9		396997.64	6908790.04	1209
1124844	42616	234302	67	N	487.5		24	12.6	7.4	98	86	1.04	0		12.6	7.4		396990.26	6908778.36	1208
1124844	42616	234330	67	N	475		24	9.9	3.1	99	96	1.1	0		9.9	3.1		396983.53	6908771.05	1209
1124844	42616	234402	67	N	462.5		24	6.6	0.8	98	86	1.04	0		6.6	0.8		396974.56	6908758.78	1208
1124844	42616	234434	67	N	450		24	11.7	4.8	98	76	0.98	0		11.7	4.8		396965.04	6908747.11	1208
1124844	42616	234458	67	N	437.5		24	16.3	6.8	98	72	0.97	0		16.3	6.8		396958.92	6908739.77	1209
1124844	42616	234526	67	N	425		24	16.7	10	98	73	0.97	0		16.7	10		396951.8	6908730.93	1209
1124844	42616	234558	67	N	412.5		24	21.8	10	98	80	1.01	0		21.8	10		396941.97	6908722.28	1208
1124844	42616	234634	67	N	400		24	19.1	8	98	91	1.06	0		19.1	8		396936.59	6908711.98	1209
1124844	42616	234710	67	N	387.5		24	15.7	3.2	100	99	1.11	0		15.7	3.2		396930.35	6908700.83	1209
1124844	42616	234746	67	N	375		24	18.8	6	99	93	1.08	0		18.8	6		396921.07	6908691.02	1209
1124844	42616	234822	67	N	362.5		24	25	10.6	99	95	1.09	0		25	10.6		396913.93	6908677.93	1210
1124844	42616	234850	67	N	350		24	19.8	4.7	100	100	1.12	0		19.8	4.7		396906.52	6908666.41	1209
1124844	42616	234930	67	N	337.5		24	18.4	5.9	98	86	1.04	0		18.4	5.9		396897.32	6908656.99	1208
1124844	42616	235006	67	N	325		24	10.1	5.2	98	92	1.07	0		10.1	5.2		396891.72	6908648	1208
1124844	42616	235042	67	N	312.5		24	3.5	2.4	100	100	1.12	0		3.5	2.4		396885.06	6908637.15	1209
1124844	42616	235110	67	N	300		24	-4.5	3.2	99	94	1.08	0		-4.5	3.2		396879.72	6908627.08	1211
1124844	42616	235154	67	N	287.5		24	-3.5	5.9	99	98	1.11	0		-3.5	5.9		396873.72	6908616.18	1209
1124844	42616	235626	67	N	275		24	3.8	15.1	98	70	0.96	0		3.8	15.1		396864.25	6908604.44	1209
1124844	42616	235658	67	N	262.5		24	-0.8	11.6	98	73	0.97	0		-0.8	11.6		396856.71	6908594.22	1209
1124844	42616	235730	67	N	250		24	-17.1	-0.6	98	72	0.96	0		-17.1	-0.6		396849.87	6908582.67	1208
1124844	42616	235758	67	N	237.5		24	-5.9	3.9	98	56	0.9	0		-5.9	3.9		396842.94	6908572.28	1208
1124844	42616	235822	67	N	225		24	-9	1.6	98	39	0.84	0		-9	1.6		396836.26	6908563.77	1207

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	235850	67	N	212.5		24	-4.6	0.3	98	50	0.87	0		-4.6	0.3		396828.8	6908554.33	1207
1124844	42616	235906	67	N	212.5		24	-1.1	3.3	98	43	0.85	1					396828.73	6908554.17	1207
1124844	42616	235934	67	N	200		24	10.1	4.9	98	37	0.83	0		10.1	4.9		396821.66	6908543.85	1207
1124844	42616	6	67	N	187.5		24	16.1	10.4	98	35	0.83	0		16.1	10.4		396813.52	6908532.19	1207
1124844	42616	34	67	N	175		24	9.8	4.5	98	46	0.86	0		9.8	4.5		396806.59	6908523.37	1206
1124844	42616	106	67	N	162.5		24	21.2	11.2	98	51	0.88	0		21.2	11.2		396798.11	6908510.91	1206
1124844	42616	138	67	N	150		24	27.5	16.9	98	41	0.85	0		27.5	16.9		396791.51	6908501.25	1206
1124844	42616	210	67	N	137.5		24	42	26.6	98	37	0.83	0		42	26.6		396784.11	6908490.84	1205
1124844	42616	242	67	N	125		24	-36	76	100	99	1.12	0		-36	76		396776.48	6908480.14	1205
1124844	42616	322	67	N	112.5		24	20.3	41.5	99	65	0.94	0		20.3	41.5		396765.91	6908468.78	1205
1124844	42616	406	67	N	100		24	-19.6	62.8	100	100	1.12	0		-19.6	62.8		396760.66	6908459.61	1203
1124844	42616	442	67	N	87.5		24	41.9	24.8	98	67	0.94	0		41.9	24.8		396752.53	6908450.33	1203
1124844	42616	514	67	N	75		24	40.4	22.5	98	49	0.88	0		40.4	22.5		396745.3	6908438.29	1202
1124844	42616	546	67	N	62.5		24	29.6	13.3	98	44	0.85	0		29.6	13.3		396737.7	6908429.06	1202
1124844	42616	614	67	N	50		24	13.1	-0.6	100	100	1.13	0		13.1	-0.6		396731.07	6908421.29	1203
1124844	42616	646	67	N	37.5		24	-34.6	74.6	101	100	1.13	0		-34.6	74.6		396725.92	6908408.18	1203
1124844	42616	722	67	N	25		24	22	12.2	98	78	1	0		22	12.2		396719.33	6908397.88	1202
1124844	42616	754	67	N	12.5		24	24.5	15.4	98	34	0.83	0		24.5	15.4		396711.48	6908387.89	1203
1124844	42616	822	67	N	0		24	-25.6	63	101	100	1.13	0		-25.6	63		396703.35	6908376.71	1202
8042728	42615	185634	52	N	850		24	11.6	-3.5	96	54	1.76	0		11.6	-3.5		395809.91	6908778.13	1263
8042728	42615	185650	52	N	850		24	12.3	-4.6	95	55	1.75	1					395809.87	6908778.51	1263
8042728	42615	185706	52	N	850		24	10.9	-3.9	99	52	1.79	1					395809.87	6908778.59	1263
8042728	42615	185806	52	N	837.5		24	5.3	-6	95	50	1.71	0		5.3	-6		395801.47	6908769	1263
8042728	42615	185922	52	N	825		24	3.4	-6.1	95	50	1.7	0		3.4	-6.1		395793.95	6908759.58	1266
8042728	42615	185954	52	N	812.5		24	1	-4.7	90	52	1.65	0		1	-4.7		395785.99	6908750.09	1270
8042728	42615	190026	52	N	800		24	-0.2	-4.2	85	58	1.64	0		-0.2	-4.2		395779.26	6908739.85	1272
8042728	42615	190058	52	N	787.5		24	-0.2	-3.2	90	51	1.65	0		-0.2	-3.2		395773.24	6908729.59	1275
8042728	42615	190130	52	N	775		24	-0.4	-2.7	97	41	1.67	0		-0.4	-2.7		395764.99	6908718.09	1278
8042728	42615	190158	52	N	762.5		24	0.8	-1.7	81	54	1.55	0		0.8	-1.7		395758.86	6908708.54	1280
8042728	42615	190222	52	N	750		24	0.4	-1.6	89	49	1.61	0		0.4	-1.6		395752.21	6908698.23	1280
8042728	42615	190250	52	N	737.5		24	-1.1	-1	89	47	1.61	0		-1.1	-1		395745.77	6908687.68	1281
8042728	42615	190318	52	N	725		24	-1.8	-2.6	74	60	1.52	0		-1.8	-2.6		395739.47	6908675.91	1281
8042728	42615	190346	52	N	712.5		24	-2	-2.6	89	47	1.6	0		-2	-2.6		395731.42	6908665.26	1279
8042728	42615	190414	52	N	700		24	-4.3	-2.9	87	48	1.58	0		-4.3	-2.9		395723.37	6908652.13	1277
8042728	42615	190434	52	N	687.5		24	-4.7	-2.8	92	48	1.65	0		-4.7	-2.8		395718.9	6908644.01	1276
8042728	42615	190458	52	N	675		24	-3.4	-1.7	86	51	1.6	0		-3.4	-1.7		395713.59	6908635.68	1274
8042728	42615	190530	52	N	662.5		24	-3.1	-1.7	87	53	1.62	0		-3.1	-1.7		395706.51	6908625.07	1272
8042728	42615	190554	52	N	650		24	-7.2	-0.2	95	52	1.73	0		-7.2	-0.2		395699.09	6908616.23	1268
8042728	42615	190618	52	N	637.5		24	-9.5	-1.3	99	51	1.78	0		-9.5	-1.3		395692.06	6908606.77	1266
8042728	42615	190646	52	N	625		24	-14.8	-1.5	92	56	1.73	0		-14.8	-1.5		395682.16	6908595.39	1263
8042728	42615	190714	52	N	612.5		24	-28.8	-9.1	90	60	1.73	0		-28.8	-9.1		395674.7	6908582.82	1263
8042728	42615	190746	52	N	600		24	-30.9	-9.5	76	58	1.51	0		-30.9	-9.5		395668.75	6908572.01	1263
8042728	42615	190810	52	N	587.5		24	-27.9	-9.4	86	48	1.57	0		-27.9	-9.4		395664.1	6908563.2	1264
8042728	42615	190838	52	N	575		24	-26.9	-7.3	74	53	1.45	0		-26.9	-7.3		395659.25	6908551.47	1263
8042728	42615	190906	52	N	562.5		24	-27.2	-8.7	81	42	1.46	0		-27.2	-8.7		395654.8	6908539.22	1260
8042728	42615	190934	52	N	550		24	-24.6	-8	78	41	1.4	0		-24.6	-8		395648.26	6908529.82	1257
8042728	42615	191002	52	N	537.5		24	-21.6	-7	78	41	1.41	0		-21.6	-7		395641.22	6908521.35	1257
8042728	42615	191030	52	N	525		24	-18.4	-5.8	75	44	1.38	0		-18.4	-5.8		395633.3	6908512.12	1252
8042728	42615	191050	52	N	525		24	-17.4	-5.3	82	39	1.44	1					395633.52	6908513.57	1254
8042728	42615	191106	52	N	525		24	-19.6	-4.9	75	42	1.37	1					395633.75	6908512.65	1252
8042728	42615	191134	52	N	512.5		24	-17	-3	78	45	1.44	0		-17	-3		395626.31	6908503.73	1254
8042728	42615	191206	52	N	500		24	-15.2	-4.6	82	38	1.44	0		-15.2	-4.6		395623.33	6908491.85	1246
8042728	42615	191242	52	N	487.5		24	-14.6	-1.2	73	47	1.38	0		-14.6	-1.2		395613.34	6908484.8	1243
8042728	42615	191318	52	N	475		24	-13	-2.3	86	34	1.48	0		-13	-2.3		395603.44	6908475.97	1244
8042728	42615	191350	52	N	462.5		24	-11	-1.2	71	49	1.37	0		-11	-1.2		395599.57	6908465.5	1238
8042728	42615	191426	52	N	450		24	-9.8	-0.5	73	51	1.43	0		-9.8	-0.5		395594.99	6908455.66	1235
8042728	42615	191458	52	N	437.5		24	-9.7	2	73	51	1.43	0		-9.7	2		395588.09	6908443.67	1236

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	191514	52	N	437.5		24	-9.6	1.5	72	54	1.43	1					395588.45	6908444.63	1236
8042728	42615	191546	52	N	425		24	-11.6	2.8	74	53	1.45	0		-11.6	2.8		395581.43	6908432.64	1233
8042728	42615	191638	52	N	412.5		24	-20.9	-3.1	101	22	1.64	0		-20.9	-3.1		395573.54	6908422.57	1232
8042728	42615	191706	52	N	400		24	-26.8	-6.6	94	25	1.55	0		-26.8	-6.6		395568.09	6908414.55	1234
8042728	42615	191754	52	N	387.5		24	-27.4	-6.2	85	34	1.47	0		-27.4	-6.2		395559.99	6908407.62	1233
8042728	42615	191834	52	N	375		24	-30.9	-8.2	85	32	1.45	0		-30.9	-8.2		395549.66	6908397.66	1228
8042728	42615	191902	52	N	362.5		24	-31.9	-9.2	84	27	1.41	0		-31.9	-9.2		395540.13	6908389.57	1224
8042728	42615	191930	52	N	362.5		24	-31.2	-8.9	77	36	1.36	1					395543.6	6908389.26	1227
8042728	42615	192002	52	N	350		24	-30.1	-8	69	44	1.3	0		-30.1	-8		395538.6	6908379.98	1228
8042728	42615	192034	52	N	337.5		24	-26.4	-6.5	76	36	1.34	0		-26.4	-6.5		395532.29	6908366.33	1219
8042728	42615	192058	52	N	325		24	-24.8	-6.4	74	39	1.33	0		-24.8	-6.4		395522.54	6908356.51	1222
8042728	42615	192130	52	N	312.5		24	-22.2	-4.2	63	46	1.25	0		-22.2	-4.2		395518.45	6908345.62	1221
8042728	42615	192158	52	N	300		24	-21.7	-3.3	64	49	1.28	0		-21.7	-3.3		395513.76	6908335.26	1217
8042728	42615	192226	52	N	287.5		24	-19.8	-2.6	64	46	1.26	0		-19.8	-2.6		395510.03	6908323.33	1214
8042728	42615	192254	52	N	275		24	-18.3	0	46	59	1.2	0		-18.3	0		395503.27	6908312.81	1213
8042728	42615	192342	52	N	262.5		24	-16.7	-1.4	70	43	1.3	0		-16.7	-1.4		395496	6908302.38	1212
8042728	42615	192410	52	N	250		24	-14.6	0	85	25	1.41	0		-14.6	0		395489.12	6908293.09	1211
8042728	42615	192434	52	N	237.5		24	-12.2	1.1	90	16	1.45	0		-12.2	1.1		395478.6	6908287.73	1210
8042728	42615	192514	52	N	225		24	-16.8	-1.3	95	19	1.54	0		-16.8	-1.3		395469.24	6908275.5	1207
8042728	42615	192554	52	N	212.5		24	-18	-3.9	77	44	1.42	0		-18	-3.9		395464.1	6908267.39	1206
8042728	42615	192630	52	N	200		24	-18.5	-3.9	83	34	1.43	0		-18.5	-3.9		395458.22	6908259.18	1202
8042728	42615	192706	52	N	187.5		24	-18.1	-1.9	72	45	1.36	0		-18.1	-1.9		395450.57	6908247.68	1205
8042728	42615	192742	52	N	175		24	-16.1	-1.7	75	44	1.38	0		-16.1	-1.7		395443.5	6908235.41	1197
8042728	42615	192814	52	N	162.5		24	-15.1	0	83	37	1.45	0		-15.1	0		395438.17	6908226.4	1197
8042728	42615	192838	52	N	150		24	-14.9	-1	85	34	1.45	0		-14.9	-1		395437.85	6908227.13	1194
8042728	42615	192918	52	N	150		24	-17.2	-1.7	83	37	1.44	1					395431.03	6908218.38	1195
8042728	42615	192958	52	N	137.5		24	-18.7	-2.4	72	46	1.36	0		-18.7	-2.4		395425.28	6908207.01	1193
8042728	42615	193038	52	N	125		24	-18.4	-2	76	42	1.39	0		-18.4	-2		395416.37	6908194.36	1190
8042728	42615	193142	52	N	112.5		24	-19.3	-2	67	48	1.32	0		-19.3	-2		395410.99	6908184.47	1190
8042728	42615	193214	52	N	100		24	-20.1	-1.6	62	51	1.28	0		-20.1	-1.6		395408.72	6908172.99	1188
8042728	42615	193250	52	N	87.5		24	-20.1	-2.2	67	46	1.3	0		-20.1	-2.2		395402.34	6908164.5	1186
8042728	42615	193322	52	N	75		24	-17.9	-2.4	79	34	1.38	0		-17.9	-2.4		395396.8	6908155.84	1188
8042728	42615	193358	52	N	62.5		24	-17.3	-2.7	79	34	1.37	0		-17.3	-2.7		395387.63	6908146.28	1183
8042728	42615	193434	52	N	50		24	-18.4	-2.8	70	46	1.34	0		-18.4	-2.8		395381.26	6908138.34	1181
8042728	42615	193510	52	N	37.5		24	-17.9	-4.7	75	36	1.33	0		-17.9	-4.7		395372.56	6908126.72	1178
8042728	42615	193546	52	N	25		24	-17.2	-4	72	38	1.29	0		-17.2	-4		395366.01	6908116.77	1174
8042728	42615	193630	52	N	12.5		24	-16.5	-2.9	79	33	1.37	0		-16.5	-2.9		395361.91	6908106.41	1172
8042728	42615	193734	52	N	0		24	-15.1	-2.5	69	38	1.26	0		-15.1	-2.5		395355.8	6908099.93	1170
8042728	42615	193818	52	N	-12.5		24	-11.4	0	55	54	1.24	0		-11.4	0		395352.33	6908086.99	1162
8042728	42615	193906	52	N	-25		24	-14.7	-3.7	71	35	1.26	0		-14.7	-3.7		395343.12	6908075.83	1156
8042728	42615	193946	52	N	-37.5		24	-13	-2.5	72	36	1.29	0		-13	-2.5		395336.34	6908069.29	1158
8042728	42615	194022	52	N	-50		24	-15.8	-5.2	75	33	1.31	0		-15.8	-5.2		395330.13	6908057.77	1154
8042728	42615	194102	52	N	-62.5		24	-16.4	-5.8	65	43	1.24	0		-16.4	-5.8		395321.66	6908051.49	1150
8042728	42615	194130	52	N	-75		24	-15.6	-6.3	68	38	1.24	0		-15.6	-6.3		395317.02	6908041.74	1145
8042728	42615	194146	52	N	-75		24	-16.7	-5.6	66	42	1.25	1					395316.2	6908039.59	1142
8042728	42615	194202	52	N	-75		24	-16.1	-5.1	66	42	1.25	1					395316.32	6908036.17	1150
8042728	42615	195350	54	N	-12.5		24	20.9	4.8	77	27	1.3	0		20.9	4.8		395450.36	6907967.59	1154
8042728	42615	195406	54	N	-12.5		24	21.3	4	77	30	1.32	1					395450.28	6907967.22	1154
8042728	42615	195438	54	N	0		24	-22.8	-5	72	29	1.25	0		-22.8	-5		395450.22	6907967.54	1154
8042728	42615	195522	54	N	12.5		24	-22.8	-6	70	33	1.24	0		-22.8	-6		395458.45	6907979.44	1151
8042728	42615	195614	54	N	25		24	-23.6	-3	65	39	1.22	0		-23.6	-3		395463.85	6907992.28	1156
8042728	42615	195646	54	N	37.5		24	-22.6	-3.1	61	41	1.18	0		-22.6	-3.1		395466.89	6908000.68	1159
8042728	42615	195726	54	N	50		24	-20.8	-2.2	66	35	1.2	0		-20.8	-2.2		395473.54	6908012.68	1159
8042728	42615	195802	54	N	62.5		24	-23.3	-3.5	69	37	1.25	0		-23.3	-3.5		395482.21	6908024.92	1163
8042728	42615	195850	54	N	75		24	-24.8	-4.3	70	33	1.23	0		-24.8	-4.3		395486.93	6908033.67	1163
8042728	42615	195926	54	N	87.5		24	-22.9	-3.4	71	34	1.26	0		-22.9	-3.4		395492.51	6908042.15	1163
8042728	42615	195958	54	N	100		24	-27	-3.4	60	43	1.18	0		-27	-3.4		395497.81	6908052.88	1166

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	200106	54	N	112.5		24	-24.5	-2.3	68	34	1.21	0		-24.5	-2.3		395506.77	6908065.12	1171
8042728	42615	200146	54	N	125		24	-22.2	-0.3	78	24	1.3	0		-22.2	-0.3		395515.62	6908072.58	1170
8042728	42615	200222	54	N	137.5		24	-23.4	-1.7	74	29	1.27	0		-23.4	-1.7		395524.17	6908084.42	1169
8042728	42615	200254	54	N	150		24	-24.4	-1	82	15	1.33	0		-24.4	-1		395530.22	6908089.76	1173
8042728	42615	200330	54	N	162.5		24	-25.5	-3.3	84	3	1.33	0		-25.5	-3.3		395539.37	6908098.95	1171
8042728	42615	200410	54	N	175		24	-27.3	-5.7	76	20	1.26	0		-27.3	-5.7		395547.63	6908108.54	1175
8042728	42615	200450	54	N	187.5		24	-31.8	-7.7	77	25	1.28	0		-31.8	-7.7		395554.01	6908121.71	1170
8042728	42615	200542	54	N	200		24	-31.1	-5.2	77	29	1.31	0		-31.1	-5.2		395559.22	6908131.38	1173
8042728	42615	200626	54	N	212.5		24	-31.6	-6.4	66	39	1.23	0		-31.6	-6.4		395567.41	6908140.98	1175
8042728	42615	200702	54	N	225		24	-27.8	-2.7	77	31	1.32	0		-27.8	-2.7		395569.91	6908151.71	1177
8042728	42615	200742	54	N	237.5		24	-28.5	-2.1	82	21	1.35	0		-28.5	-2.1		395580.89	6908157.4	1181
8042728	42615	200818	54	N	250		24	-28.8	-3.5	84	19	1.37	0		-28.8	-3.5		395586.54	6908167.49	1179
8042728	42615	200858	54	N	262.5		24	-30.4	-4.2	74	35	1.3	0		-30.4	-4.2		395595.47	6908178.67	1177
8042728	42615	200930	54	N	275		24	-31	-7	70	43	1.31	0		-31	-7		395605.38	6908187.03	1181
8042728	42615	201002	54	N	287.5		24	-21.6	-1.9	78	38	1.38	0		-21.6	-1.9		395611.18	6908197.03	1184
8042728	42615	201050	54	N	300		24	-17.2	3	75	37	1.34	0		-17.2	3		395615.54	6908204.74	1185
8042728	42615	201130	54	N	312.5		24	-15.2	3.7	63	45	1.23	0		-15.2	3.7		395622.8	6908218.2	1186
8042728	42615	201202	54	N	325		24	-16.6	3	64	43	1.23	0		-16.6	3		395630.45	6908226.76	1189
8042728	42615	201254	54	N	337.5		24	-17.3	4	64	40	1.21	0		-17.3	4		395633.56	6908240.53	1189
8042728	42615	201346	54	N	350		24	-18.9	3.7	59	43	1.17	0		-18.9	3.7		395642.24	6908251.74	1193
8042728	42615	201422	54	N	362.5		24	-19.8	3.4	63	41	1.2	0		-19.8	3.4		395647.81	6908260.05	1193
8042728	42615	201502	54	N	375		24	-18.5	2.8	64	37	1.18	0		-18.5	2.8		395653.49	6908270.34	1195
8042728	42615	201538	54	N	387.5		24	-22.9	-0.4	61	38	1.15	0		-22.9	-0.4		395658.41	6908277.24	1196
8042728	42615	201642	54	N	400		24	-24.8	-3.2	69	28	1.19	0		-24.8	-3.2		395666.61	6908290.53	1199
8042728	42615	201718	54	N	412.5		24	-23.3	-3	71	31	1.24	0		-23.3	-3		395674.83	6908298.8	1201
8042728	42615	201754	54	N	425		24	-24.1	-3.4	70	32	1.23	0		-24.1	-3.4		395687.41	6908308.82	1204
8042728	42615	201838	54	N	437.5		24	-22.8	-5.3	69	31	1.21	0		-22.8	-5.3		395691.41	6908315.75	1204
8042728	42615	201918	54	N	450		24	-21.3	-3.1	70	35	1.25	0		-21.3	-3.1		395700.12	6908326.23	1205
8042728	42615	201954	54	N	462.5		24	-13.9	0.6	66	41	1.25	0		-13.9	0.6		395706.64	6908335.01	1206
8042728	42615	202038	54	N	475		24	-14.5	-0.5	69	34	1.23	0		-14.5	-0.5		395710.09	6908344.91	1208
8042728	42615	202122	54	N	487.5		24	-16.9	-0.2	61	40	1.17	0		-16.9	-0.2		395718.94	6908352.94	1212
8042728	42615	202610	54	N	500		24	-16.8	-2.7	64	36	1.17	0		-16.8	-2.7		395726.14	6908366.01	1213
8042728	42615	202642	54	N	512.5		24	-13.6	2.2	65	37	1.19	0		-13.6	2.2		395730.58	6908376.22	1215
8042728	42615	202722	54	N	525		24	-14.4	2.4	72	27	1.22	0		-14.4	2.4		395740.16	6908385.35	1217
8042728	42615	202850	54	N	537.5		24	-18.3	1	61	34	1.12	0		-18.3	1		395745.55	6908397.96	1221
8042728	42615	202934	54	N	550		24	-20.3	-3.1	68	22	1.14	0		-20.3	-3.1		395756.17	6908406.8	1226
8042728	42615	203018	54	N	562.5		24	-23.4	-3.5	69	26	1.18	0		-23.4	-3.5		395760.43	6908416.68	1225
8042728	42615	203058	54	N	575		24	-24	-6	69	22	1.16	0		-24	-6		395766.57	6908425.08	1226
8042728	42615	203134	54	N	587.5		24	-26.1	-4.1	70	25	1.19	0		-26.1	-4.1		395769.9	6908435.05	1231
8042728	42615	203218	54	N	600		24	-25.9	-5	64	32	1.14	0		-25.9	-5		395777.75	6908443.55	1231
8042728	42615	203306	54	N	612.5		24	-30.9	-5.2	60	34	1.1	0		-30.9	-5.2		395783.36	6908451.12	1231
8042728	42615	203346	54	N	625		24	-33.4	-8.1	57	38	1.09	0		-33.4	-8.1		395791.66	6908462.58	1238
8042728	42615	203434	54	N	637.5		24	-36.6	-10.4	56	39	1.08	0		-36.6	-10.4		395795.89	6908474.84	1235
8042728	42615	203518	54	N	650		24	-37.5	-9.3	65	33	1.16	0		-37.5	-9.3		395803.33	6908485.41	1237
8042728	42615	203554	54	N	662.5		24	-40.9	-9	60	40	1.15	0		-40.9	-9		395808.36	6908494.93	1238
8042728	42615	203630	54	N	675		24	-43.7	-11.5	58	43	1.15	0		-43.7	-11.5		395819.11	6908505.31	1238
8042728	42615	203714	54	N	687.5		24	-42.1	-11.7	72	33	1.27	0		-42.1	-11.7		395829.42	6908508.55	1240
8042728	42615	203802	54	N	700		24	-45.5	-13.6	73	38	1.32	0		-45.5	-13.6		395835.53	6908520.18	1238
8042728	42615	203846	54	N	712.5		24	-34	-6.2	67	58	1.41	0		-34	-6.2		395842.97	6908531.96	1239
8042728	42615	203926	54	N	725		24	-26.2	-2.1	55	61	1.31	0		-26.2	-2.1		395848.55	6908542.65	1239
8042728	42615	204010	54	N	737.5		24	-20.2	1.8	79	44	1.45	0		-20.2	1.8		395854.46	6908552.77	1242
8042728	42615	204046	54	N	750		24	-14.8	3.6	78	41	1.41	0		-14.8	3.6		395862.77	6908563.71	1241
8042728	42615	204118	54	N	762.5		24	-16.1	4.4	70	48	1.36	0		-16.1	4.4		395870.24	6908569.98	1240
8042728	42615	204210	54	N	775		24	-13.6	4.1	76	38	1.35	0		-13.6	4.1		395876.47	6908580.9	1240
8042728	42615	204246	54	N	787.5		24	-14.5	4.1	67	44	1.28	0		-14.5	4.1		395885.37	6908590.99	1243
8042728	42615	204330	54	N	800		24	-18.3	1.4	52	55	1.21	0		-18.3	1.4		395891.14	6908599.71	1243
8042728	42615	204418	54	N	812.5		24	-18.8	-1.1	47	58	1.19	0		-18.8	-1.1		395892.74	6908611.08	1246

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	204522	54	N	825		24	-17.7	1.6	23	60	1.03	0		-17.7	1.6		395892.43	6908626.97	1249
8042728	42615	204726	54	N	837.5		24	-18.5	0.8	72	38	1.3	0		-18.5	0.8		395903.82	6908634.76	1247
8042728	42615	204826	54	N	850		24	-19.7	-0.5	77	36	1.36	0		-19.7	-0.5		395911.72	6908638.85	1243
8042728	42615	204906	54	N	862.5		24	-16.5	-1.2	79	35	1.38	0		-16.5	-1.2		395919.84	6908645.86	1242
8042728	42615	205006	54	N	875		24	-15.3	1.3	75	42	1.37	0		-15.3	1.3		395928.69	6908654.8	1242
8042728	42615	205022	54	N	875		24	-15.3	3.2	74	44	1.37	1					395928.85	6908654.54	1243
8042728	42615	205058	54	N	887.5		24	-13.3	1.9	70	46	1.34	0		-13.3	1.9		395935.7	6908663.23	1243
8042728	42615	205126	54	N	887.5		24	-13.7	2.6	71	46	1.36	1					395935.65	6908662.63	1244
8042728	42615	205142	54	N	887.5		24	-14.6	2.2	67	48	1.32	1					395935.3	6908662.71	1242
8042728	42615	213730	56	N	1200		24	14.6	3.7	69	38	1.26	0		14.6	3.7		396257.74	6908867.48	1224
8042728	42615	213746	56	N	1200		24	13.8	4.3	67	41	1.25	1					396257.67	6908867.52	1224
8042728	42615	213802	56	N	1200		24	15.4	4.5	70	36	1.26	1					396257.4	6908864.77	1211
8042728	42615	213918	56	N	1187.5		24	13.3	2.1	69	38	1.26	0		13.3	2.1		396248.46	6908855.17	1228
8042728	42615	213950	56	N	1175		24	14	0.4	73	35	1.3	0		14	0.4		396241.48	6908844.25	1218
8042728	42615	214122	56	N	1162.5		24	16	-0.1	81	31	1.38	0		16	-0.1		396233.09	6908830.92	1220
8042728	42615	214150	56	N	1150		24	15.6	-0.4	68	42	1.28	0		15.6	-0.4		396228.4	6908823.88	1222
8042728	42615	214222	56	N	1137.5		24	16.9	-0.8	72	40	1.32	0		16.9	-0.8		396221.57	6908812.22	1222
8042728	42615	214258	56	N	1125		24	16.7	-1.6	75	38	1.35	0		16.7	-1.6		396217.37	6908802.53	1222
8042728	42615	214410	56	N	1112.5		24	18.4	-1.6	79	40	1.42	0		18.4	-1.6		396210.28	6908790.6	1222
8042728	42615	214438	56	N	1100		24	18.8	-4.5	84	36	1.46	0		18.8	-4.5		396203.49	6908782.4	1223
8042728	42615	214514	56	N	1087.5		24	18.2	-6	81	42	1.45	0		18.2	-6		396195.33	6908773.16	1225
8042728	42615	214546	56	N	1075		24	17	-7.5	79	42	1.43	0		17	-7.5		396187.8	6908761.19	1221
8042728	42615	214614	56	N	1062.5		24	17.4	-7.3	78	42	1.41	0		17.4	-7.3		396180.31	6908750.17	1222
8042728	42615	214650	56	N	1050		24	17.4	-7.9	81	40	1.43	0		17.4	-7.9		396174.51	6908742.11	1223
8042728	42615	214722	56	N	1037.5		24	17.3	-8.9	79	39	1.4	0		17.3	-8.9		396165.45	6908732.37	1221
8042728	42615	214738	56	N	1037.5		24	17.5	-9.2	80	39	1.43	1					396165.31	6908731.97	1221
8042728	42615	214754	56	N	1037.5		24	18	-9.4	80	41	1.43	1					396164.76	6908731.22	1223
8042728	42615	214922	56	N	1025		24	19	-6.3	91	32	1.53	0		19	-6.3		396157.25	6908722.74	1221
8042728	42615	214954	56	N	1012.5		24	19.1	-7.4	91	33	1.55	0		19.1	-7.4		396148.93	6908712.45	1220
8042728	42615	215026	56	N	1000		24	17	-8.5	96	33	1.62	0		17	-8.5		396140.36	6908704.77	1220
8042728	42615	215058	56	N	987.5		24	14.5	-10.8	91	46	1.62	0		14.5	-10.8		396135.02	6908695.96	1220
8042728	42615	215154	56	N	975		24	11.1	-12.3	87	45	1.56	0		11.1	-12.3		396124.56	6908684.62	1219
8042728	42615	215226	56	N	962.5		24	11.1	-12.2	78	56	1.54	0		11.1	-12.2		396119.46	6908678.55	1225
8042728	42615	215258	56	N	950		24	6.7	-11	81	55	1.56	0		6.7	-11		396111.05	6908667.11	1219
8042728	42615	215330	56	N	937.5		24	-4.7	-15	70	59	1.46	0		-4.7	-15		396103.16	6908654.82	1218
8042728	42615	215406	56	N	925		24	-11.1	-15.3	63	55	1.33	0		-11.1	-15.3		396096.23	6908644.78	1217
8042728	42615	215438	56	N	912.5		24	-8	-13.9	79	40	1.41	0		-8	-13.9		396090	6908635.51	1216
8042728	42615	215506	56	N	900		24	-8.5	-12.5	62	52	1.29	0		-8.5	-12.5		396084.78	6908626.65	1219
8042728	42615	215554	56	N	887.5		24	-7.3	-11.4	65	51	1.32	0		-7.3	-11.4		396076.63	6908613.99	1216
8042728	42615	215630	56	N	875		24	-4.5	-6.4	53	57	1.25	0		-4.5	-6.4		396069.11	6908600.97	1212
8042728	42615	215714	56	N	862.5		24	0.1	-4.5	74	43	1.36	0		0.1	-4.5		396063.26	6908590.79	1215
8042728	42615	215742	56	N	850		24	2	-3.2	78	43	1.43	0		2	-3.2		396056.21	6908581.74	1209
8042728	42615	215810	56	N	837.5		24	4.3	-1.2	62	57	1.34	0		4.3	-1.2		396048.91	6908572.1	1216
8042728	42615	215850	56	N	825		24	6.1	0.4	59	63	1.37	0		6.1	0.4		396041.83	6908560.84	1207
8042728	42615	215930	56	N	812.5		24	5.8	2.4	70	62	1.48	0		5.8	2.4		396035.28	6908550.57	1209
8042728	42615	220026	56	N	800		24	0.2	1.6	71	63	1.51	0		0.2	1.6		396032.42	6908543.11	1212
8042728	42615	220110	56	N	787.5		24	-9	-3	75	61	1.55	0		-9	-3		396024.62	6908532.76	1214
8042728	42615	220326	56	N	775		24	-11.1	-2.1	46	77	1.43	0		-11.1	-2.1		396020.78	6908521.26	1213
8042728	42615	220414	56	N	775		24	-11.2	-2.3	41	74	1.36	1					396021.87	6908522.22	1209
8042728	42615	220454	56	N	762.5		24	-12.4	-1	65	66	1.48	0		-12.4	-1		396018.22	6908510.3	1208
8042728	42615	220534	56	N	750		24	-18.7	-4.6	93	46	1.65	0		-18.7	-4.6		396008.88	6908498.07	1208
8042728	42615	220606	56	N	737.5		24	-23.2	-5.8	91	42	1.6	0		-23.2	-5.8		396003.08	6908491.98	1207
8042728	42615	220646	56	N	725		24	-29.9	-8.1	84	52	1.58	0		-29.9	-8.1		395992.71	6908482.8	1205
8042728	42615	220714	56	N	712.5		24	-39	-13	88	32	1.5	0		-39	-13		395984.62	6908472.7	1203
8042728	42615	220754	56	N	700		24	-39.1	-13.8	73	41	1.34	0		-39.1	-13.8		395976.33	6908463.17	1199
8042728	42615	220822	56	N	687.5		24	-37.1	-11.9	70	39	1.27	0		-37.1	-11.9		395971.09	6908455.54	1203
8042728	42615	220858	56	N	675		24	-30.4	-9.3	71	31	1.23	0		-30.4	-9.3		395961.13	6908442.48	1201

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	220926	56	N	662.5		24	-27.8	-8.8	74	24	1.25	0		-27.8	-8.8		395952.35	6908434.63	1201
8042728	42615	221006	56	N	650		24	-28.5	-10.4	69	28	1.19	0		-28.5	-10.4		395945.74	6908426.73	1200
8042728	42615	221042	56	N	637.5		24	-25.8	-8.6	68	30	1.19	0		-25.8	-8.6		395937.94	6908418.78	1198
8042728	42615	221114	56	N	625		24	-22.7	-6.5	55	40	1.08	0		-22.7	-6.5		395931.46	6908406.81	1198
8042728	42615	221158	56	N	612.5		24	-17	-6.7	59	36	1.1	0		-17	-6.7		395922.5	6908396.61	1196
8042728	42615	221230	56	N	600		24	-12.9	-3.5	65	31	1.16	0		-12.9	-3.5		395915.59	6908386.05	1195
8042728	42615	221258	56	N	587.5		24	-12.7	-5.8	56	38	1.09	0		-12.7	-5.8		395907.69	6908378.7	1193
8042728	42615	221514	56	N	575		24	-9.7	-6	56	38	1.07	0		-9.7	-6		395902.83	6908363.22	1194
8042728	42615	221554	56	N	562.5		24	-8.1	-5.3	54	38	1.06	0		-8.1	-5.3		395895.76	6908357.96	1189
8042728	42615	221618	56	N	550		24	-5.5	-5.5	49	40	1.01	0		-5.5	-5.5		395893.16	6908347.49	1190
8042728	42615	221646	56	N	537.5		24	-0.1	-4.5	100	85	1.04	0		-0.1	-4.5		395889.33	6908336.09	1187
8042728	42615	221714	56	N	525		24	4.4	-2.8	114	73	1.08	0		4.4	-2.8		395878.41	6908323.41	1184
8042728	42615	221750	56	N	512.5		24	6.2	-1.7	124	67	1.12	0		6.2	-1.7		395872.2	6908315.3	1182
8042728	42615	221818	56	N	500		24	1.9	-3.8	58	37	1.11	0		1.9	-3.8		395865.36	6908306.02	1181
8042728	42615	221842	56	N	487.5		24	4.7	-4.7	54	38	1.06	0		4.7	-4.7		395861.17	6908298.78	1178
8042728	42615	221914	56	N	475		24	8.3	-3.9	57	38	1.09	0		8.3	-3.9		395852.74	6908281.31	1178
8042728	42615	221942	56	N	462.5		24	8.5	-3.5	63	38	1.18	0		8.5	-3.5		395848.17	6908272.14	1174
8042728	42615	222022	56	N	450		24	8.4	-4.5	65	38	1.2	0		8.4	-4.5		395841.27	6908261.74	1177
8042728	42615	222102	56	N	437.5		24	6	-3.7	63	43	1.21	0		6	-3.7		395835.5	6908249.67	1173
8042728	42615	222126	56	N	425		24	2.4	-5	70	36	1.27	0		2.4	-5		395831.02	6908238.45	1170
8042728	42615	222214	56	N	412.5		24	-7	-9.2	67	40	1.24	0		-7	-9.2		395823.7	6908230.05	1170
8042728	42615	222330	56	N	400		24	-10.5	-9.5	67	37	1.21	0		-10.5	-9.5		395817.91	6908223.83	1170
8042728	42615	222402	56	N	387.5		24	-11.7	-8.3	66	35	1.2	0		-11.7	-8.3		395809.79	6908212.93	1169
8042728	42615	222434	56	N	375		24	-12.4	-7.2	67	33	1.19	0		-12.4	-7.2		395800.13	6908203.7	1167
8042728	42615	222502	56	N	362.5		24	-13.6	-8.5	63	33	1.13	0		-13.6	-8.5		395794.41	6908193.65	1165
8042728	42615	222530	56	N	350		24	-12.2	-5	65	35	1.18	0		-12.2	-5		395786.1	6908183.15	1164
8042728	42615	222602	56	N	337.5		24	-12.9	-5.8	65	33	1.17	0		-12.9	-5.8		395778.62	6908173.89	1161
8042728	42615	222634	56	N	325		24	-13	-4.7	59	39	1.13	0		-13	-4.7		395771.06	6908165.64	1162
8042728	42615	222706	56	N	312.5		24	-13.9	-5.1	44	50	1.06	0		-13.9	-5.1		395763.95	6908157.7	1163
8042728	42615	222738	56	N	300		24	-10.9	-2.3	60	40	1.15	0		-10.9	-2.3		395754.88	6908146.82	1158
8042728	42615	222802	56	N	287.5		24	-16	-5.4	69	33	1.21	0		-16	-5.4		395749.24	6908136.17	1160
8042728	42615	222834	56	N	275		24	-25.3	-8.9	66	31	1.16	0		-25.3	-8.9		395739.56	6908126.65	1154
8042728	42615	222914	56	N	262.5		24	-21.3	-7.9	65	27	1.12	0		-21.3	-7.9		395731.38	6908120.22	1152
8042728	42615	222950	56	N	250		24	-20.1	-7.1	55	36	1.05	0		-20.1	-7.1		395726.04	6908108.92	1155
8042728	42615	223018	56	N	237.5		24	-19.1	-6.5	53	37	1.04	0		-19.1	-6.5		395717.53	6908095.79	1149
8042728	42615	223042	56	N	225		24	-23.1	-7.5	55	36	1.04	0		-23.1	-7.5		395716.26	6908089.15	1149
8042728	42615	223114	56	N	212.5		24	-22	-7.7	55	34	1.03	0		-22	-7.7		395709.88	6908077.88	1148
8042728	42615	223142	56	N	200		24	-22.5	-8	58	30	1.05	0		-22.5	-8		395701.86	6908065.73	1145
8042728	42615	223210	56	N	187.5		24	-26.1	-10.7	59	30	1.05	0		-26.1	-10.7		395696.82	6908056.1	1142
8042728	42615	223254	56	N	175		24	-23.9	-11.9	56	32	1.03	0		-23.9	-11.9		395688.25	6908047.53	1142
8042728	42615	223322	56	N	162.5		24	-24.6	-10.7	53	37	1.03	0		-24.6	-10.7		395679.23	6908033.53	1144
8042728	42615	223350	56	N	150		24	-24.3	-10.7	55	34	1.02	0		-24.3	-10.7		395676.1	6908024.54	1140
8042728	42615	223418	56	N	137.5		24	-21.8	-11.5	53	31	0.98	0		-21.8	-11.5		395672.22	6908014.8	1139
8042728	42615	223450	56	N	125		24	-21.7	-11.3	60	25	1.03	0		-21.7	-11.3		395664.58	6908006.81	1136
8042728	42615	223522	56	N	112.5		24	-23.6	-10.4	62	21	1.04	0		-23.6	-10.4		395652.79	6907999.49	1133
8042728	42615	223554	56	N	100		24	-22.6	-12.5	59	27	1.04	0		-22.6	-12.5		395645.93	6907990.71	1132
8042728	42615	223622	56	N	87.5		24	-18.8	-11.8	62	25	1.07	0		-18.8	-11.8		395635.55	6907980.87	1136
8042728	42615	223650	56	N	75		24	-20.8	-12.5	52	31	0.96	0		-20.8	-12.5		395627.87	6907967.23	1130
8042728	42615	223722	56	N	62.5		24	-19.6	-10.8	52	32	0.98	0		-19.6	-10.8		395624.06	6907959.85	1128
8042728	42615	223746	56	N	50		24	-18.1	-10.6	54	31	0.99	0		-18.1	-10.6		395619.22	6907948.83	1128
8042728	42615	223818	56	N	37.5		24	-14.1	-10.8	56	31	1.02	0		-14.1	-10.8		395612.37	6907938.39	1123
8042728	42615	223846	56	N	25		24	-14	-11.2	53	31	0.98	0		-14	-11.2		395605.64	6907928.18	1122
8042728	42615	223922	56	N	12.5		24	-16.1	-13.6	54	32	0.99	0		-16.1	-13.6		395601.03	6907919.11	1119
8042728	42615	223950	56	N	0		24	-17.9	-13.9	53	30	0.97	0		-17.9	-13.9		395595.12	6907906.91	1117
8042728	42615	224018	56	N	-12.5		24	-16.6	-13.5	51	30	0.94	0		-16.6	-13.5		395589.38	6907907.01	1122
8042728	42615	224050	56	N	-25		24	-17.1	-14.7	48	34	0.94	0		-17.1	-14.7		395586.66	6907884.89	1115
8042728	42615	224118	56	N	-37.5		24	-16.4	-18	105	63	0.97	0		-16.4	-18		395580.24	6907876.17	1111

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	224202	56	N	-50		24	-14.1	-18.2	94	72	0.94	0		-14.1	-18.2		395571.37	6907870.08	1111
8042728	42615	224222	56	N	-50		24	-15.6	-16.9	112	55	0.99	1					395570.98	6907868.52	1109
8042728	42615	225906	58	N	0		24	-23.6	-13.9	106	74	1.03	0		-23.6	-13.9		395656.46	6907825.2	1082
8042728	42615	225930	58	N	0		24	-23.2	-10.6	118	65	1.07	1					395656	6907825.73	1081
8042728	42615	230010	58	N	12.5		24	-23.7	-13.4	110	81	1.09	0		-23.7	-13.4		395660.98	6907836.25	1089
8042728	42615	230102	58	N	25		24	-21.3	-11	127	61	1.12	0		-21.3	-11		395670.54	6907844.08	1085
8042728	42615	230202	58	N	37.5		24	-21.2	-10	66	30	1.17	0		-21.2	-10		395676.19	6907855.74	1091
8042728	42615	230242	58	N	50		24	-16.5	-4.4	67	29	1.17	0		-16.5	-4.4		395681.76	6907869.14	1089
8042728	42615	230334	58	N	62.5		24	-13.5	-1.9	67	26	1.16	0		-13.5	-1.9		395688.22	6907877.55	1091
8042728	42615	230510	58	N	75		24	-17.1	-2.5	63	32	1.13	0		-17.1	-2.5		395694.96	6907885.27	1095
8042728	42615	230550	58	N	87.5		24	-16.9	-5.6	62	32	1.12	0		-16.9	-5.6		395702.85	6907896.32	1092
8042728	42615	230706	58	N	100		24	-18.2	-6.7	68	24	1.15	0		-18.2	-6.7		395708.31	6907908.45	1096
8042728	42615	230746	58	N	112.5		24	-18.7	-6	72	16	1.18	0		-18.7	-6		395715.52	6907916.36	1097
8042728	42615	230846	58	N	125		24	-21.2	-7.1	65	32	1.16	0		-21.2	-7.1		395724.74	6907923.34	1100
8042728	42615	230942	58	N	137.5		24	-22	-7.4	73	20	1.2	0		-22	-7.4		395729.31	6907930.45	1106
8042728	42615	231022	58	N	150		24	-24.7	-11.6	63	31	1.12	0		-24.7	-11.6		395737.52	6907940.68	1107
8042728	42615	231138	58	N	162.5		24	-29.2	-15	65	28	1.13	0		-29.2	-15		395747.67	6907953.96	1110
8042728	42615	231214	58	N	175		24	-28	-8.7	70	26	1.19	0		-28	-8.7		395753.78	6907962.46	1115
8042728	42615	231246	58	N	187.5		24	-28.6	-8.8	68	27	1.16	0		-28.6	-8.8		395761.5	6907969.27	1112
8042728	42615	231346	58	N	200		24	-27.5	-6.2	75	22	1.25	0		-27.5	-6.2		395768.76	6907978.57	1119
8042728	42615	231426	58	N	212.5		24	-29.7	-5.6	70	32	1.22	0		-29.7	-5.6		395775.14	6907989.13	1119
8042728	42615	231510	58	N	225		24	-29.6	-2.2	71	36	1.27	0		-29.6	-2.2		395782.97	6908003.05	1118
8042728	42615	231602	58	N	237.5		24	-28.3	-3.2	74	31	1.28	0		-28.3	-3.2		395787.41	6908009.62	1118
8042728	42615	231654	58	N	250		24	-28.8	-0.9	65	40	1.22	0		-28.8	-0.9		395793.75	6908019.74	1120
8042728	42615	231738	58	N	262.5		24	-27.9	-0.6	77	28	1.32	0		-27.9	-0.6		395801.92	6908031.32	1123
8042728	42615	231858	58	N	275		24	-30.1	-1.1	60	47	1.22	0		-30.1	-1.1		395805.78	6908043.15	1125
8042728	42615	232018	58	N	287.5		24	-27.5	-1.5	81	22	1.34	0		-27.5	-1.5		395812.23	6908049.86	1124
8042728	42615	232134	58	N	300		24	-28.7	-0.2	81	28	1.37	0		-28.7	-0.2		395820.66	6908059.39	1128
8042728	42615	232226	58	N	312.5		24	-27.9	0.1	74	43	1.37	0		-27.9	0.1		395829.31	6908069.87	1133
8042728	42615	232302	58	N	325		24	-24.3	2.2	72	45	1.35	0		-24.3	2.2		395832.39	6908079.76	1132
8042728	42615	232350	58	N	337.5		24	-20.9	3.8	80	31	1.36	0		-20.9	3.8		395839.57	6908086.23	1130
8042728	42615	232438	58	N	350		24	-23.6	3.1	72	35	1.28	0		-23.6	3.1		395844.93	6908097.32	1137
8042728	42615	232534	58	N	362.5		24	-22.5	3	61	49	1.26	0		-22.5	3		395852.93	6908110.32	1136
8042728	42615	232618	58	N	375		24	-19.7	2.7	77	34	1.35	0		-19.7	2.7		395860.07	6908119.94	1140
8042728	42615	232654	58	N	387.5		24	-21.7	1.3	76	31	1.3	0		-21.7	1.3		395865.56	6908125.4	1141
8042728	42615	232746	58	N	400		24	-22.3	0.8	71	38	1.29	0		-22.3	0.8		395872.95	6908136.86	1144
8042728	42615	232830	58	N	412.5		24	-22.6	-2.9	84	20	1.37	0		-22.6	-2.9		395879.34	6908147.39	1145
8042728	42615	232910	58	N	425		24	-24.7	-4.4	78	31	1.34	0		-24.7	-4.4		395884.16	6908147.31	1145
8042728	42615	232942	58	N	437.5		24	-24.7	-3.9	77	39	1.37	0		-24.7	-3.9		395888.22	6908157.8	1147
8042728	42615	233010	58	N	450		24	-22	-3	74	48	1.41	0		-22	-3		395895.81	6908169.57	1147
8042728	42615	233046	58	N	462.5		24	-17	-2	87	37	1.5	0		-17	-2		395899.63	6908181.16	1151
8042728	42615	233126	58	N	475		24	-15.9	-4.4	69	55	1.41	0		-15.9	-4.4		395907.12	6908187.29	1151
8042728	42615	233230	58	N	487.5		24	-6.6	-2.1	102	9	1.63	0		-6.6	-2.1		395916.41	6908195.74	1155
8042728	42615	233250	58	N	487.5		24	-7	-1.7	101	14	1.62	1					395916.81	6908196.06	1153
8042728	42615	233326	58	N	475		24	-7.3	-2.7	102	12	1.63	0		-7.3	-2.7		395917.02	6908196.39	1152
8042728	42615	233422	58	N	487.5		24	-9.4	-4	102	15	1.64	0		-9.4	-4		395926.78	6908196.55	1152
8042728	42615	233506	58	N	500		24	-10.2	-5	93	33	1.57	0		-10.2	-5		395936.84	6908203.93	1154
8042728	42615	233558	58	N	512.5		24	-8.8	-4.8	84	44	1.51	0		-8.8	-4.8		395940.58	6908214.64	1158
8042728	42615	233654	58	N	512.5		24	-8.4	-4.6	87	42	1.54	1					395940.56	6908214.74	1158
8042728	42615	233734	58	N	512.5		24	-10.5	-5.1	78	51	1.48	1					395940.37	6908214.86	1159
1124844	42615	185742	51	N	850		24	5.8	5	86	39	1.51	0		5.8	5		395769.53	6908777.42	1268
1124844	42615	185758	51	N	850		24	5.9	4.8	88	36	1.52	1					395769.46	6908777.68	1268
1124844	42615	185914	51	N	837.5		24	-2.7	1.8	93	31	1.56	0		-2.7	1.8		395760.63	6908767.42	1268
1124844	42615	185946	51	N	825		24	-7.5	0	83	36	1.44	0		-7.5	0		395753.33	6908757.04	1269
1124844	42615	190022	51	N	812.5		24	-8.1	0.7	85	26	1.42	0		-8.1	0.7		395747.23	6908746.06	1272
1124844	42615	190054	51	N	800		24	-8.2	2.1	78	34	1.37	0		-8.2	2.1		395738.63	6908736.17	1273
1124844	42615	190122	51	N	787.5		24	-6.4	3.2	78	31	1.34	0		-6.4	3.2		395732.07	6908727.06	1274

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	190154	51	N	775		24	-4.5	5.1	86	19	1.41	0		-4.5	5.1		395725.44	6908715.53	1275
1124844	42615	190226	51	N	762.5		24	-6.6	5.6	87	18	1.42	0		-6.6	5.6		395716.04	6908707.46	1275
1124844	42615	190322	51	N	750		24	-7.8	5.5	86	19	1.4	0		-7.8	5.5		395716.03	6908693.65	1278
1124844	42615	190354	51	N	737.5		24	-7.6	6.7	80	31	1.37	0		-7.6	6.7		395707.86	6908684.37	1277
1124844	42615	190430	51	N	725		24	-6.7	5.7	80	35	1.39	0		-6.7	5.7		395700.73	6908671.96	1276
1124844	42615	190502	51	N	712.5		24	-9.6	4.8	80	30	1.36	0		-9.6	4.8		395694.46	6908661.92	1276
1124844	42615	190542	51	N	700		24	-10.3	7.2	71	44	1.34	0		-10.3	7.2		395685.93	6908653.19	1272
1124844	42615	190622	51	N	687.5		24	-7.8	8.9	76	39	1.37	0		-7.8	8.9		395675.83	6908645.4	1268
1124844	42615	190654	51	N	675		24	-6.3	10.2	81	38	1.42	0		-6.3	10.2		395667.61	6908635.93	1261
1124844	42615	190722	51	N	662.5		24	-10.4	9.6	83	39	1.46	0		-10.4	9.6		395661.83	6908623.89	1260
1124844	42615	190754	51	N	650		24	-16.2	7.5	81	42	1.45	0		-16.2	7.5		395656.51	6908614.08	1260
1124844	42615	190826	51	N	637.5		24	-22.6	5.3	73	56	1.47	0		-22.6	5.3		395649.21	6908600.79	1259
1124844	42615	190858	51	N	625		24	-39.6	-1.6	77	37	1.36	0		-39.6	-1.6		395643.17	6908590.42	1259
1124844	42615	190930	51	N	612.5		24	-38.2	-1.5	68	36	1.23	0		-38.2	-1.5		395635.62	6908579.99	1259
1124844	42615	191010	51	N	600		24	-35	-0.7	75	22	1.25	0		-35	-0.7		395629.32	6908570.61	1258
1124844	42615	191102	51	N	587.5		24	-33.4	0.6	73	27	1.24	0		-33.4	0.6		395620.55	6908562.1	1257
1124844	42615	191134	51	N	575		24	-29.6	0.4	81	17	1.31	0		-29.6	0.4		395614.25	6908552.72	1252
1124844	42615	191214	51	N	562.5		24	-27.7	4.4	75	14	1.22	0		-27.7	4.4		395605.48	6908543.61	1249
1124844	42615	191242	51	N	550		24	-24.6	7.4	70	25	1.19	0		-24.6	7.4		395596.81	6908533.59	1245
1124844	42615	191314	51	N	537.5		24	-23.3	9.4	66	29	1.16	0		-23.3	9.4		395591.14	6908523.01	1245
1124844	42615	191346	51	N	525		24	-17.1	9.7	75	24	1.25	0		-17.1	9.7		395584.59	6908510.69	1241
1124844	42615	191426	51	N	512.5		24	-15.3	12.9	75	22	1.25	0		-15.3	12.9		395576.72	6908501.98	1240
1124844	42615	191458	51	N	500		24	-16.7	8.9	78	20	1.28	0		-16.7	8.9		395570.02	6908493.23	1239
1124844	42615	191534	51	N	487.5		24	-18.6	8.1	73	27	1.23	0		-18.6	8.1		395560.56	6908483.58	1234
1124844	42615	191758	51	N	475		24	-19	9.7	69	32	1.22	0		-19	9.7		395559.09	6908470.05	1233
1124844	42615	191830	51	N	462.5		24	-19.4	10.6	69	33	1.22	0		-19.4	10.6		395552.54	6908461.02	1233
1124844	42615	191854	51	N	450		24	-28.1	5.1	64	40	1.2	0		-28.1	5.1		395546.85	6908450.49	1233
1124844	42615	191922	51	N	437.5		24	-32.2	2.9	71	30	1.24	0		-32.2	2.9		395538.66	6908441.51	1231
1124844	42615	191950	51	N	425		24	-32.9	5	65	36	1.18	0		-32.9	5		395529.18	6908429.07	1229
1124844	42615	192018	51	N	412.5		24	-31.5	4.4	71	21	1.18	0		-31.5	4.4		395524.51	6908420.03	1227
1124844	42615	192046	51	N	400		24	-34.5	1.6	75	22	1.24	0		-34.5	1.6		395515.93	6908409.24	1224
1124844	42615	192114	51	N	387.5		24	-31.6	0.6	77	-1	1.23	0		-31.6	0.6		395507.47	6908398.84	1223
1124844	42615	192146	51	N	375		24	-28.6	2.9	78	-4	1.25	0		-28.6	2.9		395495.26	6908392.39	1222
1124844	42615	192546	51	N	362.5		24	-30.3	3.8	69	23	1.17	0		-30.3	3.8		395490.27	6908382.7	1223
1124844	42615	192618	51	N	350		24	-31	3.5	69	22	1.16	0		-31	3.5		395485.78	6908370.93	1219
1124844	42615	192650	51	N	337.5		24	-26.3	5.2	71	19	1.17	0		-26.3	5.2		395477.79	6908360.25	1216
1124844	42615	192718	51	N	325		24	-22.8	7.2	70	21	1.17	0		-22.8	7.2		395470.43	6908349.34	1214
1124844	42615	192746	51	N	312.5		24	-21.5	6.9	68	28	1.18	0		-21.5	6.9		395465.17	6908339.46	1214
1124844	42615	192818	51	N	300		24	-21.8	6.6	74	22	1.24	0		-21.8	6.6		395457.1	6908327.75	1209
1124844	42615	192850	51	N	287.5		24	-18.2	11.2	71	26	1.2	0		-18.2	11.2		395449.54	6908314.78	1206
1124844	42615	192930	51	N	275		24	-15.8	10.7	77	13	1.24	0		-15.8	10.7		395439.3	6908303.08	1204
1124844	42615	193002	51	N	262.5		24	-18	8.5	76	19	1.25	0		-18	8.5		395432.67	6908294.83	1202
1124844	42615	193030	51	N	250		24	-22.3	5.8	72	22	1.2	0		-22.3	5.8		395426.72	6908286.38	1201
1124844	42615	193122	51	N	237.5		24	-23.7	4.2	69	27	1.17	0		-23.7	4.2		395421.74	6908277.98	1199
1124844	42615	193150	51	N	225		24	-23.5	5.4	70	25	1.18	0		-23.5	5.4		395415.61	6908267.31	1195
1124844	42615	193222	51	N	212.5		24	-19	8.3	71	24	1.19	0		-19	8.3		395407.18	6908258.19	1191
1124844	42615	193250	51	N	200		24	-19	7.9	73	15	1.19	0		-19	7.9		395399.25	6908248.84	1188
1124844	42615	193318	51	N	187.5		24	-20.4	7.8	68	27	1.17	0		-20.4	7.8		395390.55	6908238.94	1185
1124844	42615	193346	51	N	175		24	-22.1	6.8	72	26	1.22	0		-22.1	6.8		395383.12	6908224.61	1181
1124844	42615	193414	51	N	162.5		24	-27.2	3.4	69	25	1.17	0		-27.2	3.4		395377.06	6908218.2	1183
1124844	42615	193442	51	N	150		24	-26.2	3.9	68	24	1.15	0		-26.2	3.9		395367.94	6908203.77	1179
1124844	42615	193514	51	N	137.5		24	-24.9	5.1	69	23	1.16	0		-24.9	5.1		395364.56	6908195.76	1178
1124844	42615	193550	51	N	125		24	-29.5	3.4	57	34	1.06	0		-29.5	3.4		395358.22	6908183.7	1176
1124844	42615	193630	51	N	112.5		24	-25.8	4.8	64	25	1.09	0		-25.8	4.8		395348.86	6908175.6	1174
1124844	42615	193710	51	N	100		24	-26.8	2.4	69	18	1.14	0		-26.8	2.4		395346.8	6908163.21	1171
1124844	42615	193746	51	N	87.5		24	-30	3.4	60	27	1.05	0		-30	3.4		395335.97	6908153.76	1169
1124844	42615	193822	51	N	75		24	-30	1.2	63	26	1.09	0		-30	1.2		395331.01	6908143.83	1162

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	193854	51	N	62.5		24	-29.2	0.3	61	26	1.06	0		-29.2	0.3		395326.53	6908134.57	1164
1124844	42615	193926	51	N	50		24	-30.7	2.2	50	34	0.98	0		-30.7	2.2		395319.3	6908125.79	1161
1124844	42615	194014	51	N	37.5		24	-26.1	4.4	59	28	1.04	0		-26.1	4.4		395309.34	6908114.14	1157
1124844	42615	194058	51	N	25		24	-25.6	3	64	18	1.06	0		-25.6	3		395302.07	6908105.26	1156
1124844	42615	194130	51	N	12.5		24	-22.9	4.3	56	30	1.02	0		-22.9	4.3		395293.8	6908094.98	1156
1124844	42615	194214	51	N	0		24	-24.5	2.1	61	25	1.05	0		-24.5	2.1		395285.23	6908082.21	1152
1124844	42615	194234	51	N	0		24	-25	2.6	61	24	1.04	1					395284.99	6908081	1151
1124844	42615	195446	53	N	0		24	-17.1	-13	66	19	1.1	0		-17.1	-13		395407.31	6907994.18	1158
1124844	42615	195506	53	N	0		24	-17.2	-12.8	65	17	1.08	1					395407.36	6907994.27	1157
1124844	42615	195546	53	N	12.5		24	-16.2	-10.6	54	34	1.03	0		-16.2	-10.6		395413.36	6908005.69	1160
1124844	42615	195626	53	N	25		24	-13.7	-9.4	62	25	1.06	0		-13.7	-9.4		395419.83	6908016.96	1162
1124844	42615	195702	53	N	37.5		24	-14.8	-8.3	58	30	1.04	0		-14.8	-8.3		395428.18	6908026.04	1165
1124844	42615	195738	53	N	50		24	-14.6	-10.8	63	24	1.08	0		-14.6	-10.8		395436.07	6908036.8	1168
1124844	42615	195806	53	N	62.5		24	-15.3	-8	69	19	1.14	0		-15.3	-8		395442.59	6908045.06	1167
1124844	42615	195854	53	N	75		24	-15	-8.4	62	29	1.08	0		-15	-8.4		395450.56	6908056.4	1171
1124844	42615	195930	53	N	87.5		24	-15.2	-8.3	63	25	1.08	0		-15.2	-8.3		395455.77	6908066.38	1174
1124844	42615	200006	53	N	100		24	-15.8	-9.6	62	26	1.08	0		-15.8	-9.6		395460.91	6908077.83	1176
1124844	42615	200038	53	N	112.5		24	-15.9	-7.1	65	24	1.11	0		-15.9	-7.1		395470.39	6908086.34	1177
1124844	42615	200122	53	N	125		24	-15.1	-7.4	59	31	1.06	0		-15.1	-7.4		395478.58	6908098.64	1177
1124844	42615	200202	53	N	137.5		24	-20.3	-9.6	60	28	1.06	0		-20.3	-9.6		395483.79	6908111.23	1177
1124844	42615	200238	53	N	150		24	-21.7	-12.4	54	34	1.03	0		-21.7	-12.4		395492.79	6908120.88	1177
1124844	42615	200310	53	N	162.5		24	-23	-11.6	58	32	1.06	0		-23	-11.6		395501.38	6908127.92	1180
1124844	42615	200342	53	N	175		24	-25	-14.5	59	31	1.06	0		-25	-14.5		395506.14	6908138.67	1183
1124844	42615	200418	53	N	187.5		24	-22.7	-12.2	66	26	1.13	0		-22.7	-12.2		395512.62	6908151.84	1184
1124844	42615	200502	53	N	200		24	-21.3	-10.5	64	27	1.11	0		-21.3	-10.5		395520.45	6908164.27	1185
1124844	42615	200538	53	N	212.5		24	-23.4	-10.9	60	33	1.09	0		-23.4	-10.9		395527.43	6908171.79	1188
1124844	42615	200626	53	N	225		24	-23	-8.7	66	27	1.13	0		-23	-8.7		395536.58	6908184.51	1189
1124844	42615	200702	53	N	237.5		24	-21.7	-10.7	61	32	1.1	0		-21.7	-10.7		395540.36	6908194.01	1184
1124844	42615	200750	53	N	250		24	-19.3	-9.8	61	34	1.12	0		-19.3	-9.8		395552.21	6908203.26	1190
1124844	42615	200838	53	N	262.5		24	-17.6	-6.8	63	34	1.15	0		-17.6	-6.8		395558.82	6908214.02	1196
1124844	42615	200918	53	N	275		24	-17	-5.6	66	30	1.16	0		-17	-5.6		395564.34	6908225.2	1197
1124844	42615	200950	53	N	287.5		24	-9.7	-1	63	33	1.14	0		-9.7	-1		395574.54	6908232.71	1199
1124844	42615	201030	53	N	300		24	-10.5	-2.6	57	33	1.05	0		-10.5	-2.6		395580.73	6908245.06	1198
1124844	42615	201102	53	N	312.5		24	-11.1	-3.1	59	28	1.05	0		-11.1	-3.1		395586.07	6908253.81	1199
1124844	42615	201142	53	N	325		24	-13.2	-5	58	27	1.03	0		-13.2	-5		395592.7	6908264.91	1202
1124844	42615	201234	53	N	337.5		24	-11.6	-4.2	64	18	1.06	0		-11.6	-4.2		395603.94	6908270.92	1202
1124844	42615	201310	53	N	350		24	-13.6	-5	64	14	1.04	0		-13.6	-5		395609.33	6908282.43	1203
1124844	42615	201350	53	N	362.5		24	-18.3	-7.9	59	24	1.02	0		-18.3	-7.9		395616.61	6908293.97	1208
1124844	42615	201434	53	N	375		24	-18.9	-10.9	57	26	1.01	0		-18.9	-10.9		395621.6	6908304.54	1208
1124844	42615	201518	53	N	387.5		24	-24.4	-12.8	57	27	1.01	0		-24.4	-12.8		395631.75	6908315.61	1208
1124844	42615	201558	53	N	400		24	-21.9	-11.5	66	14	1.08	0		-21.9	-11.5		395639.18	6908321.31	1211
1124844	42615	201650	53	N	412.5		24	-23	-11.7	60	29	1.06	0		-23	-11.7		395645.82	6908332.31	1214
1124844	42615	201738	53	N	425		24	-21.3	-13.4	55	34	1.04	0		-21.3	-13.4		395649.48	6908344.61	1215
1124844	42615	201818	53	N	437.5		24	-20.7	-12.4	58	31	1.06	0		-20.7	-12.4		395656.14	6908356.18	1219
1124844	42615	201858	53	N	450		24	-16.1	-9.2	60	31	1.08	0		-16.1	-9.2		395664.85	6908365.14	1219
1124844	42615	201934	53	N	462.5		24	-11.1	-6.2	62	26	1.08	0		-11.1	-6.2		395673.41	6908375.8	1220
1124844	42615	202034	53	N	475		24	-10.5	-5	61	29	1.08	0		-10.5	-5		395683.44	6908385.68	1223
1124844	42615	202642	53	N	487.5		24	-7.4	-3.5	53	33	0.99	0		-7.4	-3.5		395690.51	6908392.96	1225
1124844	42615	202730	53	N	500		24	-7.2	-3.2	59	26	1.03	0		-7.2	-3.2		395693	6908404.44	1227
1124844	42615	202822	53	N	512.5		24	-11	-7.5	57	22	0.98	0		-11	-7.5		395700.4	6908418.08	1230
1124844	42615	202906	53	N	525		24	-13.2	-9.2	62	14	1.02	0		-13.2	-9.2		395708.71	6908428.03	1232
1124844	42615	202954	53	N	537.5		24	-14.2	-9	61	16	1	0		-14.2	-9		395717.03	6908436.69	1235
1124844	42615	203034	53	N	550		24	-16.7	-9.4	62	14	1.01	0		-16.7	-9.4		395725.96	6908444.83	1236
1124844	42615	203110	53	N	562.5		24	-18.6	-10.3	63	14	1.02	0		-18.6	-10.3		395734.15	6908451.99	1237
1124844	42615	203202	53	N	575		24	-19.6	-8.9	61	16	1	0		-19.6	-8.9		395745.6	6908462.73	1240
1124844	42615	203238	53	N	587.5		24	-21.9	-12.3	60	17	0.99	0		-21.9	-12.3		395754.25	6908472.26	1243
1124844	42615	203414	53	N	600		24	-25.9	-14.1	57	22	0.98	0		-25.9	-14.1		395757.92	6908482.14	1245

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	203454	53	N	612.5		24	-29.8	-18.4	57	20	0.97	0		-29.8	-18.4		395764.87	6908494.6	1247
1124844	42615	203526	53	N	625		24	-29.2	-13.1	57	30	1.03	0		-29.2	-13.1		395771.71	6908503.78	1249
1124844	42615	203610	53	N	637.5		24	-32.9	-15.6	52	34	1	0		-32.9	-15.6		395778.25	6908514.87	1249
1124844	42615	203654	53	N	650		24	-34.7	-17.5	64	22	1.08	0		-34.7	-17.5		395785.54	6908527.42	1249
1124844	42615	203734	53	N	662.5		24	-35.2	-18	60	38	1.13	0		-35.2	-18		395791.83	6908538.09	1250
1124844	42615	203822	53	N	675		24	-23.1	-9.4	61	47	1.22	0		-23.1	-9.4		395799.22	6908550.17	1250
1124844	42615	203902	53	N	687.5		24	-17.3	-6.1	65	43	1.24	0		-17.3	-6.1		395806.73	6908559.94	1250
1124844	42615	203942	53	N	700		24	-12.3	-4.6	68	33	1.22	0		-12.3	-4.6		395814.43	6908569.28	1251
1124844	42615	204022	53	N	712.5		24	-8.1	-3.4	72	23	1.21	0		-8.1	-3.4		395824.9	6908581.06	1252
1124844	42615	204114	53	N	725		24	-8.5	-3.7	71	20	1.18	0		-8.5	-3.7		395841.61	6908596.27	1253
1124844	42615	204202	53	N	737.5		24	-7.8	-4.2	69	25	1.16	0		-7.8	-4.2		395847.69	6908607.08	1255
1124844	42615	204238	53	N	750		24	-7.9	-5.9	73	18	1.19	0		-7.9	-5.9		395855	6908615.48	1256
1124844	42615	204546	53	N	762.5		24	-7	-5.7	57	40	1.12	0		-7	-5.7		395864.11	6908627.1	1255
1124844	42615	204714	53	N	775		24	-6.9	-4.5	59	35	1.09	0		-6.9	-4.5		395866.58	6908640.74	1257
1124844	42615	204810	53	N	787.5		24	-8.2	-5.7	64	27	1.11	0		-8.2	-5.7		395870.34	6908653.61	1256
1124844	42615	204854	53	N	800		24	-11.7	-8.2	64	30	1.13	0		-11.7	-8.2		395876.36	6908665.89	1256
1124844	42615	204934	53	N	812.5		24	-10.3	-7.1	68	31	1.19	0		-10.3	-7.1		395885.3	6908676.27	1252
1124844	42615	205010	53	N	825		24	-9.7	-7	66	33	1.18	0		-9.7	-7		395890.4	6908686.41	1252
1124844	42615	205110	53	N	837.5		24	-9.2	-7.7	66	36	1.2	0		-9.2	-7.7		395895.3	6908697.66	1251
1124844	42615	205138	53	N	837.5		24	-11.1	-6.8	62	37	1.16	1					395895.26	6908697.6	1251
1124844	42615	213010	55	N	850		24	-18.7	1.1	52	36	1.01	0		-18.7	1.1		395975.82	6908631.77	1233
1124844	42615	213030	55	N	850		24	-16.9	0.8	54	35	1.03	1					395975.87	6908631.48	1232
1124844	42615	213138	55	N	837.5		24	-14.5	2.5	61	30	1.09	0		-14.5	2.5		395969.14	6908621.27	1233
1124844	42615	213242	55	N	825		24	-22.5	-2.9	62	30	1.11	0		-22.5	-2.9		395961.53	6908609.93	1229
1124844	42615	213318	55	N	812.5		24	-25.1	-2.7	57	27	1.01	0		-25.1	-2.7		395955.51	6908599.39	1228
1124844	42615	213358	55	N	800		24	-21.1	-0.7	66	6	1.05	0		-21.1	-0.7		395946.59	6908591.39	1227
1124844	42615	213430	55	N	787.5		24	-22	1.5	54	29	0.98	0		-22	1.5		395937.91	6908580.33	1226
1124844	42615	213514	55	N	775		24	-19.4	1.9	64	18	1.06	0		-19.4	1.9		395931.91	6908566.78	1229
1124844	42615	213550	55	N	762.5		24	-16.3	4.4	66	21	1.1	0		-16.3	4.4		395925.09	6908555.74	1226
1124844	42615	213618	55	N	750		24	-14.7	7.1	72	4	1.14	0		-14.7	7.1		395917.91	6908549.57	1227
1124844	42615	213702	55	N	737.5		24	-21.9	1.9	64	35	1.17	0		-21.9	1.9		395909.76	6908540.83	1227
1124844	42615	213734	55	N	725		24	-27.2	0.6	46	49	1.08	0		-27.2	0.6		395904.93	6908528.89	1223
1124844	42615	213814	55	N	712.5		24	-34.9	-6.8	98	84	1.02	0		-34.9	-6.8		395897.9	6908517.16	1222
1124844	42615	213858	55	N	700		24	-54	-23.5	98	68	0.94	0		-54	-23.5		395889.07	6908507.79	1226
1124844	42615	213942	55	N	687.5		24	-51.7	-24.3	97	52	0.87	0		-51.7	-24.3		395879.52	6908493.31	1225
1124844	42615	214014	55	N	675		24	-49	-17.8	93	49	0.84	0		-49	-17.8		395873.8	6908485.59	1228
1124844	42615	214146	55	N	662.5		24	-42.8	-14.5	94	70	0.93	0		-42.8	-14.5		395866.12	6908471.78	1221
1124844	42615	214250	55	N	650		24	-42.8	-20.4	97	55	0.89	0		-42.8	-20.4		395859.5	6908462.58	1220
1124844	42615	214342	55	N	637.5		24	-39.2	-16.1	98	36	0.83	0		-39.2	-16.1		395854.4	6908455.52	1216
1124844	42615	214418	55	N	625		24	-38.4	-16.1	98	30	0.81	0		-38.4	-16.1		395845.93	6908447.82	1220
1124844	42615	214450	55	N	612.5		24	-33.7	-12.3	98	26	0.81	0		-33.7	-12.3		395838.25	6908437.85	1214
1124844	42615	214530	55	N	600		24	-29	-8	98	28	0.81	0		-29	-8		395831.92	6908426.36	1211
1124844	42615	214606	55	N	587.5		24	-27.6	-8.1	98	38	0.83	0		-27.6	-8.1		395824.33	6908415.77	1211
1124844	42615	214642	55	N	575		24	-25.3	-5.9	90	58	0.85	0		-25.3	-5.9		395818.21	6908405.54	1208
1124844	42615	214718	55	N	562.5		24	-22.6	-6.2	98	15	0.79	0		-22.6	-6.2		395806.39	6908396.68	1202
1124844	42615	214754	55	N	550		24	-19.8	-6	98	47	0.86	0		-19.8	-6		395801.76	6908387.6	1207
1124844	42615	214834	55	N	537.5		24	-16.9	-3.4	98	33	0.82	0		-16.9	-3.4		395792.93	6908377.57	1205
1124844	42615	214918	55	N	525		24	-14.9	-1.9	98	44	0.85	0		-14.9	-1.9		395786.94	6908365.3	1202
1124844	42615	215002	55	N	512.5		24	-13.4	-2	98	35	0.82	0		-13.4	-2		395779.53	6908353.83	1199
1124844	42615	215034	55	N	500		24	-14.1	-5.2	98	55	0.89	0		-14.1	-5.2		395771.24	6908346.84	1197
1124844	42615	215202	55	N	487.5		24	-14.6	-5.3	98	54	0.89	0		-14.6	-5.3		395764.78	6908336.74	1198
1124844	42615	215234	55	N	475		24	-6.9	2.7	98	37	0.83	0		-6.9	2.7		395758.52	6908325.61	1196
1124844	42615	215310	55	N	462.5		24	-7.2	3.8	98	53	0.89	0		-7.2	3.8		395750.81	6908315.6	1193
1124844	42615	215358	55	N	450		24	-10	2.1	98	67	0.95	0		-10	2.1		395742.75	6908306.59	1190
1124844	42615	215426	55	N	437.5		24	-14.4	-2.9	97	70	0.95	0		-14.4	-2.9		395738.81	6908301.21	1191
1124844	42615	215526	55	N	425		24	-21.6	-3.3	94	79	0.98	0		-21.6	-3.3		395730.46	6908284.4	1189
1124844	42615	215554	55	N	412.5		24	-20.8	-2.3	68	85	0.87	0		-20.8	-2.3		395724.84	6908273.48	1187

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	215626	55	N	400		24	-21.9	-2.2	98	49	0.87	0		-21.9	-2.2		395719.4	6908261.12	1182
1124844	42615	215702	55	N	387.5		24	-21.7	-2.7	98	32	0.82	0		-21.7	-2.7		395710.49	6908252.09	1183
1124844	42615	215738	55	N	375		24	-19.2	1.3	98	26	0.81	0		-19.2	1.3		395700.67	6908243.92	1185
1124844	42615	215930	55	N	362.5		24	-17	-0.7	97	81	1.01	0		-17	-0.7		395692.79	6908227.22	1178
1124844	42615	220018	55	N	350		24	-19.8	0.5	98	77	0.99	0		-19.8	0.5		395684.64	6908217.06	1180
1124844	42615	220310	55	N	337.5		24	-16	2.8	98	75	0.98	0		-16	2.8		395676.25	6908202.21	1174
1124844	42615	220346	55	N	325		24	-18	5.1	98	55	0.89	0		-18	5.1		395671.14	6908193.68	1179
1124844	42615	220458	55	N	312.5		24	-27.2	-0.7	98	54	0.89	0		-27.2	-0.7		395661.66	6908182.97	1170
1124844	42615	220538	55	N	300		24	-28.2	-3.9	98	66	0.94	0		-28.2	-3.9		395653.81	6908174.42	1169
1124844	42615	220626	55	N	287.5		24	-37.1	-8	98	43	0.85	0		-37.1	-8		395645.27	6908162.99	1168
1124844	42615	220706	55	N	275		24	-32.3	-5.1	98	66	0.94	0		-32.3	-5.1		395638.36	6908154.21	1168
1124844	42615	220746	55	N	262.5		24	-41.3	-8.1	98	54	0.89	0		-41.3	-8.1		395633.07	6908142.33	1168
1124844	42615	220818	55	N	250		24	-37.8	-6.9	98	49	0.87	0		-37.8	-6.9		395626.26	6908133.2	1165
1124844	42615	220858	55	N	237.5		24	-36.9	-7.1	98	31	0.82	0		-36.9	-7.1		395616.56	6908121.79	1162
1124844	42615	220942	55	N	225		24	-45.5	-14	98	37	0.83	0		-45.5	-14		395606.11	6908111.36	1161
1124844	42615	221026	55	N	212.5		24	-40.1	-13.7	98	53	0.89	0		-40.1	-13.7		395601.57	6908100.1	1160
1124844	42615	221114	55	N	200		24	-35.3	-8.1	93	70	0.92	0		-35.3	-8.1		395595.58	6908091.12	1159
1124844	42615	221154	55	N	187.5		24	-33.7	-10.6	97	58	0.9	0		-33.7	-10.6		395592.19	6908081.83	1158
1124844	42615	221238	55	N	175		24	-34.8	-9.3	98	35	0.83	0		-34.8	-9.3		395584.91	6908071.31	1155
1124844	42615	221314	55	N	162.5		24	-33	-7.9	98	28	0.81	0		-33	-7.9		395578.48	6908060.15	1155
1124844	42615	221354	55	N	150		24	-31.4	-6.7	98	41	0.84	0		-31.4	-6.7		395571.8	6908051.26	1152
1124844	42615	221426	55	N	137.5		24	-27.2	-5.4	98	41	0.84	0		-27.2	-5.4		395564.11	6908041.92	1152
1124844	42615	221502	55	N	125		24	-27.8	-8.2	98	48	0.87	0		-27.8	-8.2		395555.57	6908030.16	1151
1124844	42615	221534	55	N	112.5		24	-30.5	-11.3	98	40	0.84	0		-30.5	-11.3		395548.84	6908021.24	1150
1124844	42615	221606	55	N	100		24	-31.3	-12.3	98	23	0.8	0		-31.3	-12.3		395541.38	6908012.19	1149
1124844	42615	221714	55	N	87.5		24	-29.1	-9.1	85	65	0.85	0		-29.1	-9.1		395532.68	6907999.98	1146
1124844	42615	221750	55	N	75		24	-26.5	-7.9	91	60	0.87	0		-26.5	-7.9		395523.73	6907989.29	1145
1124844	42615	221858	55	N	62.5		24	-24.8	-9.1	98	43	0.85	0		-24.8	-9.1		395518.13	6907979.52	1144
1124844	42615	221934	55	N	50		24	-23.4	-6.2	97	51	0.88	0		-23.4	-6.2		395510.74	6907970.73	1142
1124844	42615	222014	55	N	37.5		24	-24.8	-9.9	94	53	0.86	0		-24.8	-9.9		395502.62	6907960.34	1142
1124844	42615	222050	55	N	25		24	-27.3	-11.2	94	53	0.86	0		-27.3	-11.2		395495.67	6907949.63	1138
1124844	42615	222130	55	N	12.5		24	-25.4	-11.2	97	45	0.85	0		-25.4	-11.2		395489.65	6907941.31	1137
1124844	42615	222218	55	N	0		24	-28.5	-11	83	60	0.81	0		-28.5	-11		395484.5	6907930.48	1134
1124844	42615	222242	55	N	0		24	-27.1	-10.9	84	57	0.8	1					395486.08	6907932.05	1135
1124844	42615	225942	57	N	0		24	-6.5	-10.9	90	64	0.87	0		-6.5	-10.9		395612.72	6907847.73	1095
1124844	42615	230038	57	N	0		24	-5.2	-11.1	84	71	0.88	1					395611.74	6907846.76	1094
1124844	42615	230138	57	N	12.5		24	-3.7	-9.6	80	65	0.82	0		-3.7	-9.6		395620.64	6907860.2	1096
1124844	42615	230218	57	N	25		24	-5.7	-11	73	75	0.83	0		-5.7	-11		395631.28	6907869.05	1097
1124844	42615	230322	57	N	37.5		24	-9.9	-11.3	98	41	0.84	0		-9.9	-11.3		395630.56	6907881.47	1104
1124844	42615	230546	57	N	50		24	-11.5	-14.6	96	60	0.9	0		-11.5	-14.6		395638.46	6907893.34	1104
1124844	42615	230726	57	N	62.5		24	-10.2	-9.8	98	57	0.9	0		-10.2	-9.8		395647.61	6907899.27	1107
1124844	42615	230910	57	N	75		24	-10.2	-10.8	98	46	0.86	0		-10.2	-10.8		395657.04	6907911.62	1107
1124844	42615	230950	57	N	87.5		24	-11.4	-11.5	98	47	0.86	0		-11.4	-11.5		395662.14	6907920.73	1108
1124844	42615	231038	57	N	100		24	-16.3	-14	98	37	0.83	0		-16.3	-14		395664.45	6907930.55	1110
1124844	42615	231122	57	N	112.5		24	-17.8	-17.5	98	26	0.8	0		-17.8	-17.5		395671.58	6907941.29	1112
1124844	42615	231214	57	N	125		24	-18.9	-14.6	98	38	0.83	0		-18.9	-14.6		395679.78	6907947.01	1115
1124844	42615	231254	57	N	137.5		24	-18.6	-15.5	97	58	0.9	0		-18.6	-15.5		395689.29	6907951.56	1118
1124844	42615	231330	57	N	150		24	-23.8	-18.4	84	76	0.9	0		-23.8	-18.4		395695.26	6907964.12	1120
1124844	42615	231410	57	N	162.5		24	-20.1	-15.1	82	76	0.89	0		-20.1	-15.1		395700.15	6907975.97	1118
1124844	42615	231454	57	N	175		24	-21.8	-18.5	62	84	0.83	0		-21.8	-18.5		395707.32	6907987.15	1122
1124844	42615	231546	57	N	187.5		24	-24.3	-19.6	96	64	0.92	0		-24.3	-19.6		395711.35	6908000.1	1122
1124844	42615	231634	57	N	200		24	-28	-21.4	98	49	0.87	0		-28	-21.4		395713.49	6908010.34	1126
1124844	42615	231730	57	N	212.5		24	-22.4	-14.8	97	63	0.92	0		-22.4	-14.8		395722.45	6908019.2	1129
1124844	42615	231850	57	N	225		24	-21.5	-12.1	98	52	0.88	0		-21.5	-12.1		395728.78	6908031.64	1132
1124844	42615	231954	57	N	237.5		24	-17.8	-10.9	98	73	0.97	0		-17.8	-10.9		395734.92	6908039.75	1133
1124844	42615	232110	57	N	250		24	-19.6	-12.9	93	69	0.92	0		-19.6	-12.9		395742.94	6908051.32	1134
1124844	42615	232218	57	N	262.5		24	-17.7	-9.5	81	81	0.91	0		-17.7	-9.5		395750.29	6908061.41	1135

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	232310	57	N	275		24	-20	-8.8	98	57	0.9	0		-20	-8.8		395757.2	6908072.31	1138
1124844	42615	232406	57	N	287.5		24	-17.3	-13.4	90	78	0.94	0		-17.3	-13.4		395768.03	6908082.26	1139
1124844	42615	232450	57	N	300		24	-21.4	-9	98	61	0.91	0		-21.4	-9		395776.04	6908090.67	1140
1124844	42615	232550	57	N	312.5		24	-19.6	-10.9	89	75	0.92	0		-19.6	-10.9		395783.69	6908100.79	1143
1124844	42615	232634	57	N	325		24	-19.3	-8.7	97	79	1	0		-19.3	-8.7		395792.63	6908110.52	1143
1124844	42615	232718	57	N	337.5		24	-16.2	-6	98	73	0.97	0		-16.2	-6		395800.94	6908121.11	1146
1124844	42615	232806	57	N	350		24	-13.7	-6	97	61	0.91	0		-13.7	-6		395809.44	6908130.22	1149
1124844	42615	232846	57	N	362.5		24	-11.6	-5.7	97	68	0.95	0		-11.6	-5.7		395818.22	6908139.91	1148
1124844	42615	232926	57	N	375		24	-13.9	-8.1	97	73	0.97	0		-13.9	-8.1		395826.56	6908150	1150
1124844	42615	233010	57	N	387.5		24	-12.6	-7.3	97	79	0.99	0		-12.6	-7.3		395831.2	6908161.1	1153
1124844	42615	233050	57	N	400		24	-11.6	-8.3	87	94	1.02	0		-11.6	-8.3		395836.61	6908171.55	1155
1124844	42615	233134	57	N	412.5		24	-12.8	-7.6	97	83	1.01	0		-12.8	-7.6		395842.72	6908185.15	1157
1124844	42615	233414	57	N	425		24	-15.1	-14.3	97	62	0.92	0		-15.1	-14.3		395850.66	6908197.09	1160
1124844	42615	233458	57	N	437.5		24	-5.2	-9.6	97	80	1	0		-5.2	-9.6		395859.06	6908209.11	1163
1124844	42615	233534	57	N	450		24	1.8	-9.4	97	81	1.01	0		1.8	-9.4		395866.53	6908219.35	1164
1124844	42615	233622	57	N	462.5		24	12.6	-5.5	97	57	0.89	0		12.6	-5.5		395875.58	6908231.01	1165
1124844	42615	233658	57	N	475		24	16	-4	97	50	0.87	0		16	-4		395884.41	6908238.09	1166
1124844	42615	233802	57	N	487.5		24	15.2	-4.9	98	61	0.91	0		15.2	-4.9		395891.42	6908250.19	1169
1124844	42615	233826	57	N	487.5		24	15.4	-2.7	97	66	0.94	1					395891.31	6908249.52	1167
8042728	42617	211930	71	N	0		24	-4	5.3	127	72	1.16	0		-4	5.3		396864.79	6908262.02	1219
8042728	42617	211946	71	N	0		24	-2	3.1	71	33	1.26	1					396864.66	6908261.94	1219
8042728	42617	212002	71	N	0		24	-2.2	4.8	72	35	1.29	1					396864.65	6908261.66	1219
8042728	42617	212122	71	N	12.5		24	0.6	5.3	74	32	1.29	0		0.6	5.3		396871.34	6908271.37	1218
8042728	42617	212218	71	N	25		24	8.2	10.8	71	33	1.25	0		8.2	10.8		396878.36	6908283.34	1218
8042728	42617	212254	71	N	37.5		24	5.5	10.8	67	33	1.19	0		5.5	10.8		396888.33	6908293.07	1217
8042728	42617	212342	71	N	50		24	2.3	11.6	66	30	1.16	0		2.3	11.6		396895.36	6908302.45	1217
8042728	42617	212414	71	N	62.5		24	0.7	9.7	60	33	1.09	0		0.7	9.7		396901.79	6908312.2	1217
8042728	42617	212442	71	N	75		24	-4.4	6.2	68	25	1.16	0		-4.4	6.2		396906.85	6908320.82	1217
8042728	42617	212458	71	N	75		24	-7.1	5.1	64	32	1.14	1					396906.74	6908320.76	1217
8042728	42617	212518	71	N	75		24	-5	5.4	66	32	1.18	1					396906.72	6908320.75	1218
8042728	42617	212542	71	N	75		24	-4.3	6.3	61	38	1.16	1					396906.45	6908320.44	1218
8042728	42617	212614	71	N	87.5		24	-7.1	2.9	68	28	1.17	0		-7.1	2.9		396912.19	6908330.88	1218
8042728	42617	212642	71	N	100		24	-12.9	2.1	66	37	1.21	0		-12.9	2.1		396918.31	6908340.18	1217
8042728	42617	212722	71	N	112.5		24	-15.2	-0.5	76	33	1.33	0		-15.2	-0.5		396928.01	6908354.25	1217
8042728	42617	212750	71	N	125		24	-8	4.3	81	31	1.38	0		-8	4.3		396934.78	6908364.8	1218
8042728	42617	212822	71	N	137.5		24	-3.1	7.7	83	31	1.42	0		-3.1	7.7		396941.49	6908373.24	1217
8042728	42617	212850	71	N	150		24	2	9.4	86	32	1.46	0		2	9.4		396949.85	6908383.81	1215
8042728	42617	212922	71	N	162.5		24	4.1	10.8	76	32	1.32	0		4.1	10.8		396955.91	6908392.61	1215
8042728	42617	212954	71	N	175		24	0.7	8.2	70	36	1.26	0		0.7	8.2		396965.68	6908405.56	1216
8042728	42617	213026	71	N	187.5		24	-2.9	2.5	72	32	1.25	0		-2.9	2.5		396973.3	6908417.26	1217
8042728	42617	213058	71	N	200		24	-8.2	0.4	77	30	1.32	0		-8.2	0.4		396980.83	6908426.4	1217
8042728	42617	213134	71	N	212.5		24	-6.2	-4.1	70	45	1.32	0		-6.2	-4.1		396986.66	6908435.22	1217
8042728	42617	213206	71	N	225		24	2.6	-2.4	76	38	1.37	0		2.6	-2.4		396992.22	6908443.83	1218
8042728	42617	213242	71	N	237.5		24	8.9	-1.4	84	27	1.4	0		8.9	-1.4		397000.14	6908454.07	1218
8042728	42617	213310	71	N	250		24	12.7	0.4	74	39	1.34	0		12.7	0.4		397007.25	6908463.46	1219
8042728	42617	213346	71	N	262.5		24	16.7	1.1	78	29	1.32	0		16.7	1.1		397014.81	6908474.18	1219
8042728	42617	213418	71	N	275		24	18	3.8	76	28	1.29	0		18	3.8		397020.44	6908481.66	1219
8042728	42617	213454	71	N	287.5		24	18.2	5.1	77	25	1.29	0		18.2	5.1		397026.76	6908491.95	1220
8042728	42617	213522	71	N	300		24	12.5	4.2	71	26	1.2	0		12.5	4.2		397034.25	6908502.31	1221
8042728	42617	213550	71	N	312.5		24	10	2.2	75	16	1.22	0		10	2.2		397041.57	6908512.63	1222
8042728	42617	213622	71	N	325		24	6	1.7	74	17	1.21	0		6	1.7		397050.14	6908523.46	1223
8042728	42617	213650	71	N	337.5		24	2.3	-0.3	71	23	1.18	0		2.3	-0.3		397058.65	6908534.36	1223
8042728	42617	213718	71	N	350		24	0.2	-0.1	72	22	1.21	0		0.2	-0.1		397064.86	6908543.07	1224
8042728	42617	213746	71	N	362.5		24	-2.1	0.2	73	23	1.23	0		-2.1	0.2		397071.46	6908551.41	1225
8042728	42617	213818	71	N	375		24	-3.9	0.5	79	19	1.3	0		-3.9	0.5		397077.8	6908561.71	1225
8042728	42617	213850	71	N	387.5		24	-7.5	0.2	78	23	1.3	0		-7.5	0.2		397085.27	6908570.7	1229
8042728	42617	213930	71	N	400		24	-7.4	1.2	75	29	1.28	0		-7.4	1.2		397091.15	6908579.04	1228

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42617	213946	71	N	400		24	-7.5	0.7	76	29	1.3	1					397091.45	6908579.14	1228
8042728	42617	214002	71	N	412.5		24	-7.4	1.1	72	28	1.24	0		-7.4	1.1		397090.9	6908578.4	1227
8042728	42617	214030	71	N	400		24	-7.2	0.4	74	29	1.27	0		-7.2	0.4		397090.57	6908577.98	1227
8042728	42617	214122	71	N	412.5		24	-7.7	-0.2	88	2	1.41	0		-7.7	-0.2		397101.57	6908588.28	1229
8042728	42617	214158	71	N	425		24	-8.2	0.9	89	4	1.41	0		-8.2	0.9		397110.58	6908596.38	1230
8042728	42617	214234	71	N	437.5		24	-8.5	1.2	86	4	1.38	0		-8.5	1.2		397119.84	6908602.57	1232
8042728	42617	214318	71	N	437.5		24	-9.3	3.1	80	21	1.32	1					397114.38	6908608.54	1230
8042728	42617	214454	71	N	450		24	-9.4	1.9	81	22	1.34	0		-9.4	1.9		397122.7	6908618.56	1232
8042728	42617	214526	71	N	462.5		24	-10	2.6	84	20	1.38	0		-10	2.6		397130.96	6908628.28	1234
8042728	42617	214614	71	N	475		24	-7.6	6.4	86	25	1.43	0		-7.6	6.4		397139.67	6908636.8	1239
8042728	42617	214646	71	N	487.5		24	-9.4	6	80	32	1.37	0		-9.4	6		397146.23	6908647.99	1241
8042728	42617	214718	71	N	500		24	-10	3.6	86	20	1.41	0		-10	3.6		397152.58	6908657.91	1240
8042728	42617	214754	71	N	512.5		24	-11.7	2.2	82	29	1.39	0		-11.7	2.2		397160.78	6908668.71	1243
8042728	42617	214818	71	N	525		24	-13.5	2.1	83	41	1.48	0		-13.5	2.1		397167.75	6908678.67	1243
8042728	42617	214842	71	N	537.5		24	-7.2	5.1	85	42	1.51	0		-7.2	5.1		397174.94	6908690.58	1241
8042728	42617	214910	71	N	550		24	-3.5	5.4	87	43	1.55	0		-3.5	5.4		397183.35	6908702.95	1240
8042728	42617	214926	71	N	550		24	-3.5	6.3	80	49	1.49	1					397183.26	6908702.69	1240
8042728	42617	214942	71	N	550		24	-2.9	5.4	87	41	1.53	1					397183.28	6908702.98	1240
8042728	42617	215522	73	N	550		24	-5.5	1.5	73	35	1.29	0		-5.5	1.5		397305.22	6908613.64	1256
8042728	42617	215622	73	N	550		24	-6.4	2.8	77	32	1.33	1					397305.41	6908613.73	1256
8042728	42617	215658	73	N	537.5		24	-6.2	1.4	74	40	1.34	0		-6.2	1.4		397297.03	6908604.13	1260
8042728	42617	215746	73	N	525		24	-7.7	-3.3	70	40	1.29	0		-7.7	-3.3		397290.89	6908594.15	1263
8042728	42617	215834	73	N	512.5		24	-8.8	-6.9	75	31	1.3	0		-8.8	-6.9		397283.75	6908585.34	1259
8042728	42617	215906	73	N	500		24	-9.4	-5.8	78	27	1.31	0		-9.4	-5.8		397274.98	6908575.98	1255
8042728	42617	215934	73	N	487.5		24	-7.4	-4.7	77	26	1.3	0		-7.4	-4.7		397267.58	6908566.41	1251
8042728	42617	220002	73	N	475		24	-6.2	-5.5	70	35	1.25	0		-6.2	-5.5		397260.61	6908557.24	1248
8042728	42617	220018	73	N	475		24	-7.1	-4.8	72	34	1.26	1					397260.83	6908557.75	1248
8042728	42617	220046	73	N	462.5		24	-4.2	-3.9	78	27	1.31	0		-4.2	-3.9		397254.12	6908548.63	1244
8042728	42617	220118	73	N	450		24	-5.2	-5.3	73	33	1.28	0		-5.2	-5.3		397246.59	6908538.23	1242
8042728	42617	220154	73	N	437.5		24	-3.8	-4.8	77	29	1.31	0		-3.8	-4.8		397240.18	6908529.1	1239
8042728	42617	220222	73	N	425		24	-4.1	-6.6	69	37	1.25	0		-4.1	-6.6		397233.45	6908519.3	1237
8042728	42617	220250	73	N	412.5		24	-10.1	-10.6	72	35	1.28	0		-10.1	-10.6		397225.29	6908507.21	1235
8042728	42617	220314	73	N	400		24	-9.6	-9.1	71	31	1.24	0		-9.6	-9.1		397219.39	6908497.65	1234
8042728	42617	220338	73	N	387.5		24	-7.7	-10.1	74	32	1.28	0		-7.7	-10.1		397211.62	6908487.4	1232
8042728	42617	220406	73	N	375		24	-12.3	-15	77	28	1.3	0		-12.3	-15		397202.07	6908473.79	1230
8042728	42617	220430	73	N	362.5		24	-12.8	-17.2	73	29	1.26	0		-12.8	-17.2		397198.56	6908465.58	1230
8042728	42617	220502	73	N	350		24	-10.5	-18.5	69	30	1.2	0		-10.5	-18.5		397192.19	6908455.03	1228
8042728	42617	220530	73	N	-12.5		24	-10.7	-19.2	67	29	1.17	0		-10.7	-19.2		397186.65	6908446.46	1227
8042728	42617	220602	73	N	-25		24	-8.9	-19.6	68	24	1.15	0		-8.9	-19.6		397179.05	6908434.43	1226
8042728	42617	220638	73	N	-37.5		24	-2.8	-17.6	67	24	1.13	0		-2.8	-17.6		397170.06	6908421.01	1224
8042728	42617	220702	73	N	-50		24	0.7	-17.5	61	31	1.09	0		0.7	-17.5		397163.91	6908413.46	1223
8042728	42617	220726	73	N	-62.5		24	4.4	-16	64	27	1.1	0		4.4	-16		397157.5	6908404.7	1222
8042728	42617	220758	73	N	-75		24	10.1	-13.4	67	25	1.14	0		10.1	-13.4		397150.52	6908394.47	1221
8042728	42617	220842	73	N	-75		24	15.4	-12.1	63	28	1.1	1					397142.01	6908380	1221
8042728	42617	220918	73	N	-75		24	21.6	-7.9	67	27	1.15	1					397134.45	6908369.15	1221
8042728	42617	221010	73	N	237.5		24	28.9	-1.1	70	29	1.21	0		28.9	-1.1		397127.65	6908357.46	1219
8042728	42617	221046	73	N	-12.5		24	26.3	-1.5	64	36	1.18	0		26.3	-1.5		397121.26	6908348.51	1219
8042728	42617	221118	73	N	-12.5		24	14.5	-9.9	67	40	1.24	1					397114.27	6908338.16	1218
8042728	42617	221150	73	N	200		24	13	-6.1	71	40	1.3	0		13	-6.1		397106.66	6908328.08	1217
8042728	42617	221210	73	N	200		24	14.8	-7.4	67	44	1.28	1					397106.54	6908327.81	1217
8042728	42617	221242	73	N	187.5		24	9.9	-5.6	73	45	1.37	0		9.9	-5.6		397100.55	6908317.68	1216
8042728	42617	221314	73	N	175		24	6	-6.6	67	48	1.31	0		6	-6.6		397096.1	6908308.97	1216
8042728	42617	221354	73	N	162.5		24	-3.4	-7.1	75	46	1.4	0		-3.4	-7.1		397088.57	6908296.7	1215
8042728	42617	221426	73	N	150		24	-12.9	-8	75	44	1.38	0		-12.9	-8		397081.53	6908286.28	1214
8042728	42617	221502	73	N	137.5		24	-19.4	-7.8	73	37	1.3	0		-19.4	-7.8		397075.22	6908277	1214
8042728	42617	221534	73	N	125		24	-18.4	-3.5	69	37	1.25	0		-18.4	-3.5		397069.62	6908268.17	1213
8042728	42617	221606	73	N	112.5		24	-13.7	-0.7	65	42	1.23	0		-13.7	-0.7		397064.51	6908259.33	1213

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42617	221642	73	N	100		24	-17.7	-2	77	34	1.34	0		-17.7	-2		397057.68	6908248.14	1213
8042728	42617	221722	73	N	87.5		24	-16.9	-2.2	75	30	1.29	0		-16.9	-2.2		397051.33	6908235.94	1212
8042728	42617	221754	73	N	75		24	-13.6	-2.7	73	30	1.26	0		-13.6	-2.7		397044.72	6908225.09	1212
8042728	42617	221826	73	N	62.5		24	-10.8	0.7	66	37	1.21	0		-10.8	0.7		397037.9	6908214.08	1212
8042728	42617	221858	73	N	50		24	-7.8	0.2	65	38	1.21	0		-7.8	0.2		397031.56	6908203.88	1212
8042728	42617	221926	73	N	37.5		24	-7.1	-0.4	72	29	1.24	0		-7.1	-0.4		397025.3	6908194.82	1212
8042728	42617	222014	73	N	25		24	-5.5	0.1	72	29	1.24	0		-5.5	0.1		397016.48	6908182.46	1213
8042728	42617	222038	73	N	12.5		24	-1.9	2.2	74	31	1.28	0		-1.9	2.2		397010.25	6908173.76	1213
8042728	42617	222106	73	N	0		24	0	3.3	72	32	1.25	0		0	3.3		397004.67	6908165.02	1214
8042728	42617	222138	73	N	12.5		24	2.5	5.9	71	36	1.26	0		2.5	5.9		396996.29	6908154.84	1214
8042728	42617	222206	73	N	25		24	4.5	8.2	72	38	1.31	0		4.5	8.2		396988.02	6908141.92	1214
8042728	42617	222226	73	N	25		24	6	7.3	69	40	1.27	1					396988.73	6908142.01	1213
8042728	42617	222242	73	N	25		24	5.3	7.5	72	34	1.27	1					396988.89	6908142.08	1213
8042728	42617	222738	75	N	0		24	-5.2	8.9	63	35	1.15	0		-5.2	8.9		397067.67	6908118.34	1206
8042728	42617	222754	75	N	0		24	-5.5	8.8	63	37	1.16	1					397067.46	6908117.93	1206
8042728	42617	222826	75	N	12.5		24	-5.7	6.9	63	33	1.14	0		-5.7	6.9		397076.33	6908128.48	1206
8042728	42617	222858	75	N	25		24	-3.1	10.1	70	26	1.2	0		-3.1	10.1		397084.03	6908138.03	1205
8042728	42617	222926	75	N	37.5		24	-2.8	11.4	67	25	1.14	0		-2.8	11.4		397090.61	6908145.48	1205
8042728	42617	222958	75	N	50		24	-5.8	9.4	71	22	1.19	0		-5.8	9.4		397097.75	6908155.25	1205
8042728	42617	223030	75	N	62.5		24	-8.6	6.4	69	24	1.16	0		-8.6	6.4		397104.92	6908166.14	1205
8042728	42617	223110	75	N	75		24	-14.2	1.9	68	27	1.16	0		-14.2	1.9		397112.5	6908176.91	1204
8042728	42617	223138	75	N	87.5		24	-20.6	-0.2	67	33	1.19	0		-20.6	-0.2		397120.22	6908184.51	1204
8042728	42617	223214	75	N	100		24	-7.8	1.7	68	33	1.2	0		-7.8	1.7		397127.21	6908196.6	1204
8042728	42617	223242	75	N	112.5		24	-5.7	-0.1	57	42	1.13	0		-5.7	-0.1		397132.39	6908204.27	1203
8042728	42617	223334	75	N	125		24	-9.5	-6.2	66	31	1.16	0		-9.5	-6.2		397142.04	6908217.26	1206
8042728	42617	223402	75	N	137.5		24	-16.4	-9.8	66	34	1.18	0		-16.4	-9.8		397146.84	6908226.94	1208
8042728	42617	223430	75	N	150		24	-14.8	-10.7	73	32	1.27	0		-14.8	-10.7		397153.79	6908236.68	1208
8042728	42617	223506	75	N	162.5		24	-14.1	-9.7	73	35	1.29	0		-14.1	-9.7		397160.78	6908245.25	1208
8042728	42617	223546	75	N	175		24	-11.6	-10.5	71	39	1.3	0		-11.6	-10.5		397169.56	6908256.22	1209
8042728	42617	223642	75	N	187.5		24	-4.9	-10.3	74	43	1.36	0		-4.9	-10.3		397175.03	6908265.08	1209
8042728	42617	223714	75	N	200		24	8.1	-9.2	70	40	1.29	0		8.1	-9.2		397182.75	6908275.85	1210
8042728	42617	223814	75	N	212.5		24	6.3	-12.1	72	41	1.32	0		6.3	-12.1		397188.52	6908285.01	1212
8042728	42617	223910	75	N	225		24	7.1	-11.8	80	31	1.37	0		7.1	-11.8		397194.47	6908294.94	1212
8042728	42617	223942	75	N	237.5		24	9.2	-11.2	79	34	1.38	0		9.2	-11.2		397201.75	6908305.6	1213
8042728	42617	224014	75	N	250		24	10.1	-8.1	82	26	1.37	0		10.1	-8.1		397208.05	6908317.25	1214
8042728	42617	224042	75	N	262.5		24	11.7	-8.5	75	37	1.33	0		11.7	-8.5		397215.3	6908324.89	1214
8042728	42617	224126	75	N	275		24	12.4	-5.1	87	18	1.42	0		12.4	-5.1		397223.83	6908334.79	1214
8042728	42617	224206	75	N	287.5		24	13	-1.3	84	17	1.36	0		13	-1.3		397230.95	6908345.93	1215
8042728	42617	224238	75	N	300		24	10.8	-2	82	18	1.33	0		10.8	-2		397238.98	6908353.29	1216
8042728	42617	224314	75	N	312.5		24	8.6	-3.5	80	18	1.32	0		8.6	-3.5		397244.3	6908362.17	1217
8042728	42617	224354	75	N	325		24	3.7	-4.3	84	16	1.36	0		3.7	-4.3		397253.87	6908374.27	1217
8042728	42617	224422	75	N	337.5		24	2	-6.1	81	14	1.32	0		2	-6.1		397261.9	6908380.27	1217
8042728	42617	224454	75	N	350		24	0	-6	82	12	1.31	0		0	-6		397268.68	6908389.59	1218
8042728	42617	224534	75	N	362.5		24	-3.8	-5.9	82	16	1.34	0		-3.8	-5.9		397275.53	6908400.72	1219
8042728	42617	224610	75	N	375		24	-5.2	-7.1	77	23	1.28	0		-5.2	-7.1		397281.64	6908410.43	1220
8042728	42617	224642	75	N	387.5		24	-7.9	-8.7	84	16	1.36	0		-7.9	-8.7		397289.29	6908420.03	1220
8042728	42617	224718	75	N	400		24	-13.4	-11.6	78	25	1.3	0		-13.4	-11.6		397297.05	6908430.3	1223
8042728	42617	224746	75	N	412.5		24	-14.3	-9.7	77	30	1.32	0		-14.3	-9.7		397304.78	6908442.57	1223
8042728	42617	224818	75	N	425		24	-13.1	-8.7	78	30	1.33	0		-13.1	-8.7		397310.83	6908451.56	1225
8042728	42617	224858	75	N	437.5		24	-13.2	-7.7	79	25	1.32	0		-13.2	-7.7		397317.07	6908463	1226
8042728	42617	224946	75	N	450		24	-13.1	-7.4	85	23	1.41	0		-13.1	-7.4		397322.96	6908471.67	1229
8042728	42617	225018	75	N	462.5		24	-9.5	-4.8	89	16	1.44	0		-9.5	-4.8		397331.22	6908482.01	1230
8042728	42617	225054	75	N	475		24	-10.7	-3.8	80	27	1.35	0		-10.7	-3.8		397340.8	6908492.85	1232
8042728	42617	225126	75	N	487.5		24	-13.7	-4.9	78	25	1.31	0		-13.7	-4.9		397347.87	6908501.54	1233
8042728	42617	225158	75	N	500		24	-10.3	-2.2	84	23	1.38	0		-10.3	-2.2		397355.06	6908511.74	1234
8042728	42617	225238	75	N	512.5		24	-15.1	-2.1	76	34	1.32	0		-15.1	-2.1		397361.09	6908521.64	1237
8042728	42617	225254	75	N	512.5		24	-14.4	-2	75	34	1.31	1					397361.33	6908521.53	1236

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42617	225330	75	N	525		24	-8.9	2.7	82	28	1.38	0		-8.9	2.7		397367.68	6908530.81	1234
8042728	42617	225450	75	N	537.5		24	-11.2	3.5	74	32	1.29	0		-11.2	3.5		397375.13	6908542.77	1237
8042728	42617	225522	75	N	550		24	-11.1	1.7	78	27	1.31	0		-11.1	1.7		397382.09	6908552.44	1240
8042728	42617	225550	75	N	562.5		24	-13.1	2.2	68	36	1.24	0		-13.1	2.2		397386.16	6908560.93	1239
8042728	42617	225606	75	N	562.5		24	-12.2	1.8	74	31	1.28	1					397386.03	6908560.88	1239
8042728	42617	225622	75	N	562.5		24	-14.1	2.9	74	34	1.29	1					397386.09	6908560.49	1238
1124844	42617	212018	70	N	0		24	17.1	17.3	63	51	0.64	0		17.1	17.3		396823.4	6908292.91	1216
1124844	42617	212054	70	N	0		24	11	12.3	55	37	0.53	1					396823.35	6908292.89	1216
1124844	42617	212118	70	N	0		24	16.2	7.6	98	60	0.92	1					396823.31	6908292.85	1216
1124844	42617	212158	70	N	12.5		24	9.2	1.7	97	68	0.94	0		9.2	1.7		396830.3	6908303.72	1216
1124844	42617	212230	70	N	25		24	9	4.1	95	60	0.9	0		9	4.1		396838.47	6908314.22	1216
1124844	42617	212406	70	N	37.5		24	0.8	-1.7	98	57	0.9	0		0.8	-1.7		396848.76	6908327.59	1215
1124844	42617	212434	70	N	50		24	-4.8	-8.6	95	45	0.84	0		-4.8	-8.6		396855.62	6908339.51	1214
1124844	42617	212518	70	N	62.5		24	-6.7	-6.6	98	56	0.9	0		-6.7	-6.6		396862.63	6908350.03	1216
1124844	42617	212550	70	N	75		24	-6.4	-6	98	72	0.97	0		-6.4	-6		396868.3	6908361.21	1215
1124844	42617	212622	70	N	87.5		24	-5.8	-4.4	98	63	0.93	0		-5.8	-4.4		396877.18	6908369.55	1214
1124844	42617	212650	70	N	100		24	-4.6	-2.4	98	80	1.01	0		-4.6	-2.4		396884.79	6908377.07	1215
1124844	42617	212718	70	N	112.5		24	10.3	8.4	98	72	0.97	0		10.3	8.4		396890.77	6908387.88	1217
1124844	42617	212746	70	N	125		24	11.7	8.6	98	73	0.97	0		11.7	8.6		396898.36	6908398	1218
1124844	42617	212818	70	N	137.5		24	12.4	4.6	98	76	0.99	0		12.4	4.6		396905.53	6908408.45	1216
1124844	42617	212846	70	N	150		24	8.9	0.7	98	62	0.92	0		8.9	0.7		396913.26	6908417.78	1215
1124844	42617	212918	70	N	162.5		24	8.2	-0.2	98	68	0.95	0		8.2	-0.2		396921.65	6908426.86	1214
1124844	42617	212950	70	N	175		24	0.9	-6.2	98	64	0.93	0		0.9	-6.2		396930.17	6908437.81	1214
1124844	42617	213022	70	N	187.5		24	2.7	-4.1	98	71	0.97	0		2.7	-4.1		396937.05	6908449.04	1215
1124844	42617	213058	70	N	200		24	-0.9	-6.6	98	67	0.95	0		-0.9	-6.6		396944.98	6908457.49	1215
1124844	42617	213134	70	N	212.5		24	1.2	-7.2	99	80	1.01	0		1.2	-7.2		396952.2	6908467.93	1218
1124844	42617	213210	70	N	225		24	10.4	-5.8	99	80	1.01	0		10.4	-5.8		396960.4	6908477.85	1217
1124844	42617	213238	70	N	237.5		24	10.6	-4.9	98	78	1	0		10.6	-4.9		396968.42	6908487.97	1218
1124844	42617	213314	70	N	250		24	16.2	-0.7	98	78	1	0		16.2	-0.7		396972.6	6908499.96	1218
1124844	42617	213346	70	N	262.5		24	20.5	-0.3	98	75	0.98	0		20.5	-0.3		396979.39	6908510.43	1216
1124844	42617	213426	70	N	275		24	22.1	1.4	98	67	0.95	0		22.1	1.4		396984.9	6908521.88	1217
1124844	42617	213458	70	N	287.5		24	15	-1.2	98	64	0.93	0		15	-1.2		396991.55	6908532.14	1218
1124844	42617	213534	70	N	300		24	9.7	-5.2	98	52	0.88	0		9.7	-5.2		397001.98	6908543.04	1219
1124844	42617	213606	70	N	312.5		24	6.7	-5.2	98	50	0.88	0		6.7	-5.2		397010.05	6908553.52	1220
1124844	42617	213638	70	N	325		24	3.6	-5.4	98	52	0.88	0		3.6	-5.4		397017.2	6908561.39	1221
1124844	42617	213710	70	N	337.5		24	3.9	-2.5	98	53	0.89	0		3.9	-2.5		397023.44	6908572.04	1222
1124844	42617	213746	70	N	350		24	0.6	-4.8	98	47	0.87	0		0.6	-4.8		397032.05	6908581.72	1223
1124844	42617	213818	70	N	362.5		24	-3.9	-5.6	98	54	0.89	0		-3.9	-5.6		397042.23	6908589.61	1223
1124844	42617	213854	70	N	375		24	-5.9	-5.4	98	57	0.9	0		-5.9	-5.4		397051.18	6908600.5	1224
1124844	42617	213930	70	N	387.5		24	-3.3	-2	98	61	0.92	0		-3.3	-2		397054.92	6908611.07	1223
1124844	42617	214002	70	N	400		24	-5.1	-2.4	98	70	0.96	0		-5.1	-2.4		397062.39	6908621.28	1226
1124844	42617	214030	70	N	412.5		24	-9.3	-5.5	98	57	0.9	0		-9.3	-5.5		397068.35	6908629.27	1226
1124844	42617	214102	70	N	425		24	-13.6	-8.4	99	74	0.98	0		-13.6	-8.4		397077.88	6908640.28	1227
1124844	42617	214134	70	N	437.5		24	-11.7	-6.4	98	70	0.96	0		-11.7	-6.4		397082.16	6908651.91	1229
1124844	42617	214202	70	N	450		24	-14.9	-7.6	98	81	1.02	0		-14.9	-7.6		397089.09	6908662.27	1230
1124844	42617	214234	70	N	462.5		24	-5.6	-1	99	83	1.02	0		-5.6	-1		397095.1	6908672.91	1230
1124844	42617	214306	70	N	475		24	-3.8	0	99	93	1.08	0		-3.8	0		397103.27	6908684.15	1230
1124844	42617	214334	70	N	487.5		24	-4.2	-1.9	99	90	1.06	0		-4.2	-1.9		397110.31	6908694.25	1230
1124844	42617	214406	70	N	500		24	0.1	-0.2	98	85	1.03	0		0.1	-0.2		397117.64	6908705.54	1231
1124844	42617	214438	70	N	512.5		24	4.7	0	99	92	1.07	0		4.7	0		397124.96	6908715.45	1231
1124844	42617	214506	70	N	525		24	15.9	6.4	98	72	0.97	0		15.9	6.4		397131.16	6908725.87	1232
1124844	42617	214546	70	N	537.5		24	13.3	4.3	98	78	1	0		13.3	4.3		397140.03	6908733.92	1234
1124844	42617	214622	70	N	550		24	22	9.1	98	54	0.89	0		22	9.1		397147.84	6908741.58	1237
1124844	42617	214638	70	N	550		24	14.2	3.6	98	72	0.97	1					397147.83	6908741.5	1238
1124844	42617	215314	72	N	550		24	-10.7	3.1	98	84	1.03	0		-10.7	3.1		397222.25	6908676.2	1243
1124844	42617	215434	72	N	550		24	-12.6	4.7	98	85	1.03	1					397222.17	6908676.22	1243
1124844	42617	215534	72	N	537.5		24	-16.7	2.7	98	72	0.97	0		-16.7	2.7		397214.48	6908666.54	1245

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42617	215606	72	N	525		24	-18	1.8	98	80	1.01	0		-18	1.8		397207.3	6908655.61	1246
1124844	42617	215638	72	N	512.5		24	-19.2	1	63	96	0.91	0		-19.2	1		397203.18	6908644.75	1249
1124844	42617	215710	72	N	500		24	-15.9	1.5	98	75	0.98	0		-15.9	1.5		397197.99	6908633.44	1251
1124844	42617	215742	72	N	487.5		24	-13.7	2.4	99	79	1	0		-13.7	2.4		397188.86	6908623.91	1250
1124844	42617	215814	72	N	475		24	-6	14.9	91	63	0.88	0		-6	14.9		397182.28	6908614.39	1250
1124844	42617	215854	72	N	462.5		24	-10	6.1	95	66	0.92	0		-10	6.1		397174.04	6908602.34	1246
1124844	42617	215930	72	N	450		24	-5.6	5.9	98	59	0.91	0		-5.6	5.9		397168.38	6908592	1245
1124844	42617	215958	72	N	437.5		24	-5.3	5.5	99	50	0.88	0		-5.3	5.5		397161.29	6908582.23	1243
1124844	42617	220034	72	N	425		24	0	8.3	99	48	0.87	0		0	8.3		397152.46	6908573.81	1241
1124844	42617	220106	72	N	412.5		24	-1	7.4	99	51	0.88	0		-1	7.4		397144.5	6908563.91	1239
1124844	42617	220134	72	N	400		24	-1.5	5.8	99	60	0.92	0		-1.5	5.8		397136.45	6908556.21	1236
1124844	42617	220202	72	N	387.5		24	1.8	7.1	99	51	0.88	0		1.8	7.1		397127.31	6908545.94	1233
1124844	42617	220242	72	N	375		24	1.9	5.5	99	51	0.88	0		1.9	5.5		397119.46	6908534.16	1230
1124844	42617	220310	72	N	362.5		24	3	4.2	99	51	0.88	0		3	4.2		397113.56	6908525.7	1228
1124844	42617	220342	72	N	350		24	10	10.1	99	48	0.87	0		10	10.1		397105.84	6908516.26	1227
1124844	42617	220414	72	N	337.5		24	12	11	98	55	0.9	0		12	11		397099	6908503.87	1226
1124844	42617	220446	72	N	325		24	15.7	9.4	99	57	0.91	0		15.7	9.4		397091.9	6908492.7	1226
1124844	42617	220514	72	N	312.5		24	13.6	7.5	99	59	0.91	0		13.6	7.5		397086.35	6908483.48	1225
1124844	42617	220546	72	N	300		24	16.1	3.5	99	46	0.87	0		16.1	3.5		397082.2	6908472.33	1225
1124844	42617	220622	72	N	287.5		24	9.6	3.9	87	78	0.93	0		9.6	3.9		397079.52	6908460.33	1224
1124844	42617	220654	72	N	275		24	13.8	-0.8	99	43	0.86	0		13.8	-0.8		397067.14	6908455.51	1223
1124844	42617	220722	72	N	262.5		24	15.8	-1.9	99	45	0.86	0		15.8	-1.9		397056.77	6908447.49	1222
1124844	42617	220802	72	N	250		24	17.4	2.7	98	61	0.92	0		17.4	2.7		397048.56	6908438.06	1220
1124844	42617	220854	72	N	237.5		24	20.2	2.3	99	49	0.88	0		20.2	2.3		397041.73	6908426.23	1220
1124844	42617	220926	72	N	225		24	9	-0.4	95	68	0.93	0		9	-0.4		397031.45	6908418.05	1220
1124844	42617	221058	72	N	212.5		24	7.9	8.5	66	80	0.82	0		7.9	8.5		397024.66	6908394.6	1220
1124844	42617	221134	72	N	200		24	7	11.1	88	74	0.91	0		7	11.1		397015.91	6908385.46	1219
1124844	42617	221206	72	N	187.5		24	2.3	19.7	89	76	0.93	0		2.3	19.7		397009.37	6908375.33	1218
1124844	42617	221238	72	N	175		24	-3.6	14.5	83	81	0.92	0		-3.6	14.5		397001.81	6908365.17	1217
1124844	42617	221314	72	N	162.5		24	-8.8	13.5	98	70	0.96	0		-8.8	13.5		396999.61	6908353.85	1218
1124844	42617	221358	72	N	150		24	-15.4	8.2	98	76	0.99	0		-15.4	8.2		396992.76	6908343.37	1218
1124844	42617	221430	72	N	137.5		24	-23	2.3	99	53	0.89	0		-23	2.3		396985.62	6908332.01	1218
1124844	42617	221506	72	N	125		24	-8.9	8.6	97	47	0.85	0		-8.9	8.6		396976.27	6908325.07	1217
1124844	42617	221534	72	N	112.5		24	-10	6.1	98	70	0.96	0		-10	6.1		396969.74	6908315.19	1217
1124844	42617	221606	72	N	100		24	-1.1	14.7	99	58	0.91	0		-1.1	14.7		396960.61	6908305.06	1217
1124844	42617	221638	72	N	87.5		24	3.2	20.7	92	62	0.88	0		3.2	20.7		396952.77	6908295.22	1217
1124844	42617	221714	72	N	75		24	6.7	16	99	51	0.88	0		6.7	16		396944.6	6908283.87	1216
1124844	42617	221746	72	N	62.5		24	1.6	11.9	99	53	0.89	0		1.6	11.9		396936.76	6908273.36	1216
1124844	42617	221814	72	N	50		24	-5.2	6.6	99	64	0.94	0		-5.2	6.6		396931.27	6908264.52	1217
1124844	42617	221846	72	N	37.5		24	-2.5	10.8	88	68	0.89	0		-2.5	10.8		396928.87	6908253.39	1217
1124844	42617	221918	72	N	25		24	-1.3	17.1	73	64	0.77	0		-1.3	17.1		396921.68	6908241.36	1218
1124844	42617	221954	72	N	12.5		24	-1.3	13.5	82	71	0.86	0		-1.3	13.5		396912.7	6908227.91	1217
1124844	42617	222022	72	N	12.5		24	-1.6	13.7	87	69	0.88	1					396912.8	6908227.62	1218
1124844	42617	222914	74	N	0		24	-13.8	-7.4	79	49	0.74	0		-13.8	-7.4		397029.19	6908147.69	1212
1124844	42617	222946	74	N	0		24	-1	-0.8	83	64	0.83	1					397029.21	6908147.67	1212
1124844	42617	223510	74	N	12.5		24	-3.8	-1.2	95	68	0.93	0		-3.8	-1.2		397035.93	6908157.66	1211
1124844	42617	223918	74	N	25		24	-16.9	-10.3	78	61	0.79	0		-16.9	-10.3		397045.25	6908171.55	1211
1124844	42617	224046	74	N	37.5		24	-11.7	-3.7	99	56	0.9	0		-11.7	-3.7		397051.43	6908183.82	1210
1124844	42617	224114	74	N	50		24	-15.5	-9.2	94	67	0.92	0		-15.5	-9.2		397058.22	6908194.02	1210
1124844	42617	224142	74	N	62.5		24	-15.6	-6.8	99	69	0.96	0		-15.6	-6.8		397065.26	6908203.68	1210
1124844	42617	224210	74	N	75		24	-21.1	-8.3	99	79	1.01	0		-21.1	-8.3		397076	6908212.6	1210
1124844	42617	224238	74	N	87.5		24	-24	-8.8	99	66	0.95	0		-24	-8.8		397083.22	6908222.44	1210
1124844	42617	224310	74	N	100		24	-30.3	-12	83	85	0.95	0		-30.3	-12		397089.33	6908233.77	1210
1124844	42617	224342	74	N	112.5		24	-29.9	-16.3	95	77	0.97	0		-29.9	-16.3		397096.21	6908240.49	1209
1124844	42617	224422	74	N	125		24	-8	-5.2	100	96	1.1	0		-8	-5.2		397099.34	6908252.41	1211
1124844	42617	224450	74	N	137.5		24	-17	-19.8	73	87	0.9	0		-17	-19.8		397103.52	6908264.16	1211
1124844	42617	224518	74	N	150		24	-16.4	-14.1	101	99	1.12	0		-16.4	-14.1		397109.12	6908273.38	1212

Appendix 6 - Merged VLF-EM Data - Frequency 24.0 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42617	224554	74	N	162.5		24	-22	-24.5	99	79	1.01	0		-22	-24.5		397120.55	6908281.18	1213
1124844	42617	224622	74	N	175		24	-7.9	-18.5	99	84	1.03	0		-7.9	-18.5		397127.69	6908290.83	1213
1124844	42617	224702	74	N	187.5		24	7.6	-10.5	101	100	1.13	0		7.6	-10.5		397135.43	6908300.91	1214
1124844	42617	224730	74	N	200		24	13.6	-11.3	100	93	1.09	0		13.6	-11.3		397142.79	6908309.51	1215
1124844	42617	224802	74	N	212.5		24	18.5	-12.8	99	84	1.03	0		18.5	-12.8		397150.65	6908319.29	1216
1124844	42617	224838	74	N	225		24	24.8	-10.1	99	78	1	0		24.8	-10.1		397158.08	6908330.44	1216
1124844	42617	224914	74	N	237.5		24	24.3	-8.6	99	70	0.96	0		24.3	-8.6		397169.12	6908340.54	1218
1124844	42617	224946	74	N	250		24	23.3	-8	99	65	0.94	0		23.3	-8		397174.35	6908346.03	1217
1124844	42617	225022	74	N	262.5		24	17.2	-12.6	99	51	0.88	0		17.2	-12.6		397181.43	6908356.74	1218
1124844	42617	225054	74	N	275		24	15.7	-10.3	99	76	0.99	0		15.7	-10.3		397190.73	6908366.42	1218
1124844	42617	225126	74	N	287.5		24	13.5	-43.8	86	47	0.78	0		13.5	-43.8		397194.27	6908379.04	1220
1124844	42617	225222	74	N	300		24	-6.9	-28.6	76	45	0.7	0		-6.9	-28.6		397200.58	6908390.1	1220
1124844	42617	225250	74	N	312.5		24	-2.9	-20.1	99	47	0.87	0		-2.9	-20.1		397209.48	6908398.86	1221
1124844	42617	225322	74	N	325		24	-2.1	-17.9	98	56	0.9	0		-2.1	-17.9		397215.13	6908409.7	1222
1124844	42617	225354	74	N	337.5		24	-5.9	-16.8	99	61	0.92	0		-5.9	-16.8		397222.69	6908418.99	1224
1124844	42617	225430	74	N	350		24	-8.9	-21.6	99	58	0.91	0		-8.9	-21.6		397228.48	6908430.92	1226
1124844	42617	225506	74	N	362.5		24	-13.2	-19.4	99	61	0.92	0		-13.2	-19.4		397235.36	6908441.53	1226
1124844	42617	225534	74	N	375		24	-15.1	-21.9	97	70	0.95	0		-15.1	-21.9		397241.89	6908450.61	1228
1124844	42617	225606	74	N	387.5		24	-14.8	-23.1	93	75	0.95	0		-14.8	-23.1		397249.65	6908461.08	1229
1124844	42617	225638	74	N	400		24	-20.3	-21.8	99	76	0.99	0		-20.3	-21.8		397254.99	6908473.28	1231
1124844	42617	225706	74	N	412.5		24	-14	-14	99	78	1	0		-14	-14		397262.04	6908483.11	1232
1124844	42617	225738	74	N	425		24	-7.6	-8.6	99	75	0.98	0		-7.6	-8.6		397269.68	6908494.8	1233
1124844	42617	225810	74	N	437.5		24	-8.8	-7.6	98	80	1.01	0		-8.8	-7.6		397275.5	6908502.7	1235
1124844	42617	225850	74	N	450		24	-5.2	-6.1	99	74	0.98	0		-5.2	-6.1		397286.86	6908510.94	1237
1124844	42617	225922	74	N	462.5		24	-4.7	-5.5	96	75	0.96	0		-4.7	-5.5		397295.52	6908522.64	1238
1124844	42617	225954	74	N	475		24	-2	-3.5	97	79	0.99	0		-2	-3.5		397298.18	6908533.67	1240
1124844	42617	230030	74	N	487.5		24	-5.5	-4.5	98	70	0.96	0		-5.5	-4.5		397304.83	6908543.62	1245
1124844	42617	230106	74	N	500		24	-5.6	-6.4	95	71	0.95	0		-5.6	-6.4		397313.04	6908554.18	1246
1124844	42617	230142	74	N	512.5		24	-9.9	-6	99	63	0.93	0		-9.9	-6		397320.81	6908563.06	1249
1124844	42617	230214	74	N	525		24	-12.5	-6.4	99	57	0.91	0		-12.5	-6.4		397327.54	6908572.99	1251
1124844	42617	230242	74	N	537.5		24	-11.9	-4.5	99	58	0.91	0		-11.9	-4.5		397338.18	6908581.4	1251
1124844	42617	230314	74	N	550		24	-11.5	-5.4	98	56	0.9	0		-11.5	-5.4		397346.82	6908591.05	1250
1124844	42617	230342	74	N	550		24	-12.2	-1.7	99	36	0.83	1					397346.17	6908591.46	1250

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	171642	1	N	0		24.8	-11.7	-9.1	22	52	3.49	2					394664.52	6908413.57	1161
1124844	22/08/2016	171822	1	N	0		24.8	-11	-8.3	26	50	3.51	0		-11	-8.3	Double reading	394664.39	6908413.04	1160
1124844	22/08/2016	172034	1	N	12.5		24.8	-11.2	-9.4	4	56	3.47			-11.2	-9.4		394669.6	6908420.52	1167
1124844	22/08/2016	172146	1	N	25		24.8	-11.5	-9	-5	57	3.55			-11.5	-9		394678.67	6908430.31	1169
1124844	22/08/2016	172302	1	N	37.5		24.8	-9.9	-4	17	55	3.55			-9.9	-4		394684.62	6908440.78	1174
1124844	22/08/2016	172358	1	N	50		24.8	-10.4	-5.7	21	53	3.53			-10.4	-5.7		394689.74	6908449.51	1177
1124844	22/08/2016	172550	1	N	62.5		24.8	-11.7	-7.4	18	51	3.37			-11.7	-7.4		394695.73	6908460.19	1183
1124844	22/08/2016	172702	1	N	75		24.8	-13.8	-10.2	-2	53	3.29			-13.8	-10.2		394704.29	6908471.07	1186
1124844	22/08/2016	172750	1	N	87.5		24.8	-14.2	-10.2	13	54	3.42			-14.2	-10.2		394710.47	6908480.06	1191
1124844	22/08/2016	172846	1	N	100		24.8	-15.8	-10.6	17	54	3.5			-15.8	-10.6		394716.88	6908488.01	1197
1124844	22/08/2016	172950	1	N	112.5		24.8	-19.8	-13.6	29	50	3.57			-19.8	-13.6		394723.92	6908497.91	1200
1124844	22/08/2016	173058	1	N	125		24.8	-18.8	-13.3	10	55	3.44			-18.8	-13.3		394728.93	6908506.54	1206
1124844	22/08/2016	173206	1	N	137.5		24.8	-19.7	-12.1	11	56	3.52			-19.7	-12.1		394735.03	6908518.03	1211
1124844	22/08/2016	173314	1	N	150		24.8	-20.8	-13.1	19	55	3.6			-20.8	-13.1		394742.77	6908527.37	1211
1124844	22/08/2016	173406	1	N	162.5		24.8	-22.9	-15.4	26	53	3.68			-22.9	-15.4		394745.63	6908537.73	1216
1124844	22/08/2016	173502	1	N	175		24.8	-22.2	-11.8	9	58	3.62			-22.2	-11.8		394752.67	6908546.57	1221
1124844	22/08/2016	173622	1	N	187.5		24.8	-18.8	-7.3	10	58	3.67			-18.8	-7.3		394760.96	6908556.94	1222
1124844	22/08/2016	173718	1	N	200		24.8	-20.4	-8.1	20	57	3.74			-20.4	-8.1		394766.44	6908567.6	1226
1124844	22/08/2016	173826	1	N	212.5		24.8	-20.2	-7.4	8	60	3.75			-20.2	-7.4		394773.21	6908576.4	1229
1124844	22/08/2016	173922	1	N	225		24.8	-20.2	-5.9	-1	60	3.73			-20.2	-5.9		394781.77	6908585.35	1231
1124844	22/08/2016	174126	1	N	237.5		24.8	-19.2	-4.4	2	61	3.76			-19.2	-4.4		394789.32	6908595.04	1232
1124844	22/08/2016	174210	1	N	250		24.8	-19.4	-3.9	9	62	3.9			-19.4	-3.9		394795.92	6908605.28	1233
1124844	22/08/2016	174258	1	N	262.5		24.8	-16.8	0.8	19	64	4.14			-16.8	0.8		394804.43	6908614.75	1234
1124844	22/08/2016	174346	1	N	275		24.8	-8.5	10.1	15	64	4.04			-8.5	10.1		394811.08	6908624.09	1234
1124844	22/08/2016	174430	1	N	287.5		24.8	-10.7	8.4	18	60	3.89			-10.7	8.4		394816.53	6908637.35	1236
1124844	22/08/2016	174506	1	N	300		24.8	-11.6	8.5	15	59	3.77			-11.6	8.5		394822.84	6908647.72	1236
1124844	22/08/2016	174542	1	N	312.5		24.8	-13.9	6	8	60	3.77			-13.9	6		394830.03	6908657.26	1235
1124844	22/08/2016	174650	1	N	325		24.8	-13.7	5.8	2	59	3.68			-13.7	5.8		394838.82	6908666.77	1235
1124844	22/08/2016	174738	1	N	337.5		24.8	-11.6	6.7	-17	58	3.76			-11.6	6.7		394847.41	6908676.37	1235
1124844	22/08/2016	174930	1	N	350		24.8	-13	6.4	-14	60	3.8			-13	6.4		394855.43	6908682.04	1232
1124844	22/08/2016	175106	1	N	362.5		24.8	-12.1	8.6	24	58	3.89			-12.1	8.6		394861.43	6908693.2	1233
1124844	22/08/2016	175150	1	N	375		24.8	-13.9	8.6	3	61	3.76			-13.9	8.6		394868.12	6908704.97	1233
1124844	22/08/2016	175246	1	N	387.5		24.8	-9.5	12.7	19	59	3.83			-9.5	12.7		394874.72	6908715.34	1233
1124844	22/08/2016	175326	1	N	400		24.8	-12.1	12.4	20	57	3.75			-12.1	12.4		394881.54	6908726.49	1232
1124844	22/08/2016	175406	1	N	412.5		24.8	-14.1	9.4	9	57	3.6			-14.1	9.4		394888.11	6908736.97	1229
1124844	22/08/2016	175550	1	N	425		24.8	-16	9.1	5	61	3.78			-16	9.1		394894.91	6908746.46	1228
1124844	22/08/2016	175630	1	N	437.5		24.8	-14.9	11.2	9	60	3.77			-14.9	11.2		394901.74	6908755.28	1224
1124844	22/08/2016	175710	1	N	450		24.8	-14.9	11.5	16	60	3.87			-14.9	11.5		394908.59	6908765.94	1221
1124844	22/08/2016	175750	1	N	462.5		24.8	-20	5.8	1	61	3.81			-20	5.8		394916.18	6908775.67	1219
1124844	22/08/2016	175842	1	N	475		24.8	-17.3	7.6	10	64	4.04			-17.3	7.6		394924.85	6908785.15	1218
1124844	22/08/2016	175918	1	N	487.5		24.8	-12.9	10.8	2	65	4.02			-12.9	10.8		394932.01	6908795.99	1217
1124844	22/08/2016	175954	1	N	500		24.8	-15.6	7.9	8	64	3.99			-15.6	7.9		394938.03	6908805.24	1216
1124844	22/08/2016	180046	1	N	512.5		24.8	-14.7	6.3	9	65	4.08			-14.7	6.3		394946.35	6908814.75	1215
1124844	22/08/2016	180126	1	N	525		24.8	-13.1	5	9	68	4.24			-13.1	5		394953.76	6908825.4	1215
1124844	22/08/2016	180206	1	N	537.5		24.8	-8	3	0	71	4.42			-8	3		394961.97	6908836.8	1214
1124844	22/08/2016	180242	1	N	550		24.8	0.9	5.6	-4	72	4.44			0.9	5.6		394968.15	6908845.31	1215
1124844	22/08/2016	180322	1	N	562.5		24.8	9.5	7.4	17	71	4.51			9.5	7.4		394974.52	6908857.09	1214
1124844	22/08/2016	180438	1	N	575		24.8	14	4.1	-3	71	4.37			14	4.1		394982.27	6908867.1	1215
1124844	22/08/2016	180522	1	N	587.5		24.8	20.3	5.9	17	66	4.24			20.3	5.9		394987.88	6908877.97	1215
1124844	22/08/2016	180558	1	N	600		24.8	25.8	9.4	9	63	3.92			25.8	9.4		394994.55	6908888.29	1216
1124844	22/08/2016	180646	1	N	612.5		24.8	21.6	3.9	15	61	3.88			21.6	3.9		395000.77	6908899.85	1216
1124844	22/08/2016	180722	1	N	625		24.8	17.4	0	37	54	4.04			17.4	0		395007.55	6908909.69	1216
1124844	22/08/2016	180758	1	N	637.5		24.8	20.5	-1.1	3	62	3.84			20.5	-1.1		395016.03	6908919.44	1216
1124844	22/08/2016	180858	1	N	650		24.8	20.7	1	6	60	3.74			20.7	1		395025.39	6908927.62	1217
1124844	22/08/2016	180954	1	N	662.5		24.8	18.9	-0.3	6	58	3.64			18.9	-0.3		395032.29	6908936.53	1217
1124844	22/08/2016	181038	1	N	675		24.8	16.3	-4	-1	58	3.57			16.3	-4		395040.84	6908946.57	1216
1124844	22/08/2016	181126	1	N	687.5		24.8	13.1	-6.3	6	58	3.64			13.1	-6.3		395047.38	6908957.41	1215
1124844	22/08/2016	181242	1	N	700		24.8	11.6	-7.1	5	59	3.66			11.6	-7.1		395054.07	6908967.42	1213
1124844	22/08/2016	181318	1	N	712.5		24.8	6.5	-10	10	61	3.82			6.5	-10		395060.91	6908977.89	1211
1124844	22/08/2016	181354	1</																	

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	181858	1	N	812.5		24.8	13.8	-3	13	60	3.81			13.8	-3		395115.88	6909062.54	1211
1124844	22/08/2016	181946	1	N	825		24.8	17.1	2.6	24	55	3.75			17.1	2.6		395122.57	6909072.73	1211
1124844	22/08/2016	182034	1	N	837.5		24.8	15.3	0.8	14	59	3.77			15.3	0.8		395128.37	6909083.56	1209
1124844	22/08/2016	182114	1	N	850		24.8	11.9	-3.1	11	59	3.71			11.9	-3.1		395136.15	6909094.41	1208
1124844	22/08/2016	182158	1	N	862.5		24.8	12.8	-0.5	7	65	4.04			12.8	-0.5		395144.45	6909103.38	1206
1124844	22/08/2016	182242	1	N	875		24.8	19.8	6.5	13	60	3.82			19.8	6.5		395153.41	6909113.13	1204
1124844	22/08/2016	182342	1	N	887.5		24.8	20.5	8.1	22	57	3.81			20.5	8.1		395160.25	6909121.16	1203
1124844	22/08/2016	182422	1	N	900		24.8	18.5	5.6	17	59	3.81			18.5	5.6		395167.13	6909130.85	1201
1124844	22/08/2016	182502	1	N	912.5		24.8	18.2	4	11	58	3.68			18.2	4		395175.6	6909140.97	1198
1124844	22/08/2016	182558	1	N	925		24.8	19.3	4.7	18	59	3.81			19.3	4.7		395183.05	6909150.9	1196
1124844	22/08/2016	182638	1	N	937.5		24.8	19.4	4.8	29	56	3.89			19.4	4.8		395190.02	6909160.75	1192
1124844	22/08/2016	182722	1	N	950		24.8	17.6	1.7	13	61	3.84			17.6	1.7		395193.79	6909172.06	1189
1124844	22/08/2016	183010	1	N	962.5		24.8	26.4	9.5	23	56	3.79			26.4	9.5		395198.02	6909182.79	1186
1124844	22/08/2016	183046	1	N	975		24.8	27.5	10.2	12	59	3.72			27.5	10.2		395204.1	6909192.48	1183
1124844	22/08/2016	183138	1	N	987.5		24.8	33.1	14.3	9	56	3.54			33.1	14.3		395212.46	6909201.68	1179
1124844	22/08/2016	183402	1	N	1000		24.8	35.2	16.7	9	55	3.45			35.2	16.7		395219.72	6909211.6	1177
1124844	22/08/2016	183446	1	N	1012.5		24.8	36	17.8	2	53	3.27			36	17.8		395229.59	6909219.85	1175
1124844	22/08/2016	183542	1	N	1025		24.8	33.1	15.2	12	52	3.33			33.1	15.2		395233.82	6909229.32	1171
1124844	22/08/2016	183622	1	N	1037.5		24.8	30	12.1	14	52	3.36			30	12.1		395240.69	6909239.88	1167
1124844	22/08/2016	183710	1	N	1050		24.8	28.7	11	19	51	3.36			28.7	11		395248.9	6909248.72	1162
1124844	22/08/2016	183750	1	N	1062.5		24.8	28.2	9	11	55	3.48			28.2	9		395254.03	6909259.61	1159
1124844	22/08/2016	183834	1	N	1075		24.8	30	11.2	18	54	3.51			30	11.2		395261.17	6909269.18	1154
1124844	22/08/2016	183918	1	N	1087.5		24.8	27.3	8.8	15	52	3.39			27.3	8.8		395269.12	6909277.98	1151
1124844	22/08/2016	183958	1	N	1100		24.8	29.9	9.9	12	53	3.37			29.9	9.9		395275.03	6909288.85	1147
1124844	22/08/2016	184042	1	N	1112.5		24.8	34.3	12.8	14	53	3.38			34.3	12.8		395280.29	6909300.18	1142
1124844	22/08/2016	184130	1	N	1125		24.8	37.2	17.1	19	52	3.44			37.2	17.1		395287.21	6909308.32	1140
1124844	22/08/2016	184206	1	N	1137.5		24.8	42.3	23.2	16	49	3.19			42.3	23.2		395294.09	6909316.87	1135
1124844	22/08/2016	184250	1	N	1150		24.8	37.9	21.4	36	94	3.11			37.9	21.4		395300.6	6909327.78	1131
1124844	22/08/2016	184330	1	N	1162.5		24.8	30.9	15.7	38	92	3.09			30.9	15.7		395306.72	6909337.24	1126
1124844	22/08/2016	184414	1	N	1175		24.8	30.7	15	24	94	2.98			30.7	15		395313.9	6909346.5	1122
1124844	22/08/2016	184458	1	N	1187.5		24.8	24.8	9.6	39	92	3.1			24.8	9.6		395320.44	6909356.26	1118
1124844	22/08/2016	184550	1	N	1200		24.8	24.2	9.7	16	96	3			24.2	9.7		395328.02	6909365.65	1113
1124844	22/08/2016	184738	1	N	1212.5		24.8	23.3	10.2	46	90	3.11			23.3	10.2		395332.53	6909375.14	1108
1124844	22/08/2016	184822	1	N	1225		24.8	25.3	12	5	96	2.97			25.3	12		395339.69	6909386.4	1104
1124844	22/08/2016	184910	1	N	1237.5		24.8	21	10.6	38	94	3.14			21	10.6		395347.92	6909392.95	1100
1124844	22/08/2016	184950	1	N	1250		24.8	20.9	9.1	30	96	3.12			20.9	9.1		395356.82	6909399.69	1098
1124844	22/08/2016	185042	1	N	1262.5		24.8	22.8	12.5	47	93	3.22			22.8	12.5		395363.1	6909410.74	1095
1124844	22/08/2016	185122	1	N	1275		24.8	27.6	17.9	30	96	3.1			27.6	17.9		395369.3	6909420.47	1094
1124844	22/08/2016	185206	1	N	1287.5		24.8	26.9	18.5	18	93	2.94			26.9	18.5		395372.68	6909431.61	1090
1124844	22/08/2016	185306	1	N	1300		24.8	27.8	20.5	15	95	2.97			27.8	20.5		395377.92	6909442.15	1087
1124844	22/08/2016	185354	1	N	1312.5		24.8	27.1	19.3	10	92	2.87			27.1	19.3		395386.33	6909449	1086
1124844	22/08/2016	185434	1	N	1325		24.8	21.5	16.6	8	93	2.89			21.5	16.6		395395.38	6909459.34	1083
1124844	22/08/2016	185510	1	N	1337.5		24.8	19.2	15.9	41	87	2.97			19.2	15.9		395402.11	6909468.14	1079
1124844	22/08/2016	185558	1	N	1350		24.8	15.1	13.9	62	80	3.12			15.1	13.9		395408.55	6909479.07	1076
1124844	22/08/2016	185702	1	N	1362.5		24.8	13	13.9	36	92	3.05			13	13.9		395415.54	6909490.05	1074
1124844	22/08/2016	185742	1	N	1375		24.8	12.3	13.1	45	90	3.1			12.3	13.1		395420.19	6909498.71	1070
1124844	22/08/2016	185826	1	N	1387.5		24.8	11.8	15.4	40	93	3.13			11.8	15.4		395427.38	6909508.17	1064
1124844	22/08/2016	185914	1	N	1400		24.8	16.3	21.1	38	91	3.06			16.3	21.1		395435.12	6909516.79	1058
1124844	22/08/2016	190006	1	N	1412.5		24.8	14.2	19.4	58	82	3.11			14.2	19.4		395439.03	6909526.58	1054
1124844	22/08/2016	190050	1	N	1425		24.8	11.8	17.5	45	86	3.02			11.8	17.5		395446.15	6909536.06	1048
1124844	22/08/2016	190134	1	N	1437.5		24.8	11.9	17.3	30	91	2.97			11.9	17.3		395452.33	6909544.16	1044
8042728	22/08/2016	171730	3	N	0		24.8	-22	1.3	-1	64	3.99	2				Double reading	394826.42	6908299.75	1155
8042728	22/08/2016	172010	3	N	0		24.8	-22.8	0.9	-2	64	3.99			-22.8	0.9		394826.28	6908300.6	1155
8042728	22/08/2016	172230	3	N	12.5		24.8	-20.4	3.8	1	63	3.92			-20.4	3.8		394834.94	6908313.06	1153
8042728	22/08/2016	172326	3	N	25		24.8	-22.8	2.7	6	62	3.88			-22.8	2.7		394842.42	6908321.35	1155
8042728	22/08/2016	172406	3	N	37.5		24.8	-25.3	2	-5	61	3.79			-25.3	2		394849.85	6908330.49	1159
8042728	22/08/2016	172450	3	N	50		24.8	-28.8	1	-2	59	3.68			-28.8	1		394857.1	6908339.9	1162
8042728	22/08/2016	172558	3	N	62.5		24.8	-26.9	2	13	60	3.8			-26.9	2		394864.39	6908348.12	1166
8042728	22/08/2016	172646	3	N	75		24.8	-31.3	1.3	-6	59	3.66			-31.3	1.3		394872.39	6908360.2	1165
8042728	22/08/2016	172746	3	N	87.5		24.8	-34.3	-0.1	3	60	3.71			-34.3	-0.1		394879.44	6908368.62	1165
8042728	22/08/2016	172850	3	N	100		24.8	-37.8	-3.1	11	58	3.66			-37.8	-3.1		394885.24	6908379.09	1172
8042728	22/08/2016	172950	3	N	112.5		24.8	-43.3	-5.7	-8	62	3.87			-43.3	-5.7		394894.22	6908389.68	1174
8042728	22/08/2016	173030	3	N	125		24.8	-41.7	-5.3	0	65	4.02			-41.7	-5.3		394899.45	6908397.01	1168
8042728	22/08/2016	173302	3	N	137.5		24.8	-30.9	1.3	25	68	4.47			-30.9	1.3		394908.27	6908408.8	1173
8042728	22/08/2016	173406	3	N	150		24.8	-28.5	3.2	19	64	4.15			-28.5	3.2		394913.57	6908419.97	1175
8042728	22/08/2016	173458	3	N	162.5		24.8	-27.9	3.6	16	64	4.1			-27.9	3.6		394916.29	6908429.49	1178

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	173634	3	N	175	Large Gap between 175 and station 162.5	24.8	-31.8	2	1	64	3.96			-31.8	2		394920.76	6908445.45	1181
8042728	22/08/2016	173746	3	N	187.5		24.8	-30.3	2.6	0	65	4.01			-30.3	2.6		394925.55	6908453.54	1182
8042728	22/08/2016	173846	3	N	200		24.8	-32.8	-0.7	17	64	4.09			-32.8	-0.7		394932.83	6908464.03	1185
8042728	22/08/2016	174018	3	N	212.5		24.8	-33.6	-0.6	0	64	3.98			-33.6	-0.6		394936.7	6908474.27	1184
8042728	22/08/2016	174126	3	N	225		24.8	-35.8	-2.7	-17	64	4.07			-35.8	-2.7		394946.22	6908485.35	1188
8042728	22/08/2016	174306	3	N	237.5		24.8	-34.6	-3.7	0	67	4.15			-34.6	-3.7		394954	6908491.34	1185
8042728	22/08/2016	174422	3	N	250		24.8	-35.3	-4.6	-14	66	4.21			-35.3	-4.6		394961.03	6908500.45	1189
8042728	22/08/2016	174514	3	N	262.5		24.8	-29.9	-2	8	72	4.51			-29.9	-2		394968.52	6908509.86	1189
8042728	22/08/2016	174606	3	N	275		24.8	-19.9	6.5	5	72	4.44			-19.9	6.5		394974.78	6908520.19	1190
8042728	22/08/2016	174714	3	N	287.5		24.8	-24.9	3.2	-4	65	4.03			-24.9	3.2		394983.28	6908530.91	1193
8042728	22/08/2016	174902	3	N	300		24.8	-29.3	-1.5	0	64	3.98			-29.3	-1.5		394990.66	6908540.14	1193
8042728	22/08/2016	175030	3	N	312.5		24.8	-29.6	-4.7	-15	66	4.17			-29.6	-4.7		394998.68	6908549.06	1193
8042728	22/08/2016	175142	3	N	325		24.8	-28.3	-4.7	-7	71	4.41			-28.3	-4.7		395007.42	6908559.09	1193
8042728	22/08/2016	175326	3	N	337.5		24.8	-16.8	3.8	0	70	4.33			-16.8	3.8		395018.69	6908570.18	1195
8042728	22/08/2016	175434	3	N	350		24.8	-16.6	4.5	-1	68	4.22			-16.6	4.5		395026.61	6908580.21	1198
8042728	22/08/2016	175558	3	N	362.5		24.8	-16.5	4	4	67	4.15			-16.5	4		395033.1	6908591.33	1198
8042728	22/08/2016	175702	3	N	375		24.8	-23.1	-1.4	-6	66	4.12			-23.1	-1.4		395042.05	6908602.25	1199
8042728	22/08/2016	175810	3	N	387.5		24.8	-21.9	-0.2	-24	62	4.12			-21.9	-0.2		395047.89	6908609.79	1200
8042728	22/08/2016	175858	3	N	400		24.8	-22	-1.3	-20	64	4.13			-22	-1.3		395056.77	6908619.31	1202
8042728	22/08/2016	180018	3	N	412.5		24.8	-24.4	-2.5	-5	66	4.07			-24.4	-2.5		395065.03	6908630.47	1204
8042728	22/08/2016	180058	3	N	425		24.8	-23.3	-2.4	4	65	4.05			-23.3	-2.4		395070.5	6908638.14	1205
8042728	22/08/2016	180206	3	N	437.5		24.8	-26.8	-5	-5	65	4.04			-26.8	-5		395079.39	6908649.28	1207
8042728	22/08/2016	180258	3	N	450		24.8	-25.8	-4.2	14	67	4.22			-25.8	-4.2		395085.77	6908658.47	1205
8042728	22/08/2016	180418	3	N	462.5		24.8	-25.5	-1.2	-1	67	4.13			-25.5	-1.2		395092.66	6908671.47	1208
8042728	22/08/2016	180502	3	N	475		24.8	-25.9	-1.8	6	65	4.03			-25.9	-1.8		395096.15	6908682.12	1209
8042728	22/08/2016	180550	3	N	487.5		24.8	-24.9	-0.7	3	65	4.02			-24.9	-0.7		395100.51	6908693.29	1211
8042728	22/08/2016	180658	3	N	500		24.8	-27.3	-1.4	-2	65	4.05			-27.3	-1.4		395105.08	6908701.61	1211
8042728	22/08/2016	180742	3	N	512.5		24.8	-32.8	-5.9	-8	63	3.96			-32.8	-5.9		395112.06	6908712.76	1214
8042728	22/08/2016	180834	3	N	525		24.8	-35.4	-8.5	0	65	4.01			-35.4	-8.5		395120.11	6908721.8	1216
8042728	22/08/2016	181350	3	N	537.5		24.8	-37.9	-9.6	-8	70	4.37			-37.9	-9.6		395128.73	6908733.87	1218
8042728	22/08/2016	181458	3	N	550		24.8	-37.9	-11.9	-3	73	4.52			-37.9	-11.9		395137.19	6908745.2	1222
8042728	22/08/2016	181614	3	N	562.5		24.8	-32.4	-8.5	-14	76	4.81			-32.4	-8.5		395143.26	6908752.18	1223
8042728	22/08/2016	181654	3	N	575		24.8	-21.5	-4	-20	82	5.21			-21.5	-4		395151.79	6908761.25	1224
8042728	22/08/2016	181806	3	N	587.5		24.8	-7.3	1	-15	80	5.02			-7.3	1		395159.76	6908770.65	1227
8042728	22/08/2016	181858	3	N	600		24.8	0.5	2.8	-5	76	4.72			0.5	2.8		395166.09	6908780.84	1226
8042728	22/08/2016	181954	3	N	612.5		24.8	-2	-2.1	2	72	4.47			-2	-2.1		395168.84	6908791.73	1229
8042728	22/08/2016	182110	3	N	625		24.8	-5.7	-6.4	-19	69	4.42			-5.7	-6.4		395175.25	6908802.35	1233
8042728	22/08/2016	182202	3	N	637.5		24.8	-9.2	-11.3	-16	70	4.45			-9.2	-11.3		395182.41	6908810.75	1236
8042728	22/08/2016	182250	3	N	650		24.8	-6.9	-8.6	-17	75	4.75			-6.9	-8.6		395189.76	6908822.45	1239
8042728	22/08/2016	182338	3	N	662.5		24.8	-3.2	-5.4	-9	74	4.59			-3.2	-5.4		395196.63	6908830.65	1240
8042728	22/08/2016	182458	3	N	675		24.8	1.2	-3.3	-2	74	4.6			1.2	-3.3		395205.18	6908841.62	1241
8042728	22/08/2016	182602	3	N	687.5		24.8	3.2	-1.1	-20	70	4.48			3.2	-1.1		395213.31	6908851.81	1241
8042728	22/08/2016	182806	3	N	700		24.8	2.5	-2.4	-8	68	4.26			2.5	-2.4		395220.48	6908862.06	1242
8042728	22/08/2016	182902	3	N	712.5		24.8	3.5	-2.2	13	68	4.27			3.5	-2.2		395227.49	6908872.72	1243
8042728	22/08/2016	182942	3	N	725		24.8	0.5	-3.7	-2	68	4.23			0.5	-3.7		395233.91	6908882.31	1244
8042728	22/08/2016	183030	3	N	737.5		24.8	-0.9	-4.2	-2	67	4.14			-0.9	-4.2		395241.04	6908892.58	1244
8042728	22/08/2016	183106	3	N	750		24.8	-2.8	-4.7	-12	67	4.22			-2.8	-4.7		395248.21	6908902.6	1244
8042728	22/08/2016	183346	3	N	762.5		24.8	0.6	0	-5	70	4.34			0.6	0		395255.42	6908911.33	1243
8042728	22/08/2016	183446	3	N	775		24.8	-1.7	-2.1	2	68	4.24			-1.7	-2.1		395266.16	6908925.27	1241
8042728	22/08/2016	183522	3	N	787.5		24.8	-2.6	-1.5	-10	70	4.39			-2.6	-1.5		395275.77	6908937.46	1239
8042728	22/08/2016	183554	3	N	800		24.8	-2.3	-1.1	-6	71	4.38			-2.3	-1.1		395280.53	6908943.77	1236
8042728	22/08/2016	183622	3	N	812.5		24.8	-2	-1	-6	71	4.41			-2	-1		395286.93	6908951.68	1232
8042728	22/08/2016	183658	3	N	825		24.8	-1.7	-0.9	-21	71	4.56			-1.7	-0.9		395294.47	6908960.96	1229
8042728	22/08/2016	183734	3	N	837.5		24.8	0.8	1	-11	71	4.47			0.8	1		395301.01	6908969.13	1227
8042728	22/08/2016	183906	3	N	850		24.8	3.5	2.2	-8	76	4.72			3.5	2.2		395309.17	6908977.85	1224
8042728	22/08/2016	184034	3	N	862.5		24.8	8.8	5.3	-6	73	4.55			8.8	5.3		395319.38	6908992.53	1221
8042728	22/08/2016	184146	3	N	875		24.8	9.5	5.4	-6	73	4.52			9.5	5.4		395325.01	6909000.02	1220
8042728	22/08/2016	184310	3	N	887.5		24.8	12.4	6.4	-6	73	4.56			12.4	6.4		395328.51	6909008.9	1218
8042728	22/08/2016	184354	3	N	900		24.8	16.6	8.9	-6	70	4.34			16.6	8.9		395338.63	6909020.91	1216
8042728	22/08/2016	184442	3	N	912.5		24.8													

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	184926	3	N	1000		24.8	15.4	4.7	0	63	3.89			15.4	4.7		395394.42	6909101.8	1194
8042728	22/08/2016	185006	3	N	1012.5		24.8	14.4	3	1	62	3.84			14.4	3		395399.68	6909111.81	1192
8042728	22/08/2016	185050	3	N	1025		24.8	13.9	2.5	-5	64	3.99			13.9	2.5		395405.26	6909120.34	1189
8042728	22/08/2016	185126	3	N	1037.5		24.8	17	3.5	3	63	3.89			17	3.5		395410.44	6909132.17	1186
8042728	22/08/2016	185210	3	N	1050		24.8	17.8	3.8	1	64	3.99			17.8	3.8		395416.5	6909143.29	1183
8042728	22/08/2016	185254	3	N	1062.5		24.8	25.8	11.8	0	62	3.81			25.8	11.8		395426.62	6909156.62	1178
8042728	22/08/2016	185338	3	N	1075		24.8	24	12.1	-7	59	3.69			24	12.1		395432.79	6909164.88	1176
8042728	22/08/2016	185410	3	N	1087.5		24.8	21.2	9.8	0	59	3.62			21.2	9.8		395438.74	6909171.39	1174
8042728	22/08/2016	185454	3	N	1100		24.8	17.8	6.9	-7	59	3.7			17.8	6.9		395447.11	6909180.76	1171
8042728	22/08/2016	185538	3	N	1112.5		24.8	13.9	3.7	1	57	3.54			13.9	3.7		395454.4	6909190.4	1170
8042728	22/08/2016	185626	3	N	1125		24.8	11.1	2.6	-4	58	3.63			11.1	2.6		395460.53	6909201.17	1165
8042728	22/08/2016	185710	3	N	1137.5		24.8	10.2	1.9	-1	59	3.63			10.2	1.9		395468.24	6909212.12	1162
8042728	22/08/2016	185754	3	N	1150		24.8	10.3	4.3	1	59	3.62			10.3	4.3		395476.48	6909222.94	1160
8042728	22/08/2016	185846	3	N	1162.5		24.8	9.7	6	0	58	3.58			9.7	6		395479.22	6909230.47	1157
8042728	22/08/2016	185926	3	N	1175		24.8	8.3	5.9	-3	58	3.58			8.3	5.9		395484.68	6909242.83	1154
8042728	22/08/2016	190014	3	N	1187.5		24.8	5.2	2.6	8	57	3.57			5.2	2.6		395495.73	6909255.34	1151
8042728	22/08/2016	190102	3	N	1200		24.8	4.4	4.2	-3	58	3.58			4.4	4.2		395502.35	6909264.48	1149
8042728	22/08/2016	190134	3	N	1212.5		24.8	5.2	5.1	7	57	3.58			5.2	5.1		395508.25	6909270.14	1148
8042728	22/08/2016	190214	3	N	1225		24.8	3.3	4.8	5	57	3.53			3.3	4.8		395513.29	6909281.05	1146
8042728	22/08/2016	190258	3	N	1237.5		24.8	0.1	2.3	2	58	3.57			0.1	2.3		395518.51	6909292	1144
8042728	22/08/2016	190338	3	N	1250		24.8	-3.3	-0.4	3	57	3.57			-3.3	-0.4		395524.37	6909301.6	1141
8042728	22/08/2016	190422	3	N	1262.5		24.8	-3.7	-2.6	10	59	3.71			-3.7	-2.6		395528.29	6909305.94	1139
8042728	22/08/2016	190538	3	N	1275		24.8	-6.9	-5.3	-3	62	3.84			-6.9	-5.3		395534.73	6909318.07	1137
8042728	22/08/2016	190622	3	N	1287.5		24.8	4.4	4.1	9	65	4.08			4.4	4.1		395544.52	6909330.24	1133
8042728	22/08/2016	190706	3	N	1300		24.8	10	7.3	11	63	3.98			10	7.3		395553.09	6909344.63	1128
8042728	22/08/2016	190754	3	N	1312.5		24.8	10.9	9.3	0	62	3.87			10.9	9.3		395558.69	6909354.6	1126
8042728	22/08/2016	190838	3	N	1325		24.8	9.9	8.6	0	60	3.72			9.9	8.6		395564.08	6909361.68	1122
8042728	22/08/2016	191002	3	N	1337.5		24.8	11	7.7	8	62	3.9			11	7.7		395572.63	6909374.03	1119
8042728	22/08/2016	191042	3	N	1350		24.8	14.5	10.2	8	59	3.66			14.5	10.2		395582.16	6909383.97	1119
8042728	22/08/2016	191122	3	N	1362.5		24.8	11.4	6.7	11	57	3.58			11.4	6.7		395590.2	6909391.54	1117
8042728	22/08/2016	191202	3	N	1375		24.8	8.4	4	14	57	3.61			8.4	4		395597.09	6909401.38	1118
8042728	22/08/2016	191242	3	N	1387.5		24.8	8.1	6.3	12	55	3.52			8.1	6.3		395604.75	6909414.57	1117
8042728	22/08/2016	191322	3	N	1400		24.8	7	6.7	14	55	3.55			7	6.7		395610.87	6909422.97	1113
8042728	22/08/2016	191414	3	N	1412.5		24.8	3.7	5.2	14	55	3.52			3.7	5.2		395615.84	6909433.12	1108
8042728	22/08/2016	191442	3	N	1412.5		24.8	3.8	5.4	12	55	3.52	2				Double reading	395615.97	6909432.93	1108
1124844	22/08/2016	223654	5	N	0	Should be station 0, Points out of order	24.8	-55.6	-11.8	-3	98	3.04			-55.6	-11.8		394984.84	6908183.61	1113
1124844	22/08/2016	223602	5	N	12.5		24.8	-55.3	-11.1	-13	99	3.07			-55.3	-11.1		394994.54	6908195.36	1118
1124844	22/08/2016	223522	5	N	25		24.8	-58.9	-13.4	-8	99	3.06			-58.9	-13.4		395001.38	6908204.65	1122
1124844	22/08/2016	223434	5	N	37.5		24.8	-64.8	-18.9	17	99	3.09			-64.8	-18.9		395007.6	6908215.82	1127
1124844	22/08/2016	223338	5	N	50		24.8	-44.3	-12.4	71	99	3.75			-44.3	-12.4		395013.58	6908223.15	1127
1124844	22/08/2016	223250	5	N	62.5		24.8	-41.7	-9.8	66	99	3.67			-41.7	-9.8		395020.49	6908235.94	1129
1124844	22/08/2016	223206	5	N	75		24.8	-29.9	-5.1	66	99	3.66			-29.9	-5.1		395028.84	6908244.22	1131
1124844	22/08/2016	223126	5	N	87.5		24.8	-25.1	-4.1	67	99	3.68			-25.1	-4.1		395035.9	6908255.49	1133
1124844	22/08/2016	223018	5	N	100		24.8	-28.1	-2.2	27	99	3.17			-28.1	-2.2		395041.71	6908267.05	1133
1124844	22/08/2016	222934	5	N	112.5		24.8	-23.5	-3.4	-1	99	3.05			-23.5	-3.4		395049.67	6908274.18	1133
1124844	22/08/2016	222854	5	N	125		24.8	-18.8	-4.5	1	99	3.05			-18.8	-4.5		395060.14	6908279.58	1133
1124844	22/08/2016	222814	5	N	137.5		24.8	-25.9	-12.8	7	99	3.06			-25.9	-12.8		395067.45	6908289.61	1135
1124844	22/08/2016	222726	5	N	150		24.8	-21.9	-10.7	27	99	3.16			-21.9	-10.7		395074.1	6908300.12	1137
1124844	22/08/2016	222646	5	N	162.5		24.8	-24.6	-12	2	99	3.05			-24.6	-12		395078.04	6908310.59	1140
1124844	22/08/2016	222350	5	N	175		24.8	-29.6	-14.9	-10	99	3.06			-29.6	-14.9		395084.27	6908322.22	1142
1124844	22/08/2016	222302	5	N	187.5		24.8	-28.5	-16	0	99	3.05			-28.5	-16		395093.03	6908325.68	1144
1124844	22/08/2016	222142	5	N	200		24.8	-28.3	-19.3	45	99	3.35			-28.3	-19.3		395099.45	6908337.5	1145
1124844	22/08/2016	222054	5	N	212.5		24.8	-20.6	-16.3	81	99	3.94			-20.6	-16.3		395107.01	6908346.82	1149
1124844	22/08/2016	222006	5	N	225		24.8	-18.4	-15	45	99	3.35			-18.4	-15		395112.42	6908358.83	1148
1124844	22/08/2016	221918	5	N	237.5		24.8	-13.7	-12.9	55	99	3.49			-13.7	-12.9		395119.45	6908369.41	1149
1124844	22/08/2016	221750	5	N	250		24.8	-5.6	-10.2	37	99	3.26			-5.6	-10.2		395125.59	6908378.66	1150
1124844	22/08/2016	221658	5	N	262.5		24.8	-0.9	-10	19	99	3.11			-0.9	-10		395132.87	6908389.33	1161
1124844	22/08/2016	221618	5	N	275		24.8	-8.1	-13.1	17	99	3.1			-8.1	-13.1		395137.67	6908398.99	1160
1124844	22/08/2016	221542	5	N	287.5		24.8	3.7	-8.3	11	99	3.07			3.7	-8.3		395144.19	6908409.26	1161
1124844	22/08/2016	221454	5	N	300		24.8	-2.9	-9.1	-15	99	3.09			-2.9	-9.1		395152.49	6908417.97	1165
1124844	22/08/2016	221406	5	N	312.5		24.8	-10.2	-11.6	9	99	3.06			-10.2	-11.6		395162.01	6908425.93	1167
1124844	22/08/2016	221318	5	N	325		24.8	-2	-4.5	-35	99	3.24			-2	-4.5		395170.29	6908434.93	1169
1124844	22/08/2016	221234	5	N	337.5		24.8	-5.7	-8.6	28	99	3.17			-5.7	-8.6		395174.15	6908448.17	1175
1124844	22/08/2016	220418	5	N	350		24.8	-14.8	-12.9	5	99	3.06			-14.8	-12.9		395179.2	6908456.98	1176
1124844	22/08/2016	220318	5	N	362.5		24.8	-17.4	-12.2	-34	99	3.23			-17.4	-12.2		395183.96	6908465.31	1181
1124844	22/08/2016	220206	5	N	375		24.8	-18.3	-12.4	-40	99	3.29			-18.3	-12.4		395192.31	6908475.57	1180

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	220114	5	N	387.5		24.8	-20.2	-12.9	23	99	3.14			-20.2	-12.9		395202.26	6908482.98	1183
1124844	22/08/2016	220030	5	N	400		24.8	-21.1	-11.7	34	99	3.23			-21.1	-11.7		395206.83	6908492.5	1185
1124844	22/08/2016	215942	5	N	412.5		24.8	-14.5	-4.9	4	99	3.06			-14.5	-4.9		395211.92	6908502.69	1187
1124844	22/08/2016	215838	5	N	425		24.8	-20	-5.2	-34	99	3.24			-20	-5.2		395220.74	6908514.63	1189
1124844	22/08/2016	215746	5	N	437.5		24.8	-20.6	-5.8	-5	99	3.06			-20.6	-5.8		395228.68	6908521.74	1189
1124844	22/08/2016	215634	5	N	450		24.8	-23.6	-10.4	52	99	3.45			-23.6	-10.4		395231.21	6908535.13	1194
1124844	22/08/2016	215542	5	N	462.5		24.8	-28.6	-8.1	-14	99	3.08			-28.6	-8.1		395235.68	6908545.32	1196
1124844	22/08/2016	215454	5	N	475		24.8	-24.8	-5.5	17	99	3.1			-24.8	-5.5		395244.11	6908551.61	1197
1124844	22/08/2016	215350	5	N	487.5		24.8	-27	-4.7	-4	99	3.06			-27	-4.7		395251.17	6908562.91	1201
1124844	22/08/2016	215310	5	N	500		24.8	-31.8	-7.6	0	99	3.06			-31.8	-7.6		395255.05	6908572.03	1204
1124844	22/08/2016	215158	5	N	512.5		24.8	-34.6	-7	-46	97	3.33			-34.6	-7		395262.9	6908583.91	1206
1124844	22/08/2016	215106	5	N	525		24.8	-38.9	-8.7	-29	99	3.19			-38.9	-8.7		395271.28	6908591.92	1209
1124844	22/08/2016	215014	5	N	537.5		24.8	-43.7	-10.1	-3	99	3.06			-43.7	-10.1		395281.26	6908597.72	1210
1124844	22/08/2016	214930	5	N	550		24.8	-42.9	-11	11	99	3.08			-42.9	-11		395290.67	6908606.19	1212
1124844	22/08/2016	214834	5	N	562.5		24.8	-46.4	-10.8	-20	99	3.12			-46.4	-10.8		395296.36	6908618.82	1212
1124844	22/08/2016	214746	5	N	575		24.8	-46.2	-10.1	-14	99	3.09			-46.2	-10.1		395303.26	6908627.27	1214
1124844	22/08/2016	214706	5	N	587.5		24.8	-47.9	-11.4	0	99	3.06			-47.9	-11.4		395308.22	6908636.96	1217
1124844	22/08/2016	214618	5	N	600		24.8	-43.7	-10.3	21	99	3.13			-43.7	-10.3		395314.67	6908649	1217
1124844	22/08/2016	214538	5	N	612.5		24.8	-26.6	-2.3	5	99	3.06			-26.6	-2.3		395321.08	6908658.31	1220
1124844	22/08/2016	214442	5	N	625		24.8	-29	-4.3	-42	99	3.33			-29	-4.3		395326.6	6908669.68	1223
1124844	22/08/2016	214342	5	N	637.5		24.8	-27.2	-6.5	-25	99	3.15			-27.2	-6.5		395333.47	6908680.36	1224
1124844	22/08/2016	214238	5	N	650		24.8	-28.1	-9.1	-26	99	3.16			-28.1	-9.1		395340.4	6908689.29	1226
1124844	22/08/2016	214154	5	N	662.5		24.8	-22.6	-6.8	5	99	3.06			-22.6	-6.8		395347.3	6908697.3	1227
1124844	22/08/2016	214054	5	N	675		24.8	-18.8	-7.9	-9	99	3.07			-18.8	-7.9		395350.02	6908710.32	1230
1124844	22/08/2016	213722	5	N	687.5		24.8	-17.6	-7.8	-38	99	3.28			-17.6	-7.8		395358.41	6908718.13	1231
1124844	22/08/2016	213630	5	N	700		24.8	-18.7	-10.9	-13	99	3.09			-18.7	-10.9		395365.1	6908729.14	1232
1124844	22/08/2016	213546	5	N	712.5		24.8	-16	-11	-27	99	3.18			-16	-11		395371.05	6908738.81	1233
1124844	22/08/2016	213458	5	N	725		24.8	-7.1	-3.3	-24	99	3.15			-7.1	-3.3		395377.56	6908749	1235
1124844	22/08/2016	213418	5	N	737.5		24.8	-7.1	-6.3	-33	99	3.22			-7.1	-6.3		395385.51	6908760.04	1236
1124844	22/08/2016	213338	5	N	750		24.8	-11.8	-12.9	-4	99	3.06			-11.8	-12.9		395393.59	6908768.91	1238
1124844	22/08/2016	213254	5	N	762.5		24.8	-11.2	-14.7	15	99	3.1			-11.2	-14.7		395404.2	6908776.41	1239
1124844	22/08/2016	213206	5	N	775		24.8	-11.4	-15.6	10	99	3.08			-11.4	-15.6		395410.79	6908784.35	1241
1124844	22/08/2016	213122	5	N	787.5		24.8	-13.1	-17.6	7	99	3.07			-13.1	-17.6		395418.31	6908796.14	1243
1124844	22/08/2016	212906	5	N	800		24.8	-5.9	-13.6	21	99	3.13			-5.9	-13.6		395424.84	6908805.8	1244
1124844	22/08/2016	212826	5	N	812.5		24.8	10.3	-2.3	12	99	3.08			10.3	-2.3		395432.06	6908817.05	1245
1124844	22/08/2016	212746	5	N	825		24.8	7.6	-2.1	23	99	3.14			7.6	-2.1		395438.45	6908825.46	1246
1124844	22/08/2016	212642	5	N	837.5		24.8	6.4	-5.1	18	99	3.11			6.4	-5.1		395447.04	6908835.54	1250
1124844	22/08/2016	212602	5	N	850		24.8	4.5	-7	4	99	3.07			4.5	-7		395452.29	6908846.82	1252
1124844	22/08/2016	212502	5	N	862.5		24.8	1.8	-10.2	32	99	3.22			1.8	-10.2		395459.12	6908856.54	1254
1124844	22/08/2016	212354	5	N	875		24.8	-7.3	-14	4	99	3.07			-7.3	-14		395465.92	6908867.51	1256
1124844	22/08/2016	212306	5	N	887.5		24.8	-8.5	-14.1	5	99	3.07			-8.5	-14.1		395472.43	6908877.41	1256
1124844	22/08/2016	212230	5	N	900		24.8	-0.1	-5.7	14	99	3.09			-0.1	-5.7		395479.91	6908888.45	1257
1124844	22/08/2016	212150	5	N	912.5		24.8	4.7	0.3	16	99	3.1			4.7	0.3		395487.66	6908898.41	1257
1124844	22/08/2016	212034	5	N	925		24.8	10.5	2.7	28	99	3.18			10.5	2.7		395495.3	6908907.73	1257
1124844	22/08/2016	211950	5	N	937.5		24.8	10.9	3.8	43	99	3.34			10.9	3.8		395500.52	6908918.91	1255
1124844	22/08/2016	211858	5	N	950		24.8	13.9	4.9	36	99	3.26			13.9	4.9		395507.2	6908929.79	1253
1124844	22/08/2016	211658	5	N	962.5		24.8	9.7	3.5	51	99	3.44			9.7	3.5		395513.39	6908940.71	1252
1124844	22/08/2016	211550	5	N	975		24.8	9.6	6.5	0	99	3.06			9.6	6.5		395520.17	6908951.18	1248
1124844	22/08/2016	211454	5	N	987.5		24.8	13.9	7.9	16	99	3.1			13.9	7.9		395529.11	6908958.72	1244
1124844	22/08/2016	211358	5	N	1000		24.8	15.3	9.4	44	99	3.35			15.3	9.4		395537.51	6908967.95	1239
1124844	22/08/2016	211142	5	N	1012.5		24.8	11.7	7.1	40	99	3.3			11.7	7.1		395542.91	6908976.83	1235
1124844	22/08/2016	210910	5	N	1025		24.8	12.2	6.9	23	99	3.14			12.2	6.9		395549.5	6908986.71	1231
1124844	22/08/2016	210810	5	N	1037.5		24.8	13.3	5.6	61	99	3.58			13.3	5.6		395557.68	6908993.78	1224
1124844	22/08/2016	210706	5	N	1050		24.8	8.6	3.6	32	99	3.22			8.6	3.6		395562.04	6909003.01	1217
1124844	22/08/2016	210602	5	N	1062.5		24.8	11.6	7.2	28	99	3.17			11.6	7.2		395568.72	6909012.34	1212
1124844	22/08/2016	210450	5	N	1075		24.8	17.5	11.8	22	99	3.13			17.5	11.8		395574.29	6909023.93	1208
1124844	22/08/2016	210358	5	N	1087.5		24.8	18.5	13.9	11	99	3.07			18.5	13.9		395582.44	6909034.77	1205
1124844	22/08/2016	210302	5	N	1100		24.8	13.5	9.9	25	99	3.15			13.5	9.9		395588.49	6909043.48	1204
1124844	22/08/2016	210142	5	N	1112.5		24.8	12.5	8.6	-3	99	3.05			12.5	8.6		395593.08	6909055.62	1202
1124844	22/08/2016	210034	5	N	1125		24.8	8.1	4.8	30	99	3.19			8.1	4.8		395598.98	6909067.16	1200
1124844	22/08/2016	205926	5	N	1137.5		24.8	6.1	4.2	27	99	3.17			6.1	4.2		395610.11	6909074.32	1198
1124844	22/08/2016	205842	5	N	1150		24.8	6.2	5.8	13	99	3.08			6.2	5.8		395616.5	6909084.14	1197
1124844	22/08/2016	205742	5	N	1162.5		24.8	8.9	7.3	19	99	3.1			8.9	7.3		395622.84	6909093.91	1195
1124844	22/08/2016	205650	5	N	1175		24.8	6.8	6.7	18	99	3.1			6.8	6.7		395629.56	6909102.9	1192
1124844	22/08/2016	205550	5	N	1187.5		24.8	6	6.4	2	99	3.05			6	6.4		395639.22	6909112.01	1190
1124844	22/08/2016	205354	5	N	1200		24.8	4.9	4.7	17	99	3.1			4.9	4.7		395643.95	6909121.19	1186

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	205254	5	N	1212.5		24.8	4.7	1	32	99	3.2			4.7	1		395651.71	6909130.36	1185
1124844	22/08/2016	205158	5	N	1225		24.8	4.9	-2	16	99	3.09			4.9	-2		395658.51	6909140.38	1183
1124844	22/08/2016	205022	5	N	1237.5		24.8	4.4	-3.8	60	99	3.57			4.4	-3.8		395667.38	6909147.15	1181
1124844	22/08/2016	204906	5	N	1250		24.8	12.4	1.3	78	99	3.88			12.4	1.3		395675.07	6909159.1	1178
1124844	22/08/2016	204810	5	N	1262.5		24.8	13.1	0.9	53	99	3.46			13.1	0.9		395679.6	6909170.11	1176
1124844	22/08/2016	204722	5	N	1275		24.8	14.8	-0.2	58	99	3.54			14.8	-0.2		395685.24	6909180.75	1174
1124844	22/08/2016	204630	5	N	1287.5		24.8	22.7	1.7	31	99	3.2			22.7	1.7		395690.47	6909191.56	1171
1124844	22/08/2016	204530	5	N	1300		24.8	30.2	8	75	98	3.83			30.2	8		395696.63	6909202.58	1168
1124844	22/08/2016	204434	5	N	1312.5		24.8	28.1	6	19	99	3.1			28.1	6		395701.04	6909213.51	1165
1124844	22/08/2016	204342	5	N	1325		24.8	27.8	3.6	39	99	3.27			27.8	3.6		395708.6	6909222.29	1163
1124844	22/08/2016	204238	5	N	1337.5		24.8	33.7	5.4	22	99	3.12			33.7	5.4		395716.19	6909232.54	1162
1124844	22/08/2016	204150	5	N	1350		24.8	29.3	3.9	20	99	3.11			29.3	3.9		395723.02	6909243.05	1160
1124844	22/08/2016	204042	5	N	1362.5		24.8	30.5	7.5	11	98	3.06			30.5	7.5		395730.23	6909251.68	1158
1124844	22/08/2016	203946	5	N	1375		24.8	27.7	5.4	31	98	3.19			27.7	5.4		395737.9	6909261.39	1156
1124844	22/08/2016	203854	5	N	1387.5		24.8	24.1	4.6	22	97	3.08			24.1	4.6		395746.25	6909270.78	1154
1124844	22/08/2016	203806	5	N	1400		24.8	21.9	4.9	34	96	3.16			21.9	4.9		395753.6	6909281.06	1151
1124844	22/08/2016	203434	5	N	1412.5		24.8	23.9	5.4	39	93	3.12			23.9	5.4		395758.17	6909290.46	1148
1124844	22/08/2016	203326	5	N	1425		24.8	23.9	9.4	6	95	2.94			23.9	9.4		395765.27	6909301.59	1146
1124844	22/08/2016	203222	5	N	1437.5		24.8	18.9	4.6	27	97	3.1			18.9	4.6		395774.43	6909311.53	1143
1124844	22/08/2016	202954	5	N	1450		24.8	14.7	3.8	36	94	3.11			14.7	3.8		395780.32	6909320.74	1140
1124844	22/08/2016	203022	5	N	1450		24.8	15.3	4.1	41	94	3.17			15.3	4.1		395780.32	6909320.85	1139
8042728	22/08/2016	222226	7	N	0		24.8	-11.7	-6.3	28	76	5.01	2					395154.9	6908067.63	1130
8042728	22/08/2016	222250	7	N	0		24.8	-11.4	-6.3	25	74	4.86	2					395154.1	6908066.57	1129
8042728	22/08/2016	222318	7	N	0		24.8	-11.7	-6.5	27	75	4.96	2					395153.93	6908064.93	1130
8042728	22/08/2016	222338	7	N	0	Should be station 0, all stations need to be changed	24.8	-12.6	-6.8	31	74	4.93			-12.6	-6.8		395153.99	6908064.25	1130
8042728	22/08/2016	222146	7	N	12.5		24.8	-10.2	-6.1	40	71	5.08			-10.2	-6.1		395156.82	6908075.4	1129
8042728	22/08/2016	222110	7	N	25		24.8	-8.7	-7.5	20	76	4.89			-8.7	-7.5		395160.08	6908083.67	1133
8042728	22/08/2016	222018	7	N	37.5		24.8	-2.8	-6.4	9	77	4.81			-2.8	-6.4		395167.04	6908096.28	1137
8042728	22/08/2016	221938	7	N	50		24.8	4.1	-3.1	1	75	4.64			4.1	-3.1		395175.93	6908105.08	1140
8042728	22/08/2016	221846	7	N	62.5		24.8	7.4	-2	-11	69	4.31			7.4	-2		395183.49	6908116.55	1144
8042728	22/08/2016	221802	7	N	75		24.8	5.2	-3.7	10	70	4.39			5.2	-3.7		395190.48	6908125.05	1145
8042728	22/08/2016	221718	7	N	87.5		24.8	6.9	-2.5	-6	70	4.33			6.9	-2.5		395198.01	6908135.22	1150
8042728	22/08/2016	221642	7	N	100		24.8	8.9	1.3	3	66	4.11			8.9	1.3		395204.63	6908145.66	1152
8042728	22/08/2016	221554	7	N	112.5		24.8	6.3	0.2	3	63	3.94			6.3	0.2		395210.29	6908154.88	1149
8042728	22/08/2016	221458	7	N	125		24.8	2.3	-1.8	11	60	3.8			2.3	-1.8		395216.89	6908166.03	1154
8042728	22/08/2016	221410	7	N	137.5		24.8	-2.1	-4.5	4	63	3.9			-2.1	-4.5		395224.61	6908174.87	1158
8042728	22/08/2016	221322	7	N	150		24.8	-5.3	-6.6	4	62	3.85			-5.3	-6.6		395233.22	6908184.33	1160
8042728	22/08/2016	221234	7	N	162.5		24.8	-4.7	-4.9	-2	63	3.88			-4.7	-4.9		395239.9	6908192.58	1161
8042728	22/08/2016	221158	7	N	175		24.8	-7.3	-6.1	5	61	3.81			-7.3	-6.1		395244.23	6908201.5	1162
8042728	22/08/2016	221110	7	N	187.5		24.8	-11.2	-8.2	0	62	3.83			-11.2	-8.2		395255.89	6908213.02	1166
8042728	22/08/2016	221026	7	N	200		24.8	-15.3	-10.6	0	62	3.86			-15.3	-10.6		395261.81	6908222.02	1168
8042728	22/08/2016	220946	7	N	212.5		24.8	-16.4	-10.1	3	63	3.91			-16.4	-10.1		395270.12	6908231.98	1170
8042728	22/08/2016	220910	7	N	225		24.8	-14.4	-8.7	-11	64	4.04			-14.4	-8.7		395277.79	6908240.62	1173
8042728	22/08/2016	220830	7	N	237.5		24.8	-16.7	-9.9	0	63	3.92			-16.7	-9.9		395284.25	6908250.43	1172
8042728	22/08/2016	220746	7	N	250		24.8	-15.3	-8.9	1	65	4.02			-15.3	-8.9		395293.57	6908261.37	1177
8042728	22/08/2016	220702	7	N	262.5		24.8	-13.2	-6.8	5	66	4.08			-13.2	-6.8		395299.26	6908270.49	1180
8042728	22/08/2016	220622	7	N	275		24.8	-7.8	-2.2	3	66	4.09			-7.8	-2.2		395305.35	6908280.85	1178
8042728	22/08/2016	220550	7	N	287.5		24.8	-7.3	-2	6	66	4.12			-7.3	-2		395309.88	6908288.4	1183
8042728	22/08/2016	220510	7	N	300		24.8	-11.4	-4.8	-7	63	3.91			-11.4	-4.8		395319.95	6908298.86	1185
8042728	22/08/2016	220414	7	N	312.5		24.8	-12.4	-4.4	0	64	3.94			-12.4	-4.4		395325.19	6908310.78	1189
8042728	22/08/2016	220326	7	N	325		24.8	-13.8	-5.9	-9	63	3.92			-13.8	-5.9		395332.87	6908320.7	1189
8042728	22/08/2016	220226	7	N	337.5		24.8	-14.8	-5.2	9	65	4.06			-14.8	-5.2		395335.5	6908327.32	1192
8042728	22/08/2016	220106	7	N	350		24.8	-10.4	-1.8	-4	69	4.3			-10.4	-1.8		395344.04	6908336.3	1194
8042728	22/08/2016	220018	7	N	362.5		24.8	-3	6.1	10	66	4.13			-3	6.1		395352.49	6908348.06	1194
8042728	22/08/2016	215934	7	N	375		24.8	-7.8	3.8	5	62	3.87			-7.8	3.8		395359.32	6908359.38	1195
8042728	22/08/2016	215846	7	N	387.5		24.8	-10.2	1.7	5	61	3.79			-10.2	1.7		395366.68	6908368.52	1199
8042728	22/08/2016	215802	7	N	400		24.8	-13.3	0	4	61	3.78			-13.3	0		395372.05	6908378.68	1202
8042728	22/08/2016	215722	7	N	412.5		24.8	-14.9	-0.6	1	62	3.83			-14.9	-0.6		395376.85	6908384.71	1203
8042728	22/08/2016	215638	7	N	425		24.8	-17.5	-0.2	2	61	3.81			-17.5	-0.2		395384.43	6908395.76	1206
8042728	22/08/2016	215554	7	N	437.5		24.8	-20.2	-1.7	0	61	3.81			-20.2	-1.7		395392.13	6908405.61	1206
8042728	22/08/2016	215446	7	N	450		24.8	-24.1	-3.8	7	61	3.79			-24.1	-3.8		395401.92	6908420.99	1208
8042728	22/08/2016	215346	7	N	462.5		24.8	-25.7	-4.4	10	62	3.9			-25.7	-4.4		395408.6	6908431.16	1211
8042728	22/08/2016	215314	7	N	475		24.8	-26.9	-5.4	10	63	3.94			-26.9	-5.4		395412.16	6908436.59	1212
8042728	22/08/2016	215214	7	N	487.5		24.8	-25.5	-3.8	6	66	4.11			-25.5	-3.8		395421.38	6908448.64	1213
8042728	22/08/2016	215134	7	N	500		24.8	-25	-2.4	7	66	4.08			-25	-2.4		395424.34	6908453.9	1216
8042728	22/08/2016	215050	7	N	512.5		24.8	-23.9	-0.9	3	65	4.02			-23.9	-0.9		395431.83	6908466.22	1219

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	215010	7	N	525		24.8	-23.9	-0.4	6	66	4.09			-23.9	-0.4		395439.51	6908476.12	1221
8042728	22/08/2016	214926	7	N	537.5		24.8	-27.1	-3.1	9	65	4.07			-27.1	-3.1		395446.83	6908486.42	1223
8042728	22/08/2016	214850	7	N	550		24.8	-28.9	-5.3	5	69	4.26			-28.9	-5.3		395454.79	6908495.25	1226
8042728	22/08/2016	214742	7	N	562.5		24.8	-30.4	-7.1	11	72	4.54			-30.4	-7.1		395467.06	6908506.98	1228
8042728	22/08/2016	214638	7	N	575		24.8	-21.4	-3.2	7	77	4.76			-21.4	-3.2		395472.69	6908517.63	1229
8042728	22/08/2016	214538	7	N	587.5		24.8	-9	2.2	-6	77	4.81			-9	2.2		395479.94	6908528.52	1231
8042728	22/08/2016	214414	7	N	600		24.8	-5.9	3.1	4	73	4.52			-5.9	3.1		395483.98	6908536.48	1233
8042728	22/08/2016	214318	7	N	612.5		24.8	-9.2	-0.5	11	69	4.33			-9.2	-0.5		395492.2	6908549.39	1235
8042728	22/08/2016	214214	7	N	625		24.8	-8.5	-1	-4	71	4.37			-8.5	-1		395499.02	6908558.83	1236
8042728	22/08/2016	214134	7	N	637.5		24.8	-10.9	-3.8	8	70	4.39			-10.9	-3.8		395505.75	6908568.5	1237
8042728	22/08/2016	214050	7	N	650		24.8	-8.7	-1.7	8	69	4.31			-8.7	-1.7		395513.71	6908583.23	1239
8042728	22/08/2016	213742	7	N	662.5		24.8	-7.6	-0.7	-3	67	4.18			-7.6	-0.7		395520.07	6908590.73	1240
8042728	22/08/2016	213650	7	N	675		24.8	-13.7	-5.8	8	67	4.18			-13.7	-5.8		395529.38	6908606.14	1242
8042728	22/08/2016	213602	7	N	687.5		24.8	-17.5	-8.4	8	67	4.16			-17.5	-8.4		395536.52	6908615.54	1244
8042728	22/08/2016	213510	7	N	700		24.8	-21	-12.4	-1	70	4.31			-21	-12.4		395543.57	6908625.76	1245
8042728	22/08/2016	213426	7	N	712.5		24.8	-18.5	-10.9	-6	72	4.5			-18.5	-10.9		395549.4	6908633.64	1247
8042728	22/08/2016	213338	7	N	725		24.8	-8	-5.1	-9	75	4.7			-8	-5.1		395556.22	6908642.57	1248
8042728	22/08/2016	213242	7	N	737.5		24.8	-0.5	-1.5	-2	72	4.43			-0.5	-1.5		395564.47	6908654.14	1250
8042728	22/08/2016	213150	7	N	750		24.8	2	-1	6	72	4.46			2	-1		395570.81	6908663.54	1252
8042728	22/08/2016	213106	7	N	762.5		24.8	2.5	-1.3	5	69	4.28			2.5	-1.3		395576.6	6908673.54	1252
8042728	22/08/2016	213026	7	N	775		24.8	-0.2	-4.7	2	70	4.32			-0.2	-4.7		395583.92	6908683.8	1254
8042728	22/08/2016	212930	7	N	787.5		24.8	-1.2	-6.2	0	67	4.17			-1.2	-6.2		395588.8	6908692.55	1256
8042728	22/08/2016	212822	7	N	800		24.8	-1.2	-6	1	70	4.31			-1.2	-6		395597.45	6908703.98	1258
8042728	22/08/2016	212742	7	N	812.5		24.8	-0.3	-5.5	-3	67	4.17			-0.3	-5.5		395603.75	6908713.71	1259
8042728	22/08/2016	212658	7	N	825		24.8	-2.6	-6.7	4	68	4.21			-2.6	-6.7		395608.52	6908720.48	1260
8042728	22/08/2016	212618	7	N	837.5		24.8	-5	-10	6	67	4.16			-5	-10		395617.98	6908732.88	1261
8042728	22/08/2016	212530	7	N	850		24.8	-5.8	-10.8	4	71	4.4			-5.8	-10.8		395624.55	6908743.29	1263
8042728	22/08/2016	212446	7	N	862.5		24.8	-3.3	-8.5	4	75	4.63			-3.3	-8.5		395634.48	6908757.67	1264
8042728	22/08/2016	212402	7	N	875		24.8	-0.5	-6.5	9	74	4.64			-0.5	-6.5		395640.71	6908767.32	1265
8042728	22/08/2016	212314	7	N	887.5		24.8	5.6	-2.8	1	76	4.71			5.6	-2.8		395647.71	6908778.62	1266
8042728	22/08/2016	212230	7	N	900		24.8	15.9	4.2	2	76	4.68			15.9	4.2		395654.76	6908788.99	1267
8042728	22/08/2016	212138	7	N	912.5		24.8	19.7	7.1	1	75	4.61			19.7	7.1		395659.19	6908796.75	1267
8042728	22/08/2016	212054	7	N	925		24.8	27.3	10.9	4	71	4.42			27.3	10.9		395664.73	6908804.87	1267
8042728	22/08/2016	212010	7	N	937.5		24.8	21.4	9.5	9	66	4.13			21.4	9.5		395670.56	6908817.51	1269
8042728	22/08/2016	211918	7	N	950		24.8	16.1	3.8	3	67	4.12			16.1	3.8		395678.5	6908830.75	1270
8042728	22/08/2016	211826	7	N	962.5		24.8	15.1	5	12	65	4.12			15.1	5		395685.57	6908841.54	1270
8042728	22/08/2016	211742	7	N	975		24.8	18.1	7.3	1	66	4.11			18.1	7.3		395692	6908851.65	1271
8042728	22/08/2016	211654	7	N	987.5		24.8	18	8.6	3	68	4.23			18	8.6		395699.48	6908861.55	1270
8042728	22/08/2016	211606	7	N	1000		24.8	18.7	9.5	-6	66	4.11			18.7	9.5		395706.25	6908871.27	1269
8042728	22/08/2016	211522	7	N	1012.5		24.8	18.2	9.6	0	68	4.2			18.2	9.6		395714.64	6908883.37	1268
8042728	22/08/2016	211430	7	N	1025		24.8	18.2	10.6	-10	66	4.13			18.2	10.6		395720.24	6908891.91	1268
8042728	22/08/2016	211330	7	N	1037.5		24.8	19.7	13.8	-15	63	4			19.7	13.8		395728.83	6908901.16	1266
8042728	22/08/2016	211218	7	N	1050		24.8	20.6	17.6	-1	63	3.92			20.6	17.6		395738.78	6908916.43	1264
8042728	22/08/2016	211126	7	N	1062.5		24.8	17.2	15	10	62	3.91			17.2	15		395746.74	6908928.89	1260
8042728	22/08/2016	211026	7	N	1075		24.8	15.5	14.7	26	61	4.12			15.5	14.7		395751.6	6908937.97	1256
8042728	22/08/2016	210834	7	N	1087.5		24.8	15	13.7	12	65	4.12			15	13.7		395756.76	6908952.66	1251
8042728	22/08/2016	210730	7	N	1100		24.8	13.4	12.7	13	63	3.97			13.4	12.7		395764.13	6908962.23	1247
8042728	22/08/2016	210622	7	N	1112.5		24.8	12.1	11	12	63	4			12.1	11		395769.14	6908969.52	1242
8042728	22/08/2016	205950	7	N	1125		24.8	10	5.2	-8	68	4.27			10	5.2		395780.86	6908980.31	1234
8042728	22/08/2016	205854	7	N	1137.5		24.8	13	6.9	2	72	4.48			13	6.9		395787.57	6908987.87	1229
8042728	22/08/2016	205742	7	N	1150		24.8	21.4	9.3	8	75	4.68			21.4	9.3		395795.9	6908998.52	1226
8042728	22/08/2016	205634	7	N	1162.5		24.8	29.5	13	20	73	4.67			29.5	13		395801.39	6909008.51	1224
8042728	22/08/2016	205542	7	N	1175		24.8	39.6	18.5	18	67	4.32			39.6	18.5		395808.7	6909020.22	1221
8042728	22/08/2016	205450	7	N	1187.5		24.8	39.1	16.4	13	64	4.06			39.1	16.4		395813.84	6909028.97	1219
8042728	22/08/2016	205354	7	N	1200		24.8	39.7	14.7	18	61	3.95			39.7	14.7		395819.12	6909039.08	1217
8042728	22/08/2016	205306	7	N	1212.5		24.8	39.5	13	3	60	3.75			39.5	13		395825.93	6909049.32	1215
8042728	22/08/2016	205110	7	N	1225		24.8	39.5	12.9	5	60	3.74			39.5	12.9		395831.8	6909057.35	1214
8042728	22/08/2016	204954	7	N	1237.5		24.8	38.7	12.5	4	58	3.63			38.7	12.5		395840.68	6909069.15	1211
8042728	22/08/2016	204750	7	N	1250		24.8	34.8	9.2	13	56	3.59			34.8	9.2		395850.24	6909084.22	1207
8042728	22/08/2016	204558	7	N	1262.5		24.8	33.3	7.1	1	57	3.51			33.3	7.1		395857.39	6909094.35	1203
8042728	22/08/2016	204510	7	N	1275		24.8	31.8	6	10	57	3.61			31.8	6		395864.73	6909103.83	1200
8042728	22/08/2016	204426	7	N	1287.5		24.8	31	5.5	8	56	3.5			31	5.5		395871.5	6909112.46	1197
8042728	22/08/2016	204310	7	N	1300		24.8	31.9	6.3	13	57	3.61			31.9	6.3		395878.91	6909121.08	1193
8042728	22/08/2016	204218	7	N	1312.5		24.8	35.3	10.6	10	56	3.53			35.3	10.6		395886.8	6909132.18	1190
8042728	22/08/2016	204122	7	N	1325		24.8	35.1	11.4	15	55	3.52			35.1	11.4		395893.12	6909140.58	1187
8042728	22/08/2016	204010	7	N	1337.5		24.8	36.8	13.3	10	56	3.55			36.8	13.3		395901.57	6909150.56	1183

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	203918	7	N	1350		24.8	36.6	14.9	11	55	3.45						395907.61	6909157.6	1181
8042728	22/08/2016	203718	7	N	1362.5		24.8	35.9	15.1	-2	53	3.27	9					395916.67	6909169.98	1176
8042728	22/08/2016	203610	7	N	1375		24.8	32.5	12.6	2	51	3.17						395923.97	6909179.17	1173
8042728	22/08/2016	203514	7	N	1387.5		24.8	28.4	10.3	9	52	3.26						395929.21	6909187.39	1171
8042728	22/08/2016	203358	7	N	1400		24.8	28.7	12.5	1	53	3.27						395938.05	6909198.1	1168
8042728	22/08/2016	203218	7	N	1412.5		24.8	28.4	12.9	7	53	3.34						395944	6909205.97	1164
8042728	22/08/2016	203254	7	N	1412.5		24.8	28.1	13.5	5	52	3.27	2					395944.4	6909206.69	1165
1124844	22/08/2016	232314	9	N	0		24.8	1.6	-3.7	-9	99	3.06	2					395315.83	6907955.75	1134
1124844	22/08/2016	232338	9	N	0		24.8	-6	-6.3	-16	99	3.09						395316.4	6907956.14	1134
1124844	22/08/2016	232534	9	N	12.5		24.8	-2.7	-4.9	38	99	3.27						395324.68	6907959.2	1135
1124844	22/08/2016	232622	9	N	25		24.8	-7.1	-8.4	-14	99	3.08						395329.83	6907969.45	1137
1124844	22/08/2016	232730	9	N	37.5		24.8	-12.9	-12	-34	99	3.22						395337.41	6907978.4	1143
1124844	22/08/2016	232814	9	N	50		24.8	-7.9	-7.3	-23	99	3.13						395346.7	6907984.93	1144
1124844	22/08/2016	232858	9	N	62.5		24.8	-11.2	-7	21	99	3.12						395355.68	6907995.73	1148
1124844	22/08/2016	232958	9	N	75		24.8	-12	-9.6	-8	99	3.06						395359.62	6908005.87	1155
1124844	22/08/2016	233038	9	N	87.5		24.8	-12.9	-8.3	21	99	3.12						395363.03	6908014.48	1156
1124844	22/08/2016	233126	9	N	100		24.8	-16.6	-8.7	6	99	3.05						395371.22	6908024.65	1159
1124844	22/08/2016	233214	9	N	112.5		24.8	-10.8	-5.9	16	99	3.09						395377.98	6908034.26	1162
1124844	22/08/2016	233258	9	N	125		24.8	-13.1	-5.9	30	99	3.19						395381.47	6908045.56	1163
1124844	22/08/2016	233346	9	N	137.5		24.8	-17.1	-8.7	41	99	3.3						395385.85	6908056.41	1167
1124844	22/08/2016	233446	9	N	150		24.8	-18	-9.2	26	99	3.15						395393.36	6908067.47	1168
1124844	22/08/2016	233542	9	N	162.5		24.8	-17.6	-10.2	-2	99	3.05						395402.77	6908073.85	1171
1124844	22/08/2016	233626	9	N	175		24.8	-23	-11	2	99	3.05						395410.82	6908081.94	1173
1124844	22/08/2016	233722	9	N	187.5		24.8	-19.4	-9.6	-10	99	3.06						395422.06	6908091.46	1176
1124844	22/08/2016	233826	9	N	200		24.8	-15.6	-5.1	47	99	3.37						395427.23	6908100.38	1179
1124844	22/08/2016	233914	9	N	212.5		24.8	-15.5	1.2	35	99	3.23						395429.83	6908112.08	1181
1124844	22/08/2016	233950	9	N	225		24.8	-12.2	2.7	60	99	3.57						395434.16	6908123.69	1183
1124844	22/08/2016	234050	9	N	237.5		24.8	-17.4	-1.3	31	99	3.19						395441.88	6908131.87	1185
1124844	22/08/2016	234138	9	N	250		24.8	-13.1	1.8	-9	99	3.06						395448.24	6908142.27	1187
1124844	22/08/2016	234238	9	N	262.5		24.8	-12.3	4.2	-8	99	3.06						395455.49	6908151.64	1187
1124844	22/08/2016	234326	9	N	275		24.8	-15	-0.6	-22	99	3.12						395466.12	6908157.53	1188
1124844	22/08/2016	234414	9	N	287.5		24.8	-15	2.3	27	99	3.16						395472.99	6908169.08	1191
1124844	22/08/2016	234454	9	N	300		24.8	-12.7	5.6	22	99	3.12						395479.53	6908177.94	1190
1124844	22/08/2016	234554	9	N	312.5		24.8	-17.8	2.6	44	99	3.33						395483.6	6908188.12	1192
1124844	22/08/2016	234630	9	N	325		24.8	-15.2	3.6	36	99	3.24						395488.72	6908200.01	1194
1124844	22/08/2016	234714	9	N	337.5		24.8	-16	2.6	-6	99	3.05						395495.11	6908211.14	1197
1124844	22/08/2016	234750	9	N	350		24.8	-16.7	5.1	53	99	3.46						395503.91	6908219.4	1198
1124844	22/08/2016	234842	9	N	362.5		24.8	-14.1	3.9	-11	99	3.06						395511.43	6908228.99	1199
1124844	22/08/2016	234942	9	N	375		24.8	-19.8	-0.1	-9	99	3.05						395517.76	6908237.29	1202
1124844	22/08/2016	235042	9	N	387.5		24.8	-20	0.2	-25	99	3.14						395524.05	6908246.44	1203
1124844	22/08/2016	235122	9	N	400		24.8	-11.5	7.2	-46	99	3.37						395534.23	6908255.26	1203
1124844	22/08/2016	235210	9	N	412.5		24.8	-13.6	8.9	38	99	3.26						395540.12	6908268.47	1206
1124844	22/08/2016	235258	9	N	425		24.8	-8.4	10.4	15	99	3.08						395546.1	6908278	1207
1124844	22/08/2016	235346	9	N	437.5		24.8	-11.8	9.4	38	99	3.27						395550.86	6908289.44	1210
1124844	22/08/2016	235502	9	N	450		24.8	-12.1	10.7	19	99	3.1						395556.02	6908300.45	1213
1124844	22/08/2016	235558	9	N	462.5		24.8	-16.6	8.8	8	99	3.05						395561.31	6908310.44	1216
1124844	22/08/2016	235650	9	N	475		24.8	-16.4	6.7	27	99	3.15						395568.52	6908320.1	1216
1124844	22/08/2016	235730	9	N	487.5		24.8	-24	0	-3	99	3.05						395577.33	6908328.42	1218
1124844	22/08/2016	235810	9	N	500		24.8	-27.1	-1.8	31	99	3.19						395583.46	6908340.9	1219
1124844	22/08/2016	235850	9	N	512.5		24.8	-31.2	-5.3	38	99	3.27						395588.84	6908351.82	1223
1124844	22/08/2016	235934	9	N	525		24.8	-32.9	-9.2	-1	99	3.04						395596.55	6908359.84	1224
1124844	22/08/2016	10	9	N	537.5		24	-44.4	-11.4	-26	99	3.15	9					395606.77	6908367.46	1225
1124844	22/08/2016	50	9	N	550		24.8	-32.4	-11.6	-41	99	3.3						395616.66	6908374.47	1226
1124844	22/08/2016	142	9	N	562.5		24.8	-25.3	-7.3	3	99	3.04						395623.35	6908383.91	1226
1124844	22/08/2016	218	9	N	575		24.8	-8.8	1.8	5	99	3.05						395633.02	6908392.96	1228
1124844	22/08/2016	310	9	N	587.5		24.8	3.1	6.1	12	99	3.07						395633.48	6908406.23	1231
1124844	22/08/2016	418	9	N	600		24.8	12	13.3	50	98	3.41						395638.99	6908416.46	1233
1124844	22/08/2016	438	9	N	600		24.8	7.4	11.1	63	99	3.61	2					395639.1	6908416.34	1233
1124844	22/08/2016	502	9	N	600		24.8	1.2	8.5	75	99	3.82	2					395639.02	6908416.35	1234
1124844	23/08/2016	164830	9	N	612.5		24.8	18.6	15.7	1	63	3.89	1					395648.4	6908432.38	1232
1124844	23/08/2016	165026	9	N	612.5		24.8	16	15.1	8	62	3.86						395648.52	6908432.2	1232
1124844	23/08/2016	165130	9	N	625		24.8	13.3	8.5	-25	57	3.87						395656.88	6908440	

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	23/08/2016	165606	9	N	687.5		24.8	0.9	1.6	-1	57	3.53			0.9	1.6		395687.52	6908488.02	1249
1124844	23/08/2016	165654	9	N	700		24.8	-4.7	-0.1	18	54	3.52			-4.7	-0.1		395696.36	6908497.17	1251
1124844	23/08/2016	165802	9	N	712.5		24.8	-10.1	-3.4	19	54	3.56			-10.1	-3.4		395703.51	6908508.41	1254
1124844	23/08/2016	165858	9	N	725		24.8	-14	-5.7	17	56	3.64			-14	-5.7		395708.88	6908518.07	1257
1124844	23/08/2016	165958	9	N	737.5		24.8	-13.7	-5.3	-6	58	3.59			-13.7	-5.3		395715.9	6908527.93	1260
1124844	23/08/2016	170038	9	N	750		24.8	-16.9	-7	-9	59	3.73			-16.9	-7		395722.3	6908536.62	1262
1124844	23/08/2016	170130	9	N	762.5		24.8	-23.7	-12.3	16	60	3.83			-23.7	-12.3		395730.89	6908548.39	1262
1124844	23/08/2016	170234	9	N	775		24.8	-22.7	-12.1	-19	65	4.19			-22.7	-12.1		395739.28	6908557.27	1261
1124844	23/08/2016	170318	9	N	787.5		24.8	-16.2	-4.2	7	73	4.55			-16.2	-4.2		395746.71	6908565.08	1258
1124844	23/08/2016	170358	9	N	800		24.8	-5.8	2.3	11	69	4.3			-5.8	2.3		395754.06	6908576.06	1260
1124844	23/08/2016	170502	9	N	812.5		24.8	1.5	8.7	-2	67	4.15			1.5	8.7		395758.44	6908588.32	1262
1124844	23/08/2016	170546	9	N	825		24.8	-1	5	-8	67	4.19			-1	5		395768.36	6908597.56	1263
1124844	23/08/2016	170810	9	N	837.5		24.8	-3	3.7	1	66	4.11			-3	3.7		395773.81	6908608.39	1266
1124844	23/08/2016	170854	9	N	850		24.8	-3.7	5	33	60	4.24			-3.7	5		395777.63	6908617.86	1268
1124844	23/08/2016	170942	9	N	862.5		24.8	-1.6	3	0	67	4.16			-1.6	3		395782.73	6908629.05	1270
1124844	23/08/2016	171030	9	N	875		24.8	4.7	10.8	-2	65	4.06			4.7	10.8		395791.04	6908638.12	1270
1124844	23/08/2016	171154	9	N	887.5		24.8	6.5	13.1	-4	63	3.91			6.5	13.1		395796.03	6908645.86	1269
1124844	23/08/2016	171234	9	N	900		24.8	3.4	11.2	3	62	3.87			3.4	11.2		395806.2	6908658.57	1270
1124844	23/08/2016	171346	9	N	912.5		24.8	2.5	10.9	-2	63	3.9			2.5	10.9		395813.73	6908666.32	1269
1124844	23/08/2016	171430	9	N	925		24.8	2	11.1	-1	64	3.98	1					395820.09	6908678.52	1269
1124844	23/08/2016	171502	9	N	925		24.8	1	10.4	1	63	3.92			1	10.4	Better signal	395820.53	6908678.43	1269
1124844	23/08/2016	171722	9	N	937.5		24.8	1.4	12.2	0	63	3.91			1.4	12.2		395827.59	6908689.5	1267
1124844	23/08/2016	171758	9	N	950		24.8	-0.7	10.1	-15	61	3.87			-0.7	10.1		395834.66	6908697.65	1264
1124844	23/08/2016	171834	9	N	962.5		24.8	-4	9	5	63	3.89			-4	9		395841.18	6908708.11	1261
1124844	23/08/2016	171938	9	N	975		24.8	-4.7	5.3	-10	63	3.98			-4.7	5.3		395846.04	6908720.14	1258
1124844	23/08/2016	172014	9	N	987.5		24.8	-4.3	5.3	0	68	4.22			-4.3	5.3		395853.26	6908729.39	1255
1124844	23/08/2016	172046	9	N	1000		24.8	-3.4	4.4	-11	66	4.14			-3.4	4.4		395862.69	6908737.88	1255
1124844	23/08/2016	172118	9	N	1012.5		24.8	-2.1	4	-7	69	4.28			-2.1	4		395871.39	6908746.1	1253
1124844	23/08/2016	172150	9	N	1025		24.8	1.4	6	-3	70	4.31			1.4	6		395879.64	6908755.83	1252
1124844	23/08/2016	172226	9	N	1037.5		24.8	3.3	3.8	-10	68	4.28			3.3	3.8		395885.65	6908765.84	1253
1124844	23/08/2016	172302	9	N	1050		24.8	8.1	6.1	-5	69	4.26			8.1	6.1		395892.45	6908776.54	1252
1124844	23/08/2016	172334	9	N	1062.5		24.8	13.5	8.7	5	74	4.56	1					395900.08	6908788.08	1250
1124844	23/08/2016	172402	9	N	1062.5		24.8	13.1	7.9	6	71	4.41	0		13.1	7.9	Better signal	395899.91	6908787.91	1251
1124844	23/08/2016	172634	9	N	1075		24.8	25.6	15.3	-9	68	4.25			25.6	15.3		395906.14	6908797.86	1250
1124844	23/08/2016	172710	9	N	1087.5		24.8	25.3	10.9	-14	66	4.17			25.3	10.9		395913.82	6908808.41	1248
1124844	23/08/2016	172746	9	N	1100		24.8	27.2	8	-12	65	4.09			27.2	8		395921.2	6908819.33	1247
1124844	23/08/2016	172822	9	N	1112.5		24.8	27.1	5.1	-2	65	4.06			27.1	5.1		395928.52	6908830.14	1245
1124844	23/08/2016	172906	9	N	1125		24.8	27.7	0.7	-19	67	4.29			27.7	0.7		395936.22	6908840.62	1243
1124844	23/08/2016	172942	9	N	1137.5		24.8	41.5	9.8	-16	66	4.23			41.5	9.8		395943.15	6908849.87	1243
1124844	23/08/2016	173022	9	N	1150		24.8	45.6	12.2	-6	63	3.92			45.6	12.2		395949.94	6908859.74	1241
1124844	23/08/2016	173058	9	N	1162.5		24.8	48.2	11	-10	61	3.8			48.2	11		395956.85	6908869.46	1239
1124844	23/08/2016	173138	9	N	1175		24.8	49.4	12.2	-2	60	3.72			49.4	12.2		395964.25	6908880.37	1238
1124844	23/08/2016	173218	9	N	1187.5		24.8	50.8	12.9	-5	54	3.34			50.8	12.9		395972.16	6908890.52	1236
1124844	23/08/2016	173258	9	N	1200		24.8	49.8	11.2	-9	53	3.33			49.8	11.2		395979.36	6908900.72	1234
1124844	23/08/2016	173334	9	N	1212.5		24.8	46.8	8.7	-11	51	3.22			46.8	8.7		395987.3	6908910.85	1231
1124844	23/08/2016	173418	9	N	1225		24.8	40.5	3.6	-2	54	3.34			40.5	3.6		395993.19	6908918.56	1229
1124844	23/08/2016	173502	9	N	1237.5		24.8	40.8	5.6	-1	51	3.19			40.8	5.6		396000.23	6908929.2	1225
1124844	23/08/2016	173546	9	N	1250		24.8	36.6	1.4	-8	51	3.18			36.6	1.4		396006.68	6908938.6	1219
1124844	23/08/2016	173630	9	N	1262.5		24.8	33.4	0	-8	51	3.19			33.4	0		396014.03	6908948.46	1215
1124844	23/08/2016	173706	9	N	1275		24.8	35.2	4.6	-4	51	3.19			35.2	4.6		396020.47	6908957.83	1213
1124844	23/08/2016	173750	9	N	1287.5		24.8	32.6	5	-7	51	3.2			32.6	5		396027.73	6908967.66	1208
1124844	23/08/2016	173830	9	N	1300		24.8	31.4	5.3	0	51	3.14			31.4	5.3		396032.69	6908977.92	1205
1124844	23/08/2016	173910	9	N	1312.5		24.8	28.6	2.3	-9	52	3.25			28.6	2.3		396040.33	6908987.44	1203
1124844	23/08/2016	173946	9	N	1325		24.8	27.2	4.1	7	51	3.17			27.2	4.1		396046.83	6908997.72	1200
1124844	23/08/2016	174030	9	N	1337.5		24.8	28.1	2.3	-6	55	3.43			28.1	2.3		396052.49	6909008.45	1197
1124844	23/08/2016	174114	9	N	1350		24.8	31	7.1	-11	54	3.39			31	7.1		396059.57	6909019.22	1194
1124844	23/08/2016	174150	9	N	1362.5		24.8	33.2	9	-13	52	3.35			33.2	9		396066.26	6909027.83	1192
1124844	23/08/2016	174230	9	N	1375		24.8	37.5	13.6	-12	52	3.33			37.5	13.6		396074.73	6909038.07	1188
1124844	23/08/2016	174314	9	N	1387.5		24.8	39.2	13.8	-22	50	3.41			39.2	13.8	Better value	396081.76	6909047.75	1186
1124844	23/08/2016	174338	9	N	1387.5		24.8	39.8	15.7	-15	51	3.33	1					396081.91	6909047.68	1186
1124844	23/08/2016	174522	9	N	1400		24.8	41.4	21.2	3	50	3.11			41.4	21.2		396089.49	6909056.89	1184
1124844	23/08/2016	174606	9	N	1412.5		24.8	36.5	19.6	13	47	3.06			36.5	19.6		396097.75	6909067.23	1181
1124844	23/08/2016	174646	9	N	1425		24.8	35.6	20.4	12	97	3			35.6	20.4		396103.38	6909076.51	1177
1124844	23/08/2016	174726	9	N	1437.5		24.8	31	16	5	97	3	1					396110.38	6909085.97	1175
1124844	23/08/2016	174926	9	N	1437.5		24.8	31.3	17.6	7	96	2.98			31.3	17.6	Better signal	396110.68	6909085.79	1175
1124844	23/08/2016	174950	9	N	1437.5		24.8	32	16.6	0	96	2.97	1					396110.69	6909085.79	1175

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	23/08/2016	175014	9	N	1437.5		24.8	29.5	15.1	3	97	2.99	1					396110.69	6909085.78	1175
8042728	22/08/2016	232746	11	N	0		24.8	-14.1	-6.5	19	65	4.2	2					395478.72	6907843	1109
8042728	22/08/2016	232806	11	N	0		24.8	-14.2	-6.9	20	65	4.23						395478.71	6907841.72	1108
8042728	22/08/2016	232906	11	N	12.5		24.8	-15.3	-6	11	66	4.14						395484.53	6907852.89	1110
8042728	22/08/2016	232946	11	N	25		24.8	-12.8	-3.7	13	67	4.23						395490.66	6907863.06	1114
8042728	22/08/2016	233034	11	N	37.5		24.8	-17.4	-5.8	6	66	4.09						395498.61	6907871.6	1115
8042728	22/08/2016	233126	11	N	50		24.8	-21.4	-7.5	0	66	4.11						395506.62	6907881.7	1121
8042728	22/08/2016	233210	11	N	62.5		24.8	-21.8	-8.3	7	68	4.24						395512.35	6907893.11	1125
8042728	22/08/2016	233306	11	N	75		24.8	-22	-7.8	8	66	4.14						395520.95	6907903.82	1123
8042728	22/08/2016	233350	11	N	87.5		24.8	-23.7	-9	12	66	4.15						395526.14	6907914.21	1127
8042728	22/08/2016	233434	11	N	100		24.8	-21.8	-6.5	13	67	4.26						395532.41	6907922.63	1129
8042728	22/08/2016	233530	11	N	112.5		24.8	-21.6	-6.7	17	69	4.39						395539.64	6907933.31	1132
8042728	22/08/2016	233646	11	N	125		24.8	-12.9	3	-10	70	4.37						395546.92	6907945.59	1133
8042728	22/08/2016	233730	11	N	137.5		24.8	-10.7	6	-6	67	4.15						395553.57	6907956.01	1136
8042728	22/08/2016	233818	11	N	150		24.8	-12.1	3.9	-1	63	3.87						395561.08	6907961.13	1134
8042728	22/08/2016	233942	11	N	162.5		24.8	-16.3	1.2	-8	63	3.96						395567.64	6907972.16	1136
8042728	22/08/2016	234046	11	N	175		24.8	-19	-0.6	10	62	3.88						395578.34	6907983.14	1140
8042728	22/08/2016	234130	11	N	187.5		24.8	-22.6	-2	3	61	3.77						395583.84	6907989.34	1141
8042728	22/08/2016	234238	11	N	200		24.8	-24.8	-3.8	0	62	3.84						395592.55	6907998.22	1144
8042728	22/08/2016	234558	11	N	212.5		24.8	-27.2	-2.8	-4	62	3.86						395603.2	6908011.24	1143
8042728	22/08/2016	234726	11	N	225		24.8	-25.8	0.9	-9	62	3.9						395612.67	6908022.64	1143
8042728	22/08/2016	234810	11	N	237.5		24.8	-27.7	-1	0	61	3.79						395613.69	6908029.71	1145
8042728	22/08/2016	234914	11	N	250		24.8	-32.7	-3.1	0	61	3.76						395620.71	6908038.79	1148
8042728	22/08/2016	234958	11	N	262.5		24.8	-33.8	-4.4	1	59	3.66						395627.34	6908047.64	1149
8042728	22/08/2016	235106	11	N	275		24.8	-38.6	-7.5	7	60	3.77						395634.4	6908058.32	1153
8042728	22/08/2016	235150	11	N	287.5		24.8	-41.3	-9.1	9	61	3.79						395640.86	6908070.32	1154
8042728	22/08/2016	235250	11	N	300		24.8	-44.5	-12.9	11	60	3.81						395646.33	6908080.7	1154
8042728	22/08/2016	235334	11	N	312.5		24.8	-46.6	-14.2	15	63	4.03						395652.29	6908088.98	1157
8042728	22/08/2016	235506	11	N	325	Large Gap between station 325 and station 312.5	24.8	-39.1	-6.8	9	69	4.3						395661.78	6908104.41	1159
8042728	22/08/2016	235538	11	N	337.5		24.8	-35.7	-3.7	9	71	4.42						395667.26	6908111.39	1161
8042728	22/08/2016	235642	11	N	350		24.8	-34.1	-1.4	-15	69	4.39						395673	6908119.4	1159
8042728	22/08/2016	235742	11	N	362.5		24.8	-34.5	-3.1	-5	69	4.3						395680.34	6908132.02	1165
8042728	22/08/2016	235850	11	N	375		24.8	-33.7	-3.2	-15	68	4.29						395686.83	6908140.59	1166
8042728	22/08/2016	235954	11	N	387.5		24.8	-33.3	-3.1	-21	69	4.49						395696.07	6908148.32	1167
8042728	22/08/2016	42	11	N	400		24	-46.4	2.6	-2	73	4.52	9				Source Station should be 24.8Hz unclear if this is true or not, removed due to inconsistency	395707.23	6908158.02	1167
8042728	22/08/2016	126	11	N	412.5		24.8	-19.6	6.6	-14	73	4.59						395713.64	6908164.69	1168
8042728	22/08/2016	230	11	N	425		24.8	-21	4.4	13	67	4.24						395721.11	6908177.13	1172
8042728	22/08/2016	318	11	N	437.5		24.8	-24.9	0.7	12	68	4.25						395725.72	6908187.75	1171
8042728	22/08/2016	410	11	N	450		24.8	-23.8	2.4	0	69	4.28						395731.74	6908197.53	1172
8042728	22/08/2016	458	11	N	462.5		24.8	-24.1	2.2	-7	69	4.29						395739.69	6908209.28	1177
8042728	22/08/2016	550	11	N	475		24.8	-25.2	0.4	-7	69	4.27						395745.87	6908215.59	1175
8042728	22/08/2016	654	11	N	487.5		24.8	-26.3	-1.6	5	70	4.36						395753.53	6908227.39	1178
8042728	22/08/2016	746	11	N	500		24.8	-25.7	-1.9	-3	72	4.47						395760.62	6908236.95	1177
8042728	22/08/2016	830	11	N	512.5		24.8	-24.8	-3.3	-12	73	4.58						395768.89	6908244.87	1179
8042728	22/08/2016	926	11	N	525		24.8	-14.7	0.8	-6	78	4.83						395776.65	6908256.22	1181
8042728	22/08/2016	1010	11	N	537.5		24.8	-6.9	2.9	-7	78	4.81						395784.01	6908265.36	1181
8042728	22/08/2016	1050	11	N	550		24.8	2.1	8	-11	75	4.69						395789.48	6908275.23	1185
8042728	22/08/2016	1146	11	N	562.5		24.8	6	9.3	-15	71	4.5						395797.83	6908288.01	1186
8042728	22/08/2016	1234	11	N	575		24.8	6	8	-10	68	4.23						395806.23	6908296.76	1185
8042728	22/08/2016	1330	11	N	587.5		24.8	3.1	4.9	0	64	3.99						395811.63	6908305.95	1189
8042728	22/08/2016	1430	11	N	600		24.8	1.3	3.6	-2	63	3.93						395816.57	6908317.01	1190
8042728	22/08/2016	1446	11	N	600		24.8	1.8	3.5	0	64	3.95	2					395816.54	6908317.34	1190
8042728	23/08/2016	163222	11	N	612.5		24.8	-3.4	1.9	2	64	3.97						395826.03	6908325.8	1190
8042729	23/08/2016	163538	11	N	625		24.8	-0.5	6.1	-4	65	4.02						395833.63	6908335.03	1191
8042730	23/08/2016	164158	11	N	637.5		24.8	-8.9	2.7	-12	61	3.83						395848.98	6908359.56	1195
8042731	23/08/2016	164242	11	N	650		24.8	-9.3	2.9	-22	57	3.79						395851.52	6908369.07	1197
8042732	23/08/2016	164402	11	N	662.5		24.8	-13.9	2.2	-12	57	3.64						395855.75	6908379.74	1200
8042733	23/08/2016	164450	11	N	675		24.8	-17.5	-0.1	-16	57	3.67						395860.71	6908386.72	1203
8042734	23/08/2016	164554	11	N	687.5		24.8	-19.2	0.1	-6	58	3.62						395863.51	6908391.49	1200
8042735	23/08/2016	164818	11	N	700		24.8	-19.6	3.7	-13	59	3.76						395871.72	6908398.1	1201
8042736	23/08/2016	164906	11	N	712.5		24.8	-23.2	2.7	-10	58	3.65						395877.31	6908409.34	1201
8042737	23/08/2016	164954	11	N	725		24.8	-30.1	0.2	-1	55	3.44	</							

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042742	23/08/2016	165614	11	N	787.5		24.8	-47.9	-6.8	-5	61	3.78			-47.9	-6.8		395918.28	6908464.57	1212
8042743	23/08/2016	165710	11	N	800		24.8	-54.3	-12.4	-3	61	3.8			-54.3	-12.4		395925.34	6908475.31	1213
8042744	23/08/2016	165814	11	N	812.5		24.8	-58.4	-15.4	-10	66	4.12			-58.4	-15.4		395932.14	6908486.8	1215
8042745	23/08/2016	165902	11	N	825		24.8	-55	-11.4	-1	74	4.57			-55	-11.4		395940.3	6908494.72	1213
8042746	23/08/2016	170002	11	N	837.5		24.8	-32.4	3.3	-25	77	5.01			-32.4	3.3		395945.17	6908505.19	1214
8042747	23/08/2016	170102	11	N	850		24.8	-35.7	4.1	4	72	4.44			-35.7	4.1		395953.13	6908515.84	1216
8042748	23/08/2016	170202	11	N	862.5		24.8	-36.6	2.2	0	75	4.62			-36.6	2.2		395960.16	6908523.97	1216
8042749	23/08/2016	170246	11	N	875		24.8	-30.9	5.8	8	75	4.66			-30.9	5.8		395968.16	6908535.14	1217
8042750	23/08/2016	170350	11	N	887.5		24.8	-25.9	8.4	7	77	4.75			-25.9	8.4		395975.68	6908544.79	1218
8042751	23/08/2016	170438	11	N	900		24.8	-25.7	6.9	-2	74	4.55			-25.7	6.9		395981.88	6908553.49	1219
8042752	23/08/2016	170534	11	N	912.5		24.8	-31.1	0	4	75	4.66			-31.1	0		395989.8	6908563.61	1220
8042753	23/08/2016	170634	11	N	925		24.8	-25.9	1.8	9	83	5.15			-25.9	1.8		395996.89	6908572.98	1218
8042754	23/08/2016	170758	11	N	937.5		24.8	-12.2	6.7	-11	88	5.45			-12.2	6.7		396004.57	6908583.43	1220
8042755	23/08/2016	170854	11	N	950		24.8	0.1	12.5	-7	83	5.14			0.1	12.5		396014.48	6908592.41	1220
8042756	23/08/2016	170938	11	N	962.5		24.8	1.7	11.4	-12	76	4.77			1.7	11.4		396019.76	6908603.18	1222
8042757	23/08/2016	171018	11	N	975		24.8	0	8.7	-7	76	4.71			0	8.7		396028.18	6908612.89	1221
8042758	23/08/2016	171126	11	N	987.5		24.8	-4.7	3.6	-9	70	4.37			-4.7	3.6		396037.24	6908625.74	1222
8042759	23/08/2016	171214	11	N	1000		24.8	-9.1	0.1	5	70	4.34			-9.1	0.1		396042.22	6908633.3	1223
8042760	23/08/2016	171254	11	N	1012.5		24.8	-13.5	-4	24	68	4.48			-13.5	-4		396049.73	6908641.61	1223
8042761	23/08/2016	171358	11	N	1025		24.8	-16.2	-8.7	6	71	4.44			-16.2	-8.7		396058.63	6908650.82	1223
8042762	23/08/2016	171450	11	N	1037.5		24.8	-16.1	-9.8	-1	76	4.73			-16.1	-9.8		396067.08	6908660.08	1223
8042763	23/08/2016	171650	11	N	1050		24.8	-16.7	-12.6	-3	78	4.82			-16.7	-12.6		396073.41	6908669.05	1222
8042764	23/08/2016	171802	11	N	1062.5		24.8	-15.4	-15.5	-16	84	5.31			-15.4	-15.5		396078.87	6908682.11	1223
8042765	23/08/2016	171942	11	N	1075		24.8	-1.1	-9.4	-29	89	5.81			-1.1	-9.4		396084.91	6908691.19	1225
8042766	23/08/2016	172046	11	N	1087.5		24.8	18.7	-3.3	-9	84	5.22			18.7	-3.3		396095.72	6908703.67	1226
8042767	23/08/2016	172154	11	N	1100		24.8	22.4	-2.4	17	76	4.82			22.4	-2.4		396099.86	6908713.86	1227
8042768	23/08/2016	172310	11	N	1112.5		24.8	25.1	-6.2	-6	73	4.54			25.1	-6.2		396111.89	6908729.65	1227
8042769	23/08/2016	172354	11	N	1125		24.8	28.1	-4	-7	73	4.55			28.1	-4		396118.18	6908740.75	1227
8042770	23/08/2016	172650	11	N	1137.5		24.8	29.2	-3.2	-3	70	4.32			29.2	-3.2		396120.45	6908748.26	1227
8042771	23/08/2016	172802	11	N	1150		24.8	27.6	-3.1	7	68	4.23			27.6	-3.1		396126	6908756.74	1227
8042772	23/08/2016	172906	11	N	1162.5		24.8	25.4	-4.6	0	67	4.16			25.4	-4.6		396133.88	6908766.81	1227
8042773	23/08/2016	172946	11	N	1175		24.8	23.9	-5.8	-5	65	4.05			23.9	-5.8		396139.08	6908775.13	1228
8042774	23/08/2016	173042	11	N	1187.5		24.8	22.5	-4.8	5	63	3.94			22.5	-4.8		396143.51	6908782.47	1227
8042775	23/08/2016	173142	11	N	1200		24.8	20.5	-4.8	-1	64	3.95			20.5	-4.8		396150.87	6908792.17	1228
8042776	23/08/2016	173238	11	N	1212.5		24.8	20.3	-2.9	-7	64	4.01			20.3	-2.9		396157.25	6908801.93	1228
8042777	23/08/2016	173334	11	N	1225		24.8	19.1	0	-1	63	3.89			19.1	0		396165.95	6908814.52	1228
8042778	23/08/2016	173418	11	N	1237.5		24.8	16.2	-1.3	-10	61	3.81			16.2	-1.3		396172.59	6908824.94	1230
8042779	23/08/2016	173614	11	N	1250		24.8	13.6	0.3	-2	61	3.78			13.6	0.3		396181.39	6908836.42	1229
8042780	23/08/2016	173710	11	N	1262.5		24.8	12	0	-3	60	3.74			12	0		396185.79	6908843.06	1228
8042781	23/08/2016	173802	11	N	1275		24.8	9.5	-1.1	-2	62	3.83			9.5	-1.1		396194.48	6908853.84	1224
8042782	23/08/2016	173914	11	N	1287.5		24.8	8	1.8	-2	62	3.84			8	1.8		396202.78	6908865.27	1220
8042783	23/08/2016	173950	11	N	1300		24.8	8.3	4.1	-3	61	3.81			8.3	4.1		396208.93	6908873.93	1218
8042784	23/08/2016	174034	11	N	1312.5		24.8	6.9	4.4	-5	62	3.88			6.9	4.4		396216.33	6908882.48	1215
8042785	23/08/2016	174126	11	N	1325		24.8	4.9	3.9	-3	61	3.81			4.9	3.9		396223.34	6908892.2	1210
8042786	23/08/2016	174226	11	N	1337.5		24.8	6.5	5.7	-11	65	4.1			6.5	5.7		396231.91	6908900.81	1205
8042787	23/08/2016	174326	11	N	1350		24.8	5.6	5.1	-3	65	4.02			5.6	5.1		396237.46	6908907.88	1201
8042788	23/08/2016	174422	11	N	1362.5		24.8	9.4	8.2	-6	63	3.89			9.4	8.2		396245.17	6908918.55	1197
8042789	23/08/2016	174614	11	N	1375		24.8	7	5.8	-5	62	3.86			7	5.8		396255.11	6908930.33	1193
8042790	23/08/2016	174658	11	N	1387.5		24.8	2.9	1.6	-5	61	3.77			2.9	1.6		396261.99	6908938.13	1191
8042791	23/08/2016	174734	11	N	1400		24.8	5.9	3.7	-12	66	4.19	1					396270.18	6908946.92	1189
8042792	23/08/2016	174754	11	N	1400		24.8	5.7	3.7	-11	63	3.98			5.7	3.7	Most Reasonable	396270.1	6908947.1	1189
8042793	23/08/2016	174810	11	N	1400		24.8	0.9	2.7	-11	64	4.04	1					396270.06	6908947.06	1190
8042794	23/08/2016	174854	11	N	1412.5		24.8	11.7	9.2	-8	65	4.04			11.7	9.2		396276.54	6908956.25	1188
8042795	23/08/2016	174942	11	N	1425		24.8	11.9	9.1	-3	63	3.92			11.9	9.1		396283.28	6908965.77	1186
8042796	23/08/2016	175010	11	N	1437.5		24.8	14.9	10.5	-5	63	3.92			14.9	10.5		396290.18	6908974.65	1183
8042797	23/08/2016	175046	11	N	1450		24.8	18.6	13.2	-2	65	3.99			18.6	13.2		396297.53	6908984.82	1181
8042798	23/08/2016	175122	11	N	1462.5		24.8	18.8	12	-6	63	3.91			18.8	12		396303.81	6908993.78	1178
8042799	23/08/2016	175158	11	N	1475		24.8	23.3	15.5	-12	60	3.79			23.3	15.5		396312.95	6909003.96	1176
8042800	23/08/2016	175254	11	N	1487.5		24.8	22.6	15.1	-12	59	3.71			22.6	15.1		396319.67	6909016.24	1174
8042801	23/08/2016	175358	11	N	1500		24.8	20.7	15.1	-15	55	3.55			20.7	15.1		396325.31	6909025.34	1172
8042802	23/08/2016	175442	11	N	1512.5		24.8	16.2	12.7	-11	56	3.51			16.2	12.7		396332.13	6909035.19	1170
8042803	23/08/2016	175542	11	N	1525		24.8	12	10.4	-7	54	3.38			12	10.4		396338.78	6909045.13	1169
8042804	23/08/2016	175618	11	N	1537.5		24.8	7.5	8	-13	55	3.49			7.5	8		396346.25	6909056.74	1166
8042805	23/08/2016	175702	11	N	1550		24.8	4.5	6	-10	53	3.37			4.5	6		396352.32	6909066.39	1165
8042806	23/08/2016	175738	11	N	1562.5		24.8	-0.9	4.4	-14	54	3.46			-0.9	4.4		396361.47	6909078.68	1162
8042807	23/08/2016	175842	11	N	1575		24.8	-4.2	4.5	-12	55	3.47			-4.2	4.5		396367.56	6909085.2	1160

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042808	23/08/2016	175938	11	N	1587.5		24.8	-3.5	7.4	-3	55	3.42			-3.5	7.4		396374.36	6909095.91	1158
8042809	23/08/2016	180014	11	N	1600		24.8	-5.7	7.5	-15	54	3.46			-5.7	7.5		396380.52	6909105.7	1156
8042810	23/08/2016	180050	11	N	1612.5		24.8	-6.2	9.3	-7	56	3.51			-6.2	9.3		396388.61	6909117.15	1155
8042811	23/08/2016	180130	11	N	1625		24.8	-8.2	9.3	-8	57	3.56			-8.2	9.3		396395.57	6909125.89	1152
8042812	23/08/2016	180202	11	N	1637.5		24.8	-11	9.5	-7	58	3.62			-11	9.5		396402.67	6909136.21	1150
8042813	23/08/2016	180238	11	N	1650		24.8	-9.4	10.8	-7	58	3.61			-9.4	10.8		396409.96	6909146.98	1148
8042814	23/08/2016	180310	11	N	1662.5		24.8	-11	10.3	-9	60	3.78			-11	10.3		396417.53	6909156.21	1147
8042815	23/08/2016	180346	11	N	1675		24.8	-10.5	11	-8	62	3.84			-10.5	11		396425.84	6909166.38	1144
8042816	23/08/2016	180422	11	N	1687.5		24.8	-9.4	11.2	-8	60	3.75			-9.4	11.2		396435.36	6909178.05	1143
8042817	23/08/2016	180454	11	N	1700		24.8	-7.3	11.4	-15	61	3.91			-7.3	11.4		396440.71	6909185.92	1142
8042818	23/08/2016	180526	11	N	1712.5		24.8	-5.8	12.5	-7	62	3.85			-5.8	12.5		396447.09	6909194.19	1140
8042819	23/08/2016	180558	11	N	1725		24.8	-3.4	12.9	-8	62	3.87			-3.4	12.9		396454.47	6909206.54	1138
8042820	23/08/2016	180626	11	N	1737.5		24.8	-2	12.5	-8	65	4.04			-2	12.5		396461.84	6909216.21	1135
8042821	23/08/2016	180702	11	N	1750		24.8	0.1	11.8	-11	64	4.03			0.1	11.8		396470.28	6909227.41	1133
8042822	23/08/2016	180734	11	N	1762.5		24.8	2.7	10.9	-14	63	4.02			2.7	10.9		396477.6	6909236.85	1130
8042823	23/08/2016	180810	11	N	1775		24.8	4.3	11	-4	63	3.91			4.3	11		396484	6909245.25	1128
8042824	23/08/2016	180846	11	N	1787.5		24.8	6.1	9.7	-14	63	4.01			6.1	9.7		396491	6909256.06	1127
8042825	23/08/2016	180910	11	N	1787.5		24.8	7.7	10.3	-16	62	3.98	1					396491.03	6909256.52	1127
8042826	23/08/2016	180942	11	N	1800		24.8	8.8	9.9	-12	63	3.96			8.8	9.9	Best Signal	396497.79	6909266.45	1125
8042827	23/08/2016	181018	11	N	1812.5		24.8	9.7	9.5	-5	61	3.78			9.7	9.5		396505.03	6909275.92	1123
8042828	23/08/2016	181054	11	N	1825		24.8	11.8	9.5	-12	59	3.72			11.8	9.5		396512.41	6909286.22	1120
8042829	23/08/2016	181222	11	N	1837.5		24.8	9.6	8	-15	60	3.82			9.6	8		396518.85	6909294.51	1119
8042830	23/08/2016	181302	11	N	1850		24.8	10	8.4	-9	61	3.79			10	8.4		396528.02	6909305.96	1115
8042831	23/08/2016	181334	11	N	1862.5		24.8	8.2	7	-17	57	3.7			8.2	7		396535.63	6909316.13	1113
8042832	23/08/2016	181406	11	N	1875		24.8	6	7	-11	56	3.57			6	7		396542.69	6909326.01	1108
8042833	23/08/2016	181442	11	N	1887.5		24.8	4.6	6.3	-15	57	3.68			4.6	6.3		396549.82	6909334.12	1108
8042834	23/08/2016	181534	11	N	1900		24.8	4.2	6	-13	59	3.72			4.2	6		396554.91	6909343.26	1108
8042835	23/08/2016	181610	11	N	1912.5		24.8	2.6	1.6	-17	59	3.82	1				Best Signal	396559	6909355.68	1105
8042836	23/08/2016	181626	11	N	1912.5		24.8	3.7	2	-17	60	3.84			3.7	2		396558.99	6909355.58	1105
1124844	23/08/2016	220110	13	N	0		24.8	-12.2	0.3	21	94	2.96			-12.2	0.3	Best Signal	395650.49	6907724.93	1064
1124844	23/08/2016	220146	13	N	0		24.8	-14.5	-0.4	40	88	2.98	1					395650.29	6907724.39	1063
1124844	23/08/2016	220034	13	N	12.5		24.8	-10.8	0.1	10	93	2.9			-10.8	0.1		395655.67	6907734.92	1068
1124844	23/08/2016	215958	13	N	25		24.8	-11.5	2.4	30	86	2.81			-11.5	2.4		395660.61	6907744.74	1070
1124844	23/08/2016	215922	13	N	37.5		24.8	-12.7	2.2	49	79	2.87			-12.7	2.2		395668.47	6907754.44	1074
1124844	23/08/2016	215846	13	N	50		24.8	-11.2	3	44	81	2.86			-11.2	3		395677.21	6907764.28	1074
1124844	23/08/2016	215802	13	N	62.5		24.8	-13.4	1	24	87	2.79			-13.4	1		395685.23	6907777	1078
1124844	23/08/2016	215702	13	N	75		24.8	-13.3	-0.1	28	85	2.76			-13.3	-0.1		395688.33	6907787.96	1077
1124844	23/08/2016	215610	13	N	87.5		24.8	-16.5	-1.5	25	87	2.8			-16.5	-1.5		395695.24	6907796.78	1080
1124844	23/08/2016	215454	13	N	100		24.8	-17.3	-0.5	44	81	2.86			-17.3	-0.5		395703.11	6907804.86	1082
1124844	23/08/2016	215414	13	N	112.5		24.8	-20	-2.9	14	90	2.8			-20	-2.9		395708.4	6907817.1	1087
1124844	23/08/2016	215330	13	N	125		24.8	-15.4	4.2	60	76	2.99			-15.4	4.2		395715.65	6907826.91	1088
1124844	23/08/2016	215250	13	N	137.5		24.8	-18.5	0.7	31	82	2.71			-18.5	0.7		395724.2	6907834.91	1087
1124844	23/08/2016	215134	13	N	150		24.8	-23.2	-3.5	14	84	2.64			-23.2	-3.5		395731.91	6907844.61	1085
1124844	23/08/2016	215054	13	N	162.5		24.8	-29.4	-9.8	29	80	2.62			-29.4	-9.8		395740.79	6907852.36	1085
1124844	23/08/2016	215006	13	N	175		24.8	-26.8	-10.2	2	89	2.75			-26.8	-10.2		395751	6907859.95	1090
1124844	23/08/2016	214934	13	N	187.5		24.8	-30.4	-11.7	-3	88	2.71			-30.4	-11.7		395754.61	6907869.11	1096
1124844	23/08/2016	214858	13	N	200		24.8	-31.2	-12.7	4	90	2.78			-31.2	-12.7		395759.31	6907878.98	1099
1124844	23/08/2016	214822	13	N	212.5		24.8	-31.2	-14.4	-18	93	2.94			-31.2	-14.4		395764.86	6907890.63	1102
1124844	23/08/2016	214746	13	N	225		24.8	-31.2	-12.7	29	94	3.05			-31.2	-12.7		395767.94	6907901.56	1105
1124844	23/08/2016	214658	13	N	237.5		24.8	-30.9	-13.8	2	98	3.02			-30.9	-13.8		395772.55	6907913.11	1109
1124844	23/08/2016	214626	13	N	250		24.8	-24.6	-8.7	6	98	3.05			-24.6	-8.7		395778.36	6907923.24	1112
1124844	23/08/2016	214542	13	N	262.5		24.8	-16.6	1.3	73	88	3.54			-16.6	1.3		395783.21	6907932.94	1113
1124844	23/08/2016	214506	13	N	275		24.8	-12	2.5	84	73	3.44			-12	2.5		395794.6	6907939.82	1114
1124844	23/08/2016	214426	13	N	287.5		24.8	-13.1	2.7	43	93	3.18			-13.1	2.7		395798.09	6907950.66	1117
1124844	23/08/2016	214346	13	N	300		24.8	-11.6	3.7	40	94	3.16			-11.6	3.7		395804.73	6907961.58	1117
1124844	23/08/2016	214302	13	N	312.5		24.8	-16.3	0.1	37	91	3.04			-16.3	0.1		395813.19	6907970.66	1120
1124844	23/08/2016	214230	13	N	325		24.8	-17.5	1.5	61	79	3.09			-17.5	1.5		395821.2	6907977.88	1120
1124844	23/08/2016	214158	13	N	337.5		24.8	-17.3	0.8	23	92	2.94			-17.3	0.8		395828.12	6907989.02	1123
1124844	23/08/2016	214118	13	N	350		24.8	-20.6	1	56	82	3.07			-20.6	1		395835.14	6907997.85	1122
1124844	23/08/2016	214030	13	N	362.5		24.8	-23.3	0	32	94	3.06			-23.3	0		395846.13	6908007.44	1125
1124844	23/08/2016	213950	13	N	375		24.8	-21.5	0.5	12	97	3.02			-21.5	0.5		395849.47	6908018.12	1126
1124844	23/08/2016	213858	13	N	387.5		24.8	-20.4	3.5	24	98	3.1			-20.4	3.5		395855.34	6908029.57	1127
1124844	23/08/2016	213822	13	N	400		24.8	-16.8	6.7	44	90	3.09			-16.8	6.7		395863.17	6908039.21	1128
1124844	23/08/2016	213734	13	N	412.5		24.8	-17.2	10.2	30	91	2.98			-17.2	10.2		395870.43	6908047.19	1128
1124844	23/08/2016	213426	13	N	425		24.8	-21.9	5.7	66	74	3.07			-21.9	5.7		395877	6908058.22	1129
1124844	23/08/2016	213318	13	N	437.5		24.8	-22.7	4.9	8	94	2.91			-22.7	4.9		395886.6	6908067.65	1131

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	23/08/2016	213158	13	N	450		24.8	-27.7	2.9	30	88	2.89			-27.7	2.9		395891.5	6908076.95	1131
1124844	23/08/2016	212818	13	N	462.5		24.8	-30.3	1.8	36	88	2.94			-30.3	1.8		395900.74	6908085.13	1133
1124844	23/08/2016	212742	13	N	475		24.8	-25.2	4.3	14	97	3.02			-25.2	4.3		395909.77	6908096.34	1134
1124844	23/08/2016	212654	13	N	487.5		24.8	-27.2	2.4	14	95	2.98			-27.2	2.4		395915.82	6908107.03	1138
1124844	23/08/2016	212558	13	N	500		24.8	-29.5	0.6	27	94	3.02			-29.5	0.6		395921.42	6908116.47	1137
1124844	23/08/2016	212506	13	N	512.5		24.8	-28.6	-0.4	29	95	3.08			-28.6	-0.4		395930.6	6908125.37	1139
1124844	23/08/2016	212358	13	N	525		24.8	-29	-0.8	76	80	3.42			-29	-0.8		395939.12	6908135.55	1140
1124844	23/08/2016	212326	13	N	537.5		24.8	-30.2	-10.9	43	98	3.32			-30.2	-10.9		395948.28	6908145.47	1142
1124844	23/08/2016	212246	13	N	550		24.8	-22	-11.8	43	98	3.32			-22	-11.8		395954.61	6908156.43	1145
1124844	23/08/2016	212030	13	N	562.5		24.8	-15	-14.3	25	98	3.14			-15	-14.3		395961.46	6908166.74	1148
1124844	23/08/2016	211938	13	N	575		24.8	-8.5	-13.3	49	98	3.39			-8.5	-13.3		395969.15	6908177.92	1151
1124844	23/08/2016	211726	13	N	587.5		24.8	-5	-9.5	25	98	3.13			-5	-9.5		395969.56	6908190.04	1154
1124844	23/08/2016	211602	13	N	600		24.8	-1.8	-10.5	-3	98	3.04			-1.8	-10.5		395977.16	6908198.96	1156
1124844	23/08/2016	211522	13	N	612.5		24.8	-0.4	-8.1	22	98	3.1			-0.4	-8.1		395983.92	6908209.75	1159
1124844	23/08/2016	211442	13	N	625		24.8	-1.3	-7.9	21	98	3.08			-1.3	-7.9		395991.11	6908220.32	1161
1124844	23/08/2016	211402	13	N	637.5		24.8	-1.3	-4.7	27	95	3.05			-1.3	-4.7		395998.33	6908230.86	1162
1124844	23/08/2016	211322	13	N	650		24.8	-0.1	-0.6	23	92	2.92			-0.1	-0.6		396007.41	6908239.72	1164
1124844	23/08/2016	211246	13	N	662.5		24.8	-2.1	-0.4	9	92	2.86			-2.1	-0.4		396012.5	6908251.71	1167
1124844	23/08/2016	211214	13	N	675		24.8	-4.4	1.9	22	91	2.88			-4.4	1.9		396018.34	6908261.01	1170
1124844	23/08/2016	211110	13	N	687.5		24.8	-6.4	4.4	24	86	2.76			-6.4	4.4		396026.43	6908273.39	1171
1124844	23/08/2016	211002	13	N	700		24.8	-8.2	5.8	54	72	2.8			-8.2	5.8		396031.5	6908281.83	1172
1124844	23/08/2016	210722	13	N	712.5		24.8	-13.7	3.6	11	85	2.64			-13.7	3.6		396042.45	6908291.45	1175
1124844	23/08/2016	210642	13	N	725		24.8	-19	3.6	31	81	2.67			-19	3.6		396050.15	6908303.53	1177
1124844	23/08/2016	210606	13	N	737.5		24.8	-23.3	2.9	9	85	2.64			-23.3	2.9		396058.64	6908313.33	1178
1124844	23/08/2016	210522	13	N	750		24.8	-19.1	11.5	24	85	2.72			-19.1	11.5		396064.82	6908323.94	1180
1124844	23/08/2016	210402	13	N	762.5		24.8	-22.5	14.3	26	80	2.61	1					396071.96	6908335.8	1182
1124844	23/08/2016	210422	13	N	762.5		24.8	-24.1	13.9	13	83	2.59			-24.1	13.9	Best Signal	396071.67	6908335.91	1181
1124844	23/08/2016	210318	13	N	775		24.8	-24.3	16.3	2	83	2.56			-24.3	16.3		396081.41	6908343.56	1182
1124844	23/08/2016	210242	13	N	787.5		24.8	-33.1	12.1	4	78	2.41			-33.1	12.1		396088.52	6908354.45	1186
1124844	23/08/2016	210202	13	N	800		24.8	-41.5	9.4	24	75	2.43			-41.5	9.4		396093.73	6908364.7	1186
1124844	23/08/2016	210054	13	N	812.5		24.8	-48.8	6.2	8	77	2.4			-48.8	6.2	Best Signal	396102.92	6908375.54	1187
1124844	23/08/2016	210110	13	N	812.5		24.8	-47.4	6.9	15	77	2.43	1					396102.31	6908375.97	1189
1124844	23/08/2016	210018	13	N	825		24.8	-51.1	5.4	13	82	2.57			-51.1	5.4		396107.21	6908387.79	1187
1124844	23/08/2016	205942	13	N	837.5		24.8	-57.4	2.2	14	79	2.47			-57.4	2.2		396114.23	6908397.44	1188
1124844	23/08/2016	205830	13	N	850		24.8	-64.8	-2.5	13	82	2.58			-64.8	-2.5		396121.39	6908409.53	1190
1124844	23/08/2016	205738	13	N	862.5		24.8	-62	-4.3	39	87	2.95			-62	-4.3		396126.72	6908420.91	1192
1124844	23/08/2016	205630	13	N	875		24.8	-53	-1.3	40	95	3.18			-53	-1.3		396135.2	6908430.19	1192
1124844	23/08/2016	205534	13	N	887.5		24.8	-45.3	1.2	24	98	3.13			-45.3	1.2		396144.45	6908438.42	1192
1124844	23/08/2016	205442	13	N	900		24.8	-26.4	7.3	23	98	3.12			-26.4	7.3		396149.98	6908449.02	1192
1124844	23/08/2016	205402	13	N	912.5		24.8	-19.6	5.7	8	98	3.05			-19.6	5.7		396156.37	6908461.19	1192
1124844	23/08/2016	205322	13	N	925		24.8	-15.6	2.9	29	97	3.14			-15.6	2.9		396163.97	6908471.21	1193
1124844	23/08/2016	205214	13	N	937.5		24.8	-14	0.4	25	98	3.12			-14	0.4		396170.03	6908482.74	1195
1124844	23/08/2016	205130	13	N	950		24.8	-13	-1	43	98	3.3			-13	-1		396176.55	6908493.68	1196
1124844	23/08/2016	205038	13	N	962.5		24.8	-12.5	-5.2	46	95	3.25			-12.5	-5.2		396185.81	6908501.7	1196
1124844	23/08/2016	204954	13	N	975		24.8	-6.2	-5.5	18	98	3.09			-6.2	-5.5		396193.35	6908511	1198
1124844	23/08/2016	204918	13	N	987.5		24.8	-6	-7.1	48	96	3.32			-6	-7.1		396200.2	6908521.04	1199
1124844	23/08/2016	204842	13	N	1000		24.8	-4.5	-10.5	42	98	3.3			-4.5	-10.5		396209.44	6908532.29	1200
1124844	23/08/2016	204750	13	N	1012.5		24.8	-2.1	-9.1	65	94	3.52			-2.1	-9.1	Best Signal	396213.93	6908540.41	1202
1124844	23/08/2016	204810	13	N	1012.5		24.8	-2	-7.3	75	93	3.7	1					396213.81	6908539.91	1202
1124844	23/08/2016	204702	13	N	1025		24.8	7.7	-6.6	40	98	3.28			7.7	-6.6		396219.28	6908549.98	1203
1124844	23/08/2016	204622	13	N	1037.5		24.8	17.2	-4.7	29	98	3.16			17.2	-4.7		396227.73	6908562.56	1205
1124844	23/08/2016	204514	13	N	1050		24.8	18.4	-6.4	23	97	3.07			18.4	-6.4		396235.49	6908571.96	1206
1124844	23/08/2016	204434	13	N	1062.5		24.8	20.1	-5.4	18	95	2.99			20.1	-5.4		396243.89	6908580.12	1207
1124844	23/08/2016	204346	13	N	1075		24.8	20.9	-4.6	5	95	2.93			20.9	-4.6		396249.57	6908590.63	1208
1124844	23/08/2016	204310	13	N	1087.5		24.8	20.3	-2.4	8	85	2.63			20.3	-2.4		396255.73	6908600.93	1209
1124844	23/08/2016	204234	13	N	1100		24.8	12	-7.4	32	79	2.63			12	-7.4		396261.59	6908612.23	1209
1124844	23/08/2016	204046	13	N	1112.5		24.8	8.1	-11.2	36	76	2.6			8.1	-11.2		396269.75	6908622.4	1211
1124844	23/08/2016	204010	13	N	1125		24.8	3.5	-13.7	30	76	2.52			3.5	-13.7		396277.28	6908630.47	1211
1124844	23/08/2016	203938	13	N	1137.5		24.8	0	-13.1	42	74	2.63			0	-13.1		396284.6	6908638.33	1212
1124844	23/08/2016	203850	13	N	1150		24.8	0.8	-11	30	78	2.58			0.8	-11		396294.03	6908649.61	1213
1124844	23/08/2016	203818	13	N	1162.5		24.8	-0.5	-10.1	40	75	2.62			-0.5	-10.1		396298.47	6908659.49	1214
1124844	23/08/2016	203742	13	N	1175		24.8	0.3	-8.9	13	80	2.52			0.3	-8.9		396306.46	6908670.74	1214
1124844	23/08/2016	203706	13	N	1187.5		24.8	-2.5	-10.2	23	79	2.54			-2.5	-10.2		396310.69	6908682.27	1216
1124844	23/08/2016	203110	13	N	1200		24.8	-5.2	-12.7	21	82	2.6			-5.2	-12.7		396316.97	6908689.52	1215
1124844	23/08/2016	203034	13	N	1212.5		24.8	-2.9	-7.4	37	74	2.57			-2.9	-7.4		396320.24	6908700.78	1216
1124844	23/08/2016	202954	13	N	1225		24.8	-3.7	-7.3	50	70	2.66			-3.7	-7.3		396327.7	6908711.76	1217

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	23/08/2016	202854	13	N	1237.5		24.8	-4.4	-5.9	38	75	2.6			-4.4	-5.9		396335.9	6908718.85	1215
1124844	23/08/2016	202702	13	N	1250		24.8	-1	-1.6	37	75	2.58			-1	-1.6		396343.69	6908729.48	1216
1124844	23/08/2016	202610	13	N	1262.5		24.8	-3.4	-2.4	45	71	2.6			-3.4	-2.4		396352.36	6908738.72	1216
1124844	23/08/2016	202522	13	N	1275		24.8	-3.2	-5.4	3	87	2.68			-3.2	-5.4		396362.98	6908747.91	1215
1124844	23/08/2016	202446	13	N	1287.5		24.8	-1.9	-1.2	-11	90	2.8			-1.9	-1.2		396367.31	6908758.87	1216
1124844	23/08/2016	202358	13	N	1300		24.8	-4.3	-3	14	84	2.63			-4.3	-3		396371.83	6908770	1215
1124844	23/08/2016	202310	13	N	1312.5		24.8	3.9	7.7	54	80	3			3.9	7.7		396379.4	6908779.46	1217
1124844	23/08/2016	202234	13	N	1325		24.8	8	11.5	20	88	2.78			8	11.5		396386.76	6908789.95	1218
1124844	23/08/2016	202146	13	N	1337.5		24.8	7.5	12.1	28	84	2.74			7.5	12.1		396393.84	6908798.85	1218
1124844	23/08/2016	201938	13	N	1350		24.8	7.5	15.2	67	59	2.75			7.5	15.2		396402.95	6908809.42	1220
1124844	23/08/2016	201738	13	N	1362.5		24.8	3.8	15.2	68	59	2.78			3.8	15.2		396411.58	6908815.86	1221
1124844	23/08/2016	201634	13	N	1375		24.8	2.7	12.4	22	79	2.53			2.7	12.4		396412.82	6908828.08	1217
1124844	23/08/2016	201306	13	N	1387.5		24.8	1.8	14	26	79	2.58			1.8	14		396418.19	6908837.19	1211
1124844	23/08/2016	201158	13	N	1400		24.8	-1.8	12.6	62	62	2.71			-1.8	12.6		396423.84	6908844.73	1208
1124844	23/08/2016	201030	13	N	1412.5		24.8	-1.5	14.9	51	69	2.66			-1.5	14.9		396433.09	6908854.95	1204
1124844	23/08/2016	200850	13	N	1425		24.8	-4.6	12.2	17	81	2.56			-4.6	12.2		396442.34	6908861.49	1204
1124844	23/08/2016	200750	13	N	1437.5		24.8	-9	10.2	16	82	2.58			-9	10.2		396447.05	6908871.3	1199
1124844	23/08/2016	200626	13	N	1450		24.8	-10.4	3.4	-45	78	2.79			-10.4	3.4		396453.32	6908880.49	1196
1124844	23/08/2016	200530	13	N	1462.5		24.8	-16.7	1.9	6	87	2.71			-16.7	1.9		396459.73	6908890.04	1193
1124844	23/08/2016	200446	13	N	1475		24.8	-17.7	-0.6	21	91	2.9			-17.7	-0.6		396465.52	6908899.78	1191
1124844	23/08/2016	200406	13	N	1487.5		24.8	0.3	11.7	28	97	3.11			0.3	11.7		396472.92	6908909.18	1188
1124844	23/08/2016	200330	13	N	1500		24.8	7.6	19	36	89	2.98			7.6	19		396479.31	6908920.88	1187
1124844	23/08/2016	200238	13	N	1512.5		24.8	11.2	19.5	19	92	2.9			11.2	19.5		396485.75	6908931.48	1186
1124844	23/08/2016	200118	13	N	1525		24.8	11.8	17.5	6	92	2.86			11.8	17.5		396493.69	6908940.29	1183
1124844	23/08/2016	200030	13	N	1537.5		24.8	8.8	16.9	24	89	2.84			8.8	16.9		396499.9	6908951.61	1181
1124844	23/08/2016	195950	13	N	1550		24.8	8.2	17	17	90	2.84			8.2	17		396506.9	6908961.49	1179
1124844	23/08/2016	195906	13	N	1562.5		24.8	6.9	16.9	-9	91	2.82			6.9	16.9		396514.15	6908971.42	1176
1124844	23/08/2016	195826	13	N	1575		24.8	5.4	16.8	-6	89	2.74			5.4	16.8		396521.44	6908980.3	1175
1124844	23/08/2016	195742	13	N	1587.5		24.8	-1.5	13.5	4	88	2.72			-1.5	13.5		396527.47	6908990.53	1174
1124844	23/08/2016	195658	13	N	1600		24.8	-7.5	10.1	7	90	2.8			-7.5	10.1		396535.95	6909000.91	1171
1124844	23/08/2016	195614	13	N	1612.5		24.8	-8.8	6.8	-2	95	2.92			-8.8	6.8		396544.86	6909009.75	1170
1124844	23/08/2016	195534	13	N	1625		24.8	-13	5.4	18	96	3.02			-13	5.4		396549.37	6909020.45	1167
1124844	23/08/2016	195458	13	N	1637.5		24.8	-15.6	2	-12	99	3.07			-15.6	2		396557.64	6909029.62	1165
1124844	23/08/2016	195414	13	N	1650		24.8	-14.5	2.8	3	99	3.04			-14.5	2.8		396563.56	6909041.23	1163
1124844	23/08/2016	195334	13	N	1662.5		24.8	-8.9	6.3	-6	99	3.05			-8.9	6.3		396569.92	6909051.42	1160
1124844	23/08/2016	195238	13	N	1675		24.8	2.4	8.9	-10	99	3.06			2.4	8.9		396576.78	6909061.65	1158
1124844	23/08/2016	195154	13	N	1687.5		24.8	7.6	11.1	28	99	3.17			7.6	11.1		396582.96	6909072.25	1156
1124844	23/08/2016	195110	13	N	1700		24.8	13.2	10.9	-3	99	3.05			13.2	10.9		396589.82	6909083.5	1154
1124844	23/08/2016	195022	13	N	1712.5		24.8	14.3	9.3	3	99	3.05			14.3	9.3		396595.6	6909093.29	1152
1124844	23/08/2016	194942	13	N	1725		24.8	16.3	8.5	19	99	3.1			16.3	8.5		396604.26	6909102.32	1150
1124844	23/08/2016	194902	13	N	1737.5		24.8	15.6	5.5	1	99	3.04			15.6	5.5		396611.7	6909111.91	1148
1124844	23/08/2016	194758	13	N	1750		24.8	20.9	9	21	99	3.12			20.9	9		396619.71	6909120.8	1144
1124844	23/08/2016	194714	13	N	1762.5		24.8	23.1	8.7	13	99	3.07			23.1	8.7		396626.87	6909131.22	1142
1124844	23/08/2016	194634	13	N	1775		24.8	21.6	8.4	13	98	3.06			21.6	8.4		396633.97	6909140.21	1139
1124844	23/08/2016	194546	13	N	1787.5		24.8	21.3	8.9	19	98	3.07			21.3	8.9		396641.49	6909150.54	1137
1124844	23/08/2016	194458	13	N	1800		24.8	23.3	9.6	-7	99	3.05			23.3	9.6		396649.11	6909159.25	1135
1124844	23/08/2016	194410	13	N	1812.5		24.8	18	7.2	-7	98	3.05			18	7.2		396655.11	6909170.69	1133
1124844	23/08/2016	193318	13	N	1825		24.8	25.5	16.1	23	99	1.56	2					396663.52	6909180.07	1133
1124844	23/08/2016	193638	13	N	1825		24.8	30	18.4	8	99	1.53	2					396664.65	6909178.35	1128
1124844	23/08/2016	194042	13	N	1825		24.8	12.9	7.1	0	50	3.11			12.9	7.1	Best Signal	396664.5	6909178.35	1129
1124844	23/08/2016	194258	13	N	1825		24.8	13.6	9.8	8	49	3.11	1					396664.19	6909177.99	1130
1124844	23/08/2016	193038	13	N	1837.5		24.8	30.4	16.6	55	99	1.74	1					396671.11	6909191.79	1130
1124844	23/08/2016	193206	13	N	1837.5		24.8	29.7	15.4	61	99	1.79	9					396670.8	6909191.55	1130
1124844	23/08/2016	192942	13	N	1850		24.8	23.5	20.4	11	99	1.53	9					396676.25	6909202.62	1127
1124844	23/08/2016	192854	13	N	1862.5		24.8	22.1	25.9	-2	99	1.52	9					396683.13	6909213.93	1125
1124844	23/08/2016	192810	13	N	1875		24.8	32	31.9	20	99	1.55	9					396688.64	6909222.1	1121
1124844	23/08/2016	192654	13	N	1887.5		24.8	30.7	38.5	-43	99	1.66	9					396694.16	6909231.69	1117
1124844	23/08/2016	192502	13	N	1900		24.8	17.3	30	39	99	1.63	1					396702.63	6909242.29	1113
8042994	23/08/2016	215554	15	N	0		24.8	-16.5	-5.3	5	114	3.51			-16.5	-5.3		395814.39	6907643.17	1062
8042993	23/08/2016	215458	15	N	12.5		24.8	-10.1	-2.5	-47	109	3.66			-10.1	-2.5		395820.14	6907656.16	1066
8042992	23/08/2016	215418	15	N	25		24.8	-6.8	-3.1	-36	108	3.52			-6.8	-3.1		395825.17	6907666.74	1068
8042991	23/08/2016	215342	15	N	37.5		24.8	-7.1	-4.5	-44	105	3.51			-7.1	-4.5		395832.92	6907675.19	1071
8042990	23/08/2016	215254	15	N	50		24.8	-7.2	-6.3	-43	104	3.49			-7.2	-6.3		395840.18	6907686.2	1074
8042989	23/08/2016	215142	15	N	62.5		24.8	-7.8	-5	-68	99	3.71			-7.8	-5		395843.78	6907697.18	1073
8042988	23/08/2016	215054	15	N	75		24.8	-8.8	-7.7	-49	103	3.52			-8.8	-7.7		395850.89	6907707.37	1077
8042987	23/08/2016	214958	15	N	87.5		24.8	-7.5	-7.5	-33	110	3.56			-7.5	-7.5		395856.17	6907714.44	1085

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042986	23/08/2016	214926	15	N	100		24.8	-6.2	-6.3	-42	105	3.51			-6.2	-6.3		395866.12	6907723.97	1082
8042985	23/08/2016	214854	15	N	112.5		24.8	-4.9	-5.6	-49	103	3.52			-4.9	-5.6		395871.93	6907730.48	1086
8042984	23/08/2016	214826	15	N	125		24.8	-4.2	-5.9	-37	106	3.47			-4.2	-5.9		395876.66	6907738.95	1087
8042983	23/08/2016	214746	15	N	137.5		24.8	-6.1	-6.1	-52	100	3.47			-6.1	-6.1		395883.18	6907750.19	1092
8042982	23/08/2016	214702	15	N	150		24.8	-7.6	-8.1	-40	103	3.41			-7.6	-8.1		395889.5	6907763.61	1095
8042981	23/08/2016	214630	15	N	162.5		24.8	-9.3	-7.3	-59	98	3.53			-9.3	-7.3		395894.74	6907769.6	1099
8042980	23/08/2016	214546	15	N	175		24.8	-12	-10.5	-39	105	3.46			-12	-10.5		395900.46	6907780.8	1105
8042979	23/08/2016	214506	15	N	187.5		24.8	-11.4	-10.1	-34	108	3.5			-11.4	-10.1		395909.52	6907791.49	1102
8042976	23/08/2016	214358	15	N	200		24.8	-11.4	-8.8	-48	105	3.56			-11.4	-8.8	Bad Signal	395914.48	6907799.74	1103
8042977	23/08/2016	214418	15	N	200		24.8	-11.6	-8.6	-52	106	3.65	1					395913.92	6907798.61	1105
8042978	23/08/2016	214434	15	N	200		24.8	-11.3	-9.4	-53	105	3.64	1					395913.83	6907798.78	1104
8042975	23/08/2016	214318	15	N	212.5		24.8	-6.7	-5.6	-34	110	3.56			-6.7	-5.6		395922.95	6907812.65	1107
8042974	23/08/2016	214230	15	N	225		24.8	-3.1	-4	1	109	3.35			-3.1	-4		395929.63	6907824	1108
8042973	23/08/2016	213846	15	N	237.5		24.8	-2.8	-1.7	-25	108	3.43			-2.8	-1.7		395940.45	6907832.53	1113
8042972	23/08/2016	213750	15	N	250		24.8	-3.8	-0.8	-36	102	3.35			-3.8	-0.8		395948.44	6907842.83	1115
8042971	23/08/2016	213714	15	N	262.5		24.8	-5.1	0.3	-43	101	3.39			-5.1	0.3		395956.03	6907854.13	1116
8042970	23/08/2016	213634	15	N	275		24.8	-7.2	-0.3	-45	96	3.28			-7.2	-0.3		395960.33	6907863.21	1117
8042969	23/08/2016	213546	15	N	287.5		24.8	-9.5	-1.7	-24	101	3.2			-9.5	-1.7		395969.25	6907872.54	1118
8042968	23/08/2016	213506	15	N	300		24.8	-9.5	0.2	-24	101	3.21			-9.5	0.2		395975.43	6907879.32	1121
8042967	23/08/2016	213422	15	N	312.5		24.8	-8.8	2.2	-21	99	3.13			-8.8	2.2		395983.64	6907889.84	1123
8042966	23/08/2016	213346	15	N	325		24.8	-13.8	0.5	-34	95	3.13			-13.8	0.5		395990.65	6907898.81	1128
8042965	23/08/2016	213302	15	N	337.5		24.8	-17.5	-1.1	-37	97	3.19			-17.5	-1.1		395997.23	6907908.58	1129
8042964	23/08/2016	213218	15	N	350		24.8	-19.8	-0.5	-36	98	3.22			-19.8	-0.5		396006.49	6907920.93	1136
8042963	23/08/2016	213150	15	N	362.5		24.8	-22.5	-0.6	-32	98	3.2			-22.5	-0.6		396012.56	6907930.27	1137
8042962	23/08/2016	213114	15	N	375		24.8	-24	2	-20	48	3.27			-24	2		396017.15	6907939.25	1138
8042961	23/08/2016	213030	15	N	387.5		24.8	-23.6	5	-20	50	3.34			-23.6	5		396023.64	6907946.58	1142
8042960	23/08/2016	212934	15	N	400		24.8	-26.6	5.2	-14	50	3.21			-26.6	5.2		396030.71	6907959.53	1143
8042959	23/08/2016	212842	15	N	412.5	Beginns to travel off line to the east	24.8	-29	4.8	0	50	3.09			-29	4.8		396038.65	6907971.61	1145
8042958	23/08/2016	212802	15	N	425		24.8	-29.6	7.3	-6	52	3.22			-29.6	7.3		396047.58	6907978.45	1145
8042957	23/08/2016	212722	15	N	437.5		24.8	-34.6	4.6	2	51	3.16			-34.6	4.6		396059.36	6907985.31	1149
8042956	23/08/2016	212650	15	N	450		24.8	-37.9	2.6	3	51	3.14			-37.9	2.6		396067.41	6907991.05	1149
8042954	23/08/2016	212602	15	N	462.5		24.8	-40.8	0.1	-14	51	3.31			-40.8	0.1	Best Signal	396077.45	6907997.56	1154
8042955	23/08/2016	212618	15	N	462.5		24.8	-40	1.1	-19	52	3.43	1					396077.49	6907997.57	1153
8042953	23/08/2016	212518	15	N	475		24.8	-43.7	-2.8	-14	55	3.52			-43.7	-2.8		396086.28	6908008.71	1156
8042952	23/08/2016	212434	15	N	487.5		24.8	-44.2	-4.1	-16	59	3.8			-44.2	-4.1		396091.2	6908018.69	1158
8042951	23/08/2016	212358	15	N	500		24.8	-41.2	-3.2	-18	63	4.04			-41.2	-3.2		396097.28	6908027.11	1159
8042950	23/08/2016	212322	15	N	512.5		24.8	-34.7	-2.6	-20	68	4.38			-34.7	-2.6		396105.71	6908036.96	1163
8042949	23/08/2016	212242	15	N	525		24.8	-27.3	-3.4	-7	74	4.59			-27.3	-3.4		396109.14	6908045.16	1162
8042948	23/08/2016	212158	15	N	537.5		24.8	-1.9	3.3	-7	76	4.75			-1.9	3.3		396117.29	6908057.1	1165
8042947	23/08/2016	212114	15	N	550		24.8	11.1	10.3	-65	54	5.24			11.1	10.3		396120.31	6908066.54	1163
8042946	23/08/2016	212002	15	N	562.5		24.8	19.4	9.4	-126	87	4.73			19.4	9.4		396119.7	6908082.5	1164
8042945	23/08/2016	211846	15	N	575	Back on line after traveling off line	24.8	28.1	8.7	-40	120	3.89			28.1	8.7		396119.11	6908091.91	1165
8042944	23/08/2016	211750	15	N	587.5		24.8	28.9	7.9	-24	108	3.4			28.9	7.9		396130.32	6908105.11	1168
8042943	23/08/2016	211718	15	N	600		24.8	25.9	4.8	-22	104	3.27			25.9	4.8		396135.62	6908113.18	1168
8042942	23/08/2016	211638	15	N	612.5		24.8	19.7	1.9	-28	98	3.14			19.7	1.9		396143.32	6908124.53	1168
8042941	23/08/2016	211610	15	N	625		24.8	16	1.4	-49	94	3.27			16	1.4		396148.92	6908130.73	1168
8042940	23/08/2016	211510	15	N	637.5		24.8	15.5	0.1	-33	87	2.88			15.5	0.1		396155.8	6908146.86	1172
8042939	23/08/2016	211438	15	N	650		24.8	5.3	-2.9	-27	94	3.03			5.3	-2.9		396161.19	6908155.5	1172
8042938	23/08/2016	211338	15	N	662.5		24.8	0	-4.1	-39	91	3.06			0	-4.1		396168.33	6908164.91	1173
8042937	23/08/2016	211306	15	N	675		24.8	-4.3	-3.8	-42	92	3.12			-4.3	-3.8		396173.71	6908174.79	1172
8042936	23/08/2016	211222	15	N	687.5		24.8	-6.2	-3	-38	89	3			-6.2	-3		396182.46	6908186.76	1173
8042935	23/08/2016	211134	15	N	700		24.8	-16.6	2.6	-33	89	2.94			-16.6	2.6		396188.97	6908196.92	1174
8042933	23/08/2016	211030	15	N	712.5		24.8	-15.3	4.3	-25	94	2.99	1					396193.61	6908203.06	1175
8042934	23/08/2016	211046	15	N	712.5		24.8	-15.6	4.9	-38	91	3.05			-15.6	4.9	Doupplicate	396193.18	6908203.16	1175
8042932	23/08/2016	210742	15	N	725		24.8	-19.5	2.3	-24	94	3			-19.5	2.3		396203.95	6908216.31	1176
8042931	23/08/2016	210654	15	N	737.5		24.8	-26.3	-0.3	-33	90	2.98			-26.3	-0.3		396212.97	6908227.1	1178
8042930	23/08/2016	210618	15	N	750		24.8	-31.3	-3.6	-14	94	2.92			-31.3	-3.6		396219.37	6908237.66	1179
8042929	23/08/2016	210526	15	N	762.5		24.8	-33.4	-2.7	-43	93	3.16			-33.4	-2.7		396225.31	6908245.75	1178
8042928	23/08/2016	210446	15	N	775		24.8	-39.8	-3.2	-17	48	3.18			-39.8	-3.2		396231.64	6908256.27	1177
8042927	23/08/2016	210406	15	N	787.5		24.8	-43.3	-4.4	-17	50	3.26			-43.3	-4.4		396240.9	6908267.65	1178
8042926	23/08/2016	210326	15	N	800		24.8	-44.3	-4.2	-16	52	3.4			-44.3	-4.2		396246.19	6908275.83	1178
8042925	23/08/2016	210238	15	N	812.5		24.8	-32.1	3	-22	58	3.85			-32.1	3		396254.37	6908285.14	1178
8042924	23/08/2016	210158	15	N	825		24.8	-23.3	8.5	-21	57	3.77			-23.3	8.5		396260.95	6908293.51	1179
8042923	23/08/2016	210114	15	N	837.5		24.8	-23.4	9.3	-22	54	3.63			-23.4	9.3		396269.16	6908307.53	1177
8042922	23/08/2016	210038	15	N	850		24.8	-25	8.5	-25	52	3.61			-25	8.5		396276.77	6908314.35	1178
8042921	23/08/2016	205930	15	N	862.5		24.8	-27.3	8	-21	52	3.49			-27.3	8		396284.14	6908327.51	1179

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042920	23/08/2016	205830	15	N	875		24.8	-27.8	7.6	-19	54	3.55			-27.8	7.6		396289.88	6908337.4	1180
8042919	23/08/2016	205750	15	N	887.5		24.8	-27.8	6.7	-14	53	3.39			-27.8	6.7		396297.04	6908349.08	1182
8042918	23/08/2016	205714	15	N	900		24.8	-24.3	6.1	-18	56	3.66			-24.3	6.1		396303.08	6908357.57	1183
8042917	23/08/2016	205622	15	N	912.5		24.8	-22.1	3.8	-17	59	3.79			-22.1	3.8		396311.39	6908365.37	1184
8042916	23/08/2016	205534	15	N	925		24.8	-19.1	2.6	-21	59	3.87			-19.1	2.6		396317.36	6908371.46	1185
8042915	23/08/2016	205458	15	N	937.5		24.8	-14	1.1	-8	62	3.89			-14	1.1		396322.51	6908381.2	1186
8042914	23/08/2016	205422	15	N	950		24.8	-4	-0.5	-11	60	3.79			-4	-0.5		396331.83	6908394.85	1187
8042913	23/08/2016	205338	15	N	962.5		24.8	4.2	-2.6	-8	61	3.83			4.2	-2.6		396339.72	6908406.8	1189
8042912	23/08/2016	205250	15	N	975		24.8	13.4	-4	-16	124	3.84			13.4	-4		396346.18	6908417.51	1192
8042911	23/08/2016	204834	15	N	987.5		24.8	28	-4.4	-14	116	3.6			28	-4.4		396357.83	6908434.33	1192
8042910	23/08/2016	204802	15	N	1000		24.8	28.9	-6.2	-22	111	3.5			28.9	-6.2		396365.49	6908445.15	1194
8042909	23/08/2016	204710	15	N	1012.5		24.8	28.8	-6.9	-13	104	3.22			28.8	-6.9		396375.22	6908458.76	1196
8042908	23/08/2016	204634	15	N	1025		24.8	28.6	-6.4	-9	101	3.13			28.6	-6.4		396379.37	6908464.57	1197
8042907	23/08/2016	204458	15	N	1037.5		24.8	26.9	-7.2	-5	98	3.03			26.9	-7.2		396385.16	6908472.41	1196
8042906	23/08/2016	204406	15	N	1050		24.8	22.1	-8.5	-14	99	3.07			22.1	-8.5		396390.49	6908482.46	1197
8042905	23/08/2016	204314	15	N	1062.5		24.8	19.6	-7.6	-17	95	2.97			19.6	-7.6		396399.65	6908494.24	1199
8042904	23/08/2016	204234	15	N	1075		24.8	16.4	-8.9	-20	91	2.89			16.4	-8.9		396407.1	6908505.95	1200
8042902	23/08/2016	204042	15	N	1087.5		24.8	13.6	-9.4	-21	92	2.91			13.6	-9.4	Best Signal	396411.66	6908513.28	1201
8042903	23/08/2016	204058	15	N	1087.5		24.8	13.6	-9	-26	91	2.93	1					396411.51	6908511.65	1202
8042901	23/08/2016	203950	15	N	1100		24.8	11.2	-9.9	-19	94	2.97			11.2	-9.9		396419.2	6908524.35	1201
8042900	23/08/2016	203902	15	N	1112.5		24.8	10.8	-7	-26	94	3.03			10.8	-7		396426.09	6908534.24	1202
8042899	23/08/2016	203822	15	N	1125		24.8	10.7	-6	-23	95	3.02			10.7	-6		396434.09	6908547.21	1205
8042898	23/08/2016	203746	15	N	1137.5		24.8	11.7	-4.2	-28	91	2.93			11.7	-4.2		396440.23	6908554.22	1205
8042897	23/08/2016	203638	15	N	1150		24.8	10.3	-4.4	-22	93	2.96			10.3	-4.4		396447.62	6908565.71	1205
8042896	23/08/2016	203554	15	N	1162.5		24.8	8.2	-3.6	-37	90	3			8.2	-3.6		396455.68	6908576.04	1207
8042895	23/08/2016	203514	15	N	1175		24.8	8	-4.2	-27	92	2.95			8	-4.2		396462.06	6908584.41	1208
8042894	23/08/2016	203402	15	N	1187.5		24.8	8.3	-3.7	-14	95	2.98			8.3	-3.7		396466.77	6908592.98	1208
8042893	23/08/2016	203322	15	N	1200		24.8	7.1	-3.6	-19	93	2.94			7.1	-3.6		396473.96	6908603.79	1207
8042892	23/08/2016	203238	15	N	1212.5		24.8	5.3	-3.7	-18	91	2.88			5.3	-3.7		396481.6	6908615.04	1208
8042891	23/08/2016	203202	15	N	1225		24.8	4.9	-3.9	-22	92	2.91			4.9	-3.9		396487.98	6908624.34	1210
8042890	23/08/2016	203102	15	N	1237.5		24.8	5.1	-2.8	-23	91	2.89			5.1	-2.8		396496.85	6908634.65	1211
8042889	23/08/2016	203026	15	N	1250		24.8	4.4	-2.7	-30	90	2.94			4.4	-2.7		396500.53	6908643.51	1210
8042888	23/08/2016	202554	15	N	1262.5		24.8	4.8	-2.6	-12	94	2.93			4.8	-2.6		396510.18	6908655.14	1208
8042887	23/08/2016	202506	15	N	1275		24.8	5.5	-1.1	-12	98	3.05			5.5	-1.1		396515.79	6908664.39	1210
8042886	23/08/2016	202410	15	N	1287.5		24.8	9.8	3.1	-17	98	3.06			9.8	3.1		396522.97	6908674.78	1210
8042885	23/08/2016	202322	15	N	1300		24.8	8.8	1.4	-1	98	3.02			8.8	1.4		396530.44	6908686.57	1211
8042884	23/08/2016	202234	15	N	1312.5		24.8	11.6	4.7	-13	100	3.11			11.6	4.7		396535.91	6908695.41	1211
8042883	23/08/2016	202150	15	N	1325		24.8	13.5	8.3	-27	100	3.19			13.5	8.3		396540.86	6908703.45	1211
8042882	23/08/2016	202058	15	N	1337.5		24.8	15.7	11.6	-25	96	3.07			15.7	11.6		396547.35	6908712.81	1211
8042881	23/08/2016	201958	15	N	1350		24.8	16.1	13.1	-18	94	2.96			16.1	13.1		396552.45	6908719.55	1211
8042880	23/08/2016	201814	15	N	1362.5		24.8	12.5	14.3	-25	89	2.86			12.5	14.3		396561.68	6908731.79	1210
8042879	23/08/2016	201710	15	N	1375		24.8	8.6	12.4	-14	92	2.87			8.6	12.4		396570.64	6908746.07	1209
8042878	23/08/2016	201554	15	N	1387.5		24.8	5.3	10.7	1	90	2.79			5.3	10.7		396579.2	6908756.12	1207
8042877	23/08/2016	201458	15	N	1400		24.8	3.8	11.7	-9	93	2.89			3.8	11.7		396587.34	6908764.79	1206
8042876	23/08/2016	201406	15	N	1412.5		24.8	1.1	11.4	-28	90	2.92			1.1	11.4		396591.88	6908773.52	1206
8042875	23/08/2016	201258	15	N	1425		24.8	-1	10	-4	93	2.89			-1	10		396597.01	6908781.92	1205
8042874	23/08/2016	201150	15	N	1437.5		24.8	2.1	19.6	-20	92	2.91			2.1	19.6		396605.59	6908796.33	1203
8042873	23/08/2016	201026	15	N	1450		24.8	1.2	18.9	-28	88	2.85			1.2	18.9		396613.36	6908806.78	1201
8042872	23/08/2016	200930	15	N	1462.5		24.8	-4.9	15.8	-22	92	2.93			-4.9	15.8		396617.51	6908813.47	1201
8042871	23/08/2016	200806	15	N	1475		24.8	-7.4	13.9	-9	95	2.96			-7.4	13.9		396623.52	6908822.84	1199
8042870	23/08/2016	200718	15	N	1487.5		24.8	-7.7	15.6	-24	99	3.16			-7.7	15.6		396630.29	6908833.36	1197
8042869	23/08/2016	200526	15	N	1500		24.8	-14.3	13.2	-15	48	3.12			-14.3	13.2		396640.08	6908848.36	1196
8042868	23/08/2016	200414	15	N	1512.5		24.8	-19	7.8	-16	52	3.34			-19	7.8		396648.34	6908859.14	1194
8042867	23/08/2016	200322	15	N	1525		24.8	-17.5	6.4	-12	56	3.58			-17.5	6.4		396653.37	6908867.03	1192
8042866	23/08/2016	200210	15	N	1537.5		24.8	-5.8	13.3	-13	57	3.6			-5.8	13.3		396660.59	6908877.77	1192
8042865	23/08/2016	200050	15	N	1550		24.8	-4.5	8.5	-2	59	3.67			-4.5	8.5		396668.35	6908888.73	1190
8042864	23/08/2016	195926	15	N	1562.5		24.8	0.7	5.8	-17	65	4.18			0.7	5.8		396675.83	6908901.21	1187
8042863	23/08/2016	195822	15	N	1575		24.8	21.5	14.9	-14	67	4.26			21.5	14.9		396681.13	6908909.67	1186
8042862	23/08/2016	195726	15	N	1587.5		24.8	29.9	16.9	-10	61	3.85			29.9	16.9		396687.91	6908918.85	1183
8042861	23/08/2016	195614	15	N	1600		24.8	32.7	16.3	-9	60	3.79			32.7	16.3		396694.86	6908928.56	1182
8042860	23/08/2016	195450	15	N	1612.5		24.8	30.2	9.2	3	59	3.63			30.2	9.2		396703.43	6908938.77	1179
8042859	23/08/2016	195338	15	N	1625		24.8	28	6.2	0	58	3.61			28	6.2		396711.47	6908948.27	1177
8042858	23/08/2016	195242	15	N	1637.5		24.8	25.3	2.2	-12	60	3.79			25.3	2.2		396718.91	6908959.04	1176
8042857	23/08/2016	195158	15	N	1650		24.8	33.2	6.3	-1	63	3.89			33.2	6.3		396725.4	6908969.13	1174
8042856	23/08/2016	195058	15	N	1662.5		24.8	38.2	12.3	-8	58	3.61			38.2	12.3		396732.19	6908979.65	1174
8042855	23/08/2016	194954	15	N	1675		24.8	34.9	9.4	-11	56	3.55			34.9	9.4		396739.32	6908989.26	117

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042854	23/08/2016	194850	15	N	1687.5		24.8	29.3	8.6	-33	51	3.79			29.3	8.6		396746.08	6908999.14	1167
8042853	23/08/2016	194758	15	N	1700		24.8	29	8.1	-19	54	3.57			29	8.1		396750.3	6909007.22	1165
8042852	23/08/2016	194654	15	N	1712.5		24.8	28.3	10.5	-25	53	3.67			28.3	10.5		396757.56	6909016.72	1164
8042851	23/08/2016	194546	15	N	1725		24.8	27.2	11.7	-27	51	3.6			27.2	11.7		396763.67	6909027.01	1162
8042850	23/08/2016	194458	15	N	1737.5		24.8	24.8	9.7	-12	53	3.36			24.8	9.7		396768.8	6909035.59	1161
8042849	23/08/2016	194330	15	N	1750		24.8	21.9	8.9	-17	53	3.45			21.9	8.9		396777.77	6909049.63	1161
8042848	23/08/2016	194234	15	N	1762.5		24.8	20	8.6	-15	52	3.34			20	8.6		396786.44	6909061.37	1156
8042847	23/08/2016	194130	15	N	1775		24.8	17.6	7.1	-5	56	3.46			17.6	7.1		396792.32	6909068.15	1156
8042846	23/08/2016	193914	15	N	1787.5		24.8	19.3	9.2	-6	54	3.39			19.3	9.2		396800.65	6909078.79	1154
8042845	23/08/2016	193830	15	N	1800		24.8	17	8.5	-8	53	3.32			17	8.5		396805.33	6909087.54	1151
8042844	23/08/2016	193614	15	N	1812.5		24.8	17.2	9.7	-5	53	3.29			17.2	9.7		396811.92	6909098.91	1152
8042843	23/08/2016	193350	15	N	1825		24.8	14	11.4	-21	51	3.42			14	11.4		396820.07	6909109.91	1151
8042841	23/08/2016	193214	15	N	1837.5		24.8	10.1	10	-22	51	3.47			10.1	10	Best Signal	396826.23	6909119.45	1149
8042842	23/08/2016	193230	15	N	1837.5		24.8	10.8	11.3	-22	50	3.37	1					396826.18	6909119.46	1148
8042840	23/08/2016	193034	15	N	1850		24.8	9.1	10.5	-10	52	3.31			9.1	10.5		396832.97	6909129.25	1148
8042839	23/08/2016	192934	15	N	1862.5		24.8	7	11.2	-9	52	3.26			7	11.2		396840.55	6909138.88	1146
8042837	23/08/2016	192742	15	N	1875		24.8	4.4	11.5	-20	53	3.52			4.4	11.5	Bad Signal	396847.85	6909150.06	1144
8042838	23/08/2016	192758	15	N	1875		24.8	4.1	11.8	-21	50	3.36	1					396847.84	6909150.41	1144
1124844	28/08/2016	191838	17	N	0		24.8	-36.5	-5.8	26	98	3.12			-36.5	-5.8		395978.11	6907529.37	1067
1124844	28/08/2016	191858	17	N	0		24.8	-36.2	-5.9	31	98	3.16	1					395978.25	6907529.05	1066
1124844	28/08/2016	191754	17	N	12.5		24.8	-34.7	-6.3	24	98	3.11			-34.7	-6.3		395983.83	6907540.72	1069
1124844	28/08/2016	191714	17	N	25		24.8	-33	-7.7	28	98	3.13			-33	-7.7		395990.96	6907551.04	1070
1124844	28/08/2016	191642	17	N	37.5		24.8	-33.7	-9.5	1	98	3.01			-33.7	-9.5		395996.93	6907562.04	1073
1124844	28/08/2016	191610	17	N	50		24.8	-37.6	-12.2	0	98	3.01			-37.6	-12.2		396005.74	6907571.3	1076
1124844	28/08/2016	191530	17	N	62.5		24.8	-31.1	-11.9	-7	98	3.02			-31.1	-11.9		396013.97	6907578.82	1078
1124844	28/08/2016	191446	17	N	75		24.8	-27.3	-13	37	98	3.22			-27.3	-13		396017.67	6907590.88	1081
1124844	28/08/2016	191414	17	N	87.5		24.8	-23.9	-13.1	-1	98	3.01			-23.9	-13.1		396025.76	6907600.94	1083
1124844	28/08/2016	191346	17	N	100		24.8	-26	-15.2	4	98	3.01			-26	-15.2		396031.69	6907610.06	1084
1124844	28/08/2016	191222	17	N	112.5		24.8	-20.2	-14.2	-15	98	3.05			-20.2	-14.2		396040.89	6907621.21	1091
1124844	28/08/2016	191046	17	N	125		24.8	-21.8	-15.9	-6	98	3.02			-21.8	-15.9		396049.96	6907624.64	1091
1124844	28/08/2016	190954	17	N	137.5		24.8	-17.2	-14	2	98	3.01			-17.2	-14		396056.39	6907635.86	1095
1124844	28/08/2016	190906	17	N	150		24.8	-13	-13.1	12	98	3.03			-13	-13.1		396062.59	6907644.44	1097
1124844	28/08/2016	190826	17	N	162.5		24.8	-12.7	-12	-10	98	3.03			-12.7	-12		396068.63	6907654.82	1099
1124844	28/08/2016	190746	17	N	175		24.8	-5.8	-8.4	1	98	3.01			-5.8	-8.4		396076.34	6907665.63	1102
1124844	28/08/2016	190714	17	N	187.5		24.8	-4.3	-6.2	-2	98	3.01			-4.3	-6.2		396084.25	6907675.37	1105
1124844	28/08/2016	190630	17	N	200		24.8	-4.6	-5.6	19	98	3.07			-4.6	-5.6		396089.31	6907688.19	1108
1124844	28/08/2016	190542	17	N	212.5		24.8	-3.5	-3.7	6	98	3.02			-3.5	-3.7		396098.79	6907696.94	1110
1124844	28/08/2016	190506	17	N	225		24.8	-7.8	-4.8	18	98	3.06			-7.8	-4.8		396104.97	6907705.79	1111
1124844	28/08/2016	190434	17	N	237.5		24.8	-9.9	-4.4	19	97	3.07			-9.9	-4.4		396110.06	6907717.23	1114
1124844	28/08/2016	190354	17	N	250		24.8	-13	-5.5	10	97	3.02			-13	-5.5		396114.1	6907730.96	1118
1124844	28/08/2016	190322	17	N	262.5		24.8	-17.2	-7.5	9	97	3.01			-17.2	-7.5		396122.96	6907738.29	1120
1124844	28/08/2016	190250	17	N	275		24.8	-21.7	-9.3	0	97	3			-21.7	-9.3		396132.35	6907747.37	1123
1124844	28/08/2016	190222	17	N	287.5		24.8	-24	-10.1	6	97	3			-24	-10.1		396141.55	6907754.43	1123
1124844	28/08/2016	190138	17	N	300		24.8	-23.4	-6.5	0	97	3			-23.4	-6.5		396150.25	6907760.71	1126
1124844	28/08/2016	190102	17	N	312.5		24.8	-29.9	-10.2	19	96	3.02			-29.9	-10.2		396156.23	6907770.92	1128
1124844	28/08/2016	185922	17	N	325		24.8	-33.3	-12.5	18	97	3.05			-33.3	-12.5		396161.51	6907783.87	1131
1124844	28/08/2016	185842	17	N	337.5		24.8	-34.5	-11.4	14	97	3.04			-34.5	-11.4		396167.85	6907792.32	1132
1124844	28/08/2016	185806	17	N	350		24.8	-41	-13.6	-2	97	3.01			-41	-13.6		396176.54	6907801.39	1137
1124844	28/08/2016	185734	17	N	362.5		24.8	-32.6	-5.4	22	97	3.08			-32.6	-5.4		396181.63	6907810	1143
1124844	28/08/2016	185634	17	N	375		24.8	-27.9	2.2	19	97	3.06			-27.9	2.2		396189.73	6907819.98	1141
1124844	28/08/2016	185534	17	N	387.5		24.8	-31.1	1.5	-6	95	2.94			-31.1	1.5		396193.1	6907832.12	1148
1124844	28/08/2016	185450	17	N	400		24.8	-36.1	-3.1	10	96	2.99			-36.1	-3.1		396197.55	6907844.68	1153
1124844	28/08/2016	185406	17	N	412.5		24.8	-35.2	-1.8	28	97	3.12			-35.2	-1.8		396204.7	6907850.69	1156
1124844	28/08/2016	185330	17	N	425		24.8	-43.4	-5	12	95	2.94			-43.4	-5		396211.74	6907861.4	1160
1124844	28/08/2016	185254	17	N	437.5		24.8	-45	-5.9	30	97	3.12			-45	-5.9		396220.81	6907869.88	1166
1124844	28/08/2016	185210	17	N	450		24.8	-42.8	-5	49	96	3.32			-42.8	-5		396226.01	6907878.6	1167
1124844	28/08/2016	185134	17	N	462.5		24.8	-54.1	-5.8	8	49	3.1			-54.1	-5.8		396232.63	6907889.8	1173
1124844	28/08/2016	185046	17	N	475		24.8	-61.7	-9.6	2	50	3.09			-61.7	-9.6		396240.7	6907899.5	1175
1124844	28/08/2016	185010	17	N	487.5		24.8	-60.8	-10.5	8	53	3.31			-60.8	-10.5		396248.85	6907909.1	1180
1124844	28/08/2016	184922	17	N	500		24.8	-68.5	-13	12	53	3.34			-68.5	-13		396254.33	6907916.49	1183
1124844	28/08/2016	184754	17	N	512.5		24.8	-60.3	-2.5	-1	57	3.54			-60.3	-2.5		396260.21	6907927.69	1186
1124844	28/08/2016	184710	17	N	525		24.8	-62.5	-7.4	10	58	3.68			-62.5	-7.4		396267.47	6907937.7	1190
1124844	28/08/2016	184530	17	N	537.5		24.8	-64.9	-12.3	-9	64	3.97			-64.9	-12.3		396273.58	6907949.04	1192
1124844	28/08/2016	184502	17	N	550		24.8	-37.2	-4.4	-11	79	4.94			-37.2	-4.4		396281.47	6907960.03	1195
1124844	28/08/2016	184414	17	N	562.5		24.8	-20.1	1	9	79	4.93			-20.1	1		396289.04	6907966.35	1199
1124844	28/08/2016	184054	17	N	575		24.8	-1.5	7.2	16	71	4.49			-1.5	7.2		396297.58	6907978.89	1200

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	28/08/2016	184018	17	N	587.5		24.8	-0.4	5.8	0	65	4.01			-0.4	5.8		396303.67	6907989.38	1201
1124844	28/08/2016	183942	17	N	600		24.8	-4.8	1.6	3	59	3.69			-4.8	1.6		396306.6	6908002.17	1203
1124844	28/08/2016	183910	17	N	612.5		24.8	-11	-2.4	-2	58	3.61			-11	-2.4		396315.38	6908011.09	1204
1124844	28/08/2016	183838	17	N	625		24.8	-12.1	-1.1	-13	57	3.63			-12.1	-1.1		396322.92	6908022.4	1205
1124844	28/08/2016	183810	17	N	637.5		24.8	-17.5	-5.6	-18	55	3.61			-17.5	-5.6		396331.55	6908030.16	1205
1124844	28/08/2016	183738	17	N	650		24.8	-19.4	-4.8	-3	60	3.7			-19.4	-4.8		396339.12	6908040.69	1206
1124844	28/08/2016	183506	17	N	662.5		24.8	-25.3	-10.1	18	58	3.75			-25.3	-10.1		396347.47	6908047.25	1205
1124844	28/08/2016	183410	17	N	675		24.8	-34.7	-15.8	0	59	3.66			-34.7	-15.8		396352.93	6908061.16	1205
1124844	28/08/2016	183338	17	N	687.5		24.8	-34.7	-16	4	66	4.12			-34.7	-16		396361.77	6908072.25	1205
1124844	28/08/2016	183254	17	N	700		24.8	-29.7	-10.8	10	72	4.49			-29.7	-10.8		396370.6	6908079.47	1205
1124844	28/08/2016	183214	17	N	712.5		24.8	-7.1	4.8	14	74	4.65			-7.1	4.8		396376.48	6908091.16	1204
1124844	28/08/2016	183118	17	N	725		24.8	-6.7	4	17	66	4.22			-6.7	4		396383.42	6908103.7	1204
1124844	28/08/2016	183018	17	N	737.5		24.8	-5.2	5	3	65	4.04			-5.2	5		396389.5	6908114.52	1203
1124844	28/08/2016	182946	17	N	750		24.8	-4.9	7	0	62	3.84			-4.9	7		396397.28	6908124.72	1203
1124844	28/08/2016	182822	17	N	762.5		24.8	-0.3	8.6	4	61	3.77			-0.3	8.6		396405.53	6908134.83	1203
1124844	28/08/2016	182746	17	N	775		24.8	-13.2	0.5	6	59	3.68			-13.2	0.5		396412.76	6908144.62	1202
1124844	28/08/2016	182542	17	N	787.5		24.8	-16.1	0.6	1	59	3.67			-16.1	0.6		396419.61	6908156.96	1202
1124844	28/08/2016	182502	17	N	800		24.8	-13.2	4.5	11	59	3.72			-13.2	4.5		396426.13	6908167.63	1202
1124844	28/08/2016	182430	17	N	812.5		24.8	-14.3	6.3	7	58	3.62			-14.3	6.3		396434.55	6908178.75	1202
1124844	28/08/2016	182358	17	N	825		24.8	-14.5	8.2	6	59	3.68			-14.5	8.2		396441.43	6908189.22	1202
1124844	28/08/2016	182318	17	N	837.5		24.8	-19.6	6.8	-1	57	3.51			-19.6	6.8		396449.94	6908200.26	1202
1124844	28/08/2016	182238	17	N	850		24.8	-22.2	6.3	1	58	3.59			-22.2	6.3		396457.22	6908211.37	1202
1124844	28/08/2016	182202	17	N	862.5		24.8	-25.1	5.3	9	57	3.59			-25.1	5.3		396464.67	6908221.22	1202
1124844	28/08/2016	182014	17	N	875		24.8	-32.8	3	-5	56	3.51			-32.8	3		396472.59	6908231.11	1202
1124844	28/08/2016	181930	17	N	887.5		24.8	-35.6	1.6	4	57	3.55			-35.6	1.6		396482.19	6908239.41	1202
1124844	28/08/2016	181854	17	N	900		24.8	-37.4	0	4	60	3.71			-37.4	0		396489.34	6908248.1	1202
1124844	28/08/2016	181822	17	N	912.5		24.8	-35.3	2.4	-4	64	3.99			-35.3	2.4		396496.91	6908260.19	1201
1124844	28/08/2016	181742	17	N	925		24.8	-36.9	-0.5	-4	66	4.11			-36.9	-0.5		396502.79	6908268.44	1200
1124844	28/08/2016	181706	17	N	937.5		24.8	-25.6	2.5	-2	74	4.56			-25.6	2.5		396512.01	6908281.13	1200
1124844	28/08/2016	181618	17	N	950		24.8	-10.5	7.8	17	72	4.59			-10.5	7.8		396518.35	6908291.32	1200
1124844	28/08/2016	181542	17	N	962.5		24.8	-11.5	2.5	-11	71	4.44			-11.5	2.5		396523.97	6908302.52	1200
1124844	28/08/2016	181454	17	N	975		24.8	-3.5	3.1	-8	73	4.56			-3.5	3.1		396532.26	6908313.21	1199
1124844	28/08/2016	181322	17	N	987.5		24.8	0.1	1.8	6	68	4.25			0.1	1.8		396538.56	6908322.16	1199
1124844	28/08/2016	181250	17	N	1000		24.8	0.7	-0.7	6	67	4.18			0.7	-0.7		396545.53	6908332.26	1199
1124844	28/08/2016	181218	17	N	1012.5		24.8	1.1	-1.8	9	68	4.22			1.1	-1.8		396553.9	6908343.46	1199
1124844	28/08/2016	181146	17	N	1025		24.8	-1.6	-6.3	0	66	4.07			-1.6	-6.3		396560.36	6908353.44	1199
1124844	28/08/2016	181106	17	N	1037.5		24.8	3.7	-3.3	-2	67	4.14			3.7	-3.3		396568.43	6908364.59	1199
1124844	28/08/2016	181034	17	N	1050		24.8	8.1	-0.6	-5	63	3.93			8.1	-0.6		396575.26	6908373.6	1199
1124844	28/08/2016	181002	17	N	1062.5		24.8	8.8	-2.5	-3	62	3.86			8.8	-2.5		396581.93	6908384.32	1199
1124844	28/08/2016	180906	17	N	1075		24.8	10.3	-1.3	-4	62	3.82			10.3	-1.3		396590.92	6908395.23	1200
1124844	28/08/2016	180814	17	N	1087.5		24.8	6.3	-3.8	1	59	3.68			6.3	-3.8		396599.29	6908404.57	1201
1124844	28/08/2016	180602	17	N	1100		24.8	8.2	-1	-1	59	3.68			8.2	-1		396607.68	6908413.83	1199
1124844	28/08/2016	180526	17	N	1112.5		24.8	4.7	-2.8	-5	59	3.65			4.7	-2.8		396615.09	6908424.25	1200
1124844	28/08/2016	180458	17	N	1125		24.8	4.2	-2.2	0	60	3.69			4.2	-2.2		396620.91	6908432.74	1201
1124844	28/08/2016	180426	17	N	1137.5		24.8	2	-3.4	2	60	3.7			2	-3.4		396628.46	6908444.21	1203
1124844	28/08/2016	180358	17	N	1150		24.8	2.3	-0.9	-6	60	3.72			2.3	-0.9		396635.33	6908454.98	1203
1124844	28/08/2016	180318	17	N	1162.5		24.8	6.2	3.1	0	60	3.73			6.2	3.1		396642.98	6908466.83	1204
1124844	28/08/2016	180246	17	N	1175		24.8	4.4	3.4	0	58	3.6			4.4	3.4		396650.99	6908475.93	1205
1124844	28/08/2016	180218	17	N	1187.5		24.8	3.4	3.5	2	56	3.49			3.4	3.5		396657.43	6908485.67	1206
1124844	28/08/2016	180134	17	N	1200		24.8	3.7	5.4	-1	57	3.52			3.7	5.4		396664.93	6908494.78	1206
1124844	28/08/2016	180058	17	N	1212.5		24.8	4.2	8.3	0	57	3.52			4.2	8.3		396672.69	6908506.29	1206
1124844	28/08/2016	180022	17	N	1225		24.8	-0.8	4.9	0	56	3.45			-0.8	4.9		396676.85	6908518.49	1208
1124844	28/08/2016	175930	17	N	1237.5		24.8	-3.4	3.2	1	56	3.44			-3.4	3.2		396683.58	6908528.91	1208
1124844	28/08/2016	175838	17	N	1250		24.8	-1.2	8.2	-1	55	3.42			-1.2	8.2		396690.59	6908539.84	1210
1124844	21/08/2016	233202	17	N	1262.5		24.8	-3.5	2.3	-25	99	3.15	1					396697.89	6908548.74	1207
1124844	28/08/2016	175758	17	N	1262.5		24.8	-4.8	7.4	0	54	3.33			-4.8	7.4		396697.71	6908548.53	1210
1124844	21/08/2016	233050	17	N	1275		24.8	-7.7	2.2	4	99	3.06	1					396704.33	6908559.37	1208
1124844	28/08/2016	175714	17	N	1275		24.8	-7.6	6.8	-6	54	3.37			-7.6	6.8		396704.77	6908557.96	1209
1124844	21/08/2016	233002	17	N	1287.5		24.8	-8.5	4.9	10	99	3.07	1					396712.95	6908569.62	1208
1124844	28/08/2016	175610	17	N	1287.5		24.8	-9.7	7.9	5	53	3.31			-9.7	7.9		396711.8	6908568.03	1209
1124844	28/08/2016	175626	17	N	1287.5		24.8	-10.5	6.9	10	52	3.29	1					396711.67	6908568.12	1209
1124844	21/08/2016	232922	17	N	1300		24.8	-12.3	4.1	17	99	3.1			-12.3	4.1		396718.92	6908578.92	1208
1124844	21/08/2016	232838	17	N	1312.5		24.8	-11.4	6.1	15	99	3.09			-11.4	6.1		396725.81	6908590.05	1208
1124844	21/08/2016	232802	17	N	1325		24.8	-19.9	3.4	-6	99	3.05			-19.9	3.4		396732.78	6908599.38	1208
1124844	21/08/2016	232710	17	N	1337.5		24.8	-20.6	2.4	-30	98	3.18			-20.6	2.4		396741.22	6908611.08	1208
1124844	21/08/2016	232630	17	N	1350		24.8	-24.7	3.4	0	99	3.05			-24.7	3.4		396745.11	6908620.46	1209

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	232542	17	N	1362.5		24.8	-24.9	4.6	-2	99	3.05			-24.9	4.6		396755.37	6908631.67	1208
1124844	21/08/2016	232418	17	N	1375		24.8	-30.5	6.1	24	99	3.14			-30.5	6.1		396762.68	6908641.82	1208
1124844	21/08/2016	232330	17	N	1387.5		24.8	-36.8	4.1	9	99	3.06			-36.8	4.1		396770.48	6908650.91	1207
1124844	21/08/2016	232246	17	N	1400		24.8	-33.4	6.3	10	99	3.07			-33.4	6.3		396777.64	6908661.16	1206
1124844	21/08/2016	232202	17	N	1412.5		24.8	-38.4	7.2	-1	99	3.05			-38.4	7.2		396786.15	6908671.57	1206
1124844	21/08/2016	232102	17	N	1425		24.8	-35.6	7.5	13	99	3.08			-35.6	7.5		396792.33	6908681.79	1207
1124844	21/08/2016	231646	17	N	1437.5		24.8	-38.2	0.2	-15	99	3.08			-38.2	0.2		396801.76	6908691.27	1208
1124844	21/08/2016	230854	17	N	1450		24.8	-44.9	-8.6	-6	99	3.05			-44.9	-8.6		396808.03	6908703.52	1206
1124844	21/08/2016	230814	17	N	1462.5		24.8	-36.5	-12.5	-13	99	3.07			-36.5	-12.5		396814.8	6908714.78	1205
1124844	21/08/2016	230738	17	N	1475		24.8	-2.1	3	-20	99	3.11			-2.1	3		396821.44	6908724.91	1206
1124844	21/08/2016	230654	17	N	1487.5		24.8	20.7	4.8	-4	99	3.05			20.7	4.8		396829.19	6908735.32	1206
1124844	21/08/2016	230550	17	N	1500		24.8	41.1	15.4	-9	99	3.06			41.1	15.4		396835.94	6908744.12	1205
1124844	21/08/2016	230442	17	N	1512.5		24.8	38.6	10.6	-80	98	3.89	9					396843.76	6908753.55	1204
1124844	21/08/2016	230358	17	N	1525		24.8	31.6	6.7	-3	99	3.05			31.6	6.7		396846.73	6908764.48	1203
1124844	21/08/2016	230222	17	N	1537.5		24.8	28.9	5.4	29	97	3.13			28.9	5.4		396854.12	6908775.34	1203
1124844	21/08/2016	230142	17	N	1550		24.8	17.3	-4.9	9	99	3.06			17.3	-4.9		396863.87	6908782.64	1203
1124844	21/08/2016	230054	17	N	1562.5		24.8	9.4	-8.9	2	99	3.04			9.4	-8.9		396871.05	6908792.23	1202
1124844	21/08/2016	230018	17	N	1575		24.8	7.2	-9.3	10	99	3.06			7.2	-9.3		396878.45	6908801.38	1202
1124844	21/08/2016	225922	17	N	1587.5		24.8	3	-10.3	-6	98	3.04			3	-10.3		396885.76	6908811.68	1201
1124844	21/08/2016	225826	17	N	1600		24.8	-0.3	-9.3	28	97	3.11			-0.3	-9.3		396891.92	6908822.77	1201
1124844	21/08/2016	225750	17	N	1612.5		24.8	-4.6	-12.1	34	99	3.22			-4.6	-12.1		396900.4	6908832.04	1201
1124844	21/08/2016	225646	17	N	1625		24.8	-7.5	-12.2	1	99	3.05			-7.5	-12.2		396908.85	6908840.05	1200
1124844	21/08/2016	225606	17	N	1637.5		24.8	-4.1	-9.9	-41	98	3.3			-4.1	-9.9		396914.18	6908852.08	1199
1124844	21/08/2016	225526	17	N	1650		24.8	4.6	-4.9	-41	98	3.3			4.6	-4.9		396920.62	6908863.61	1198
1124844	21/08/2016	225442	17	N	1662.5		24.8	-2.9	-9.9	17	99	3.09			-2.9	-9.9		396925.83	6908873.33	1197
1124844	21/08/2016	225402	17	N	1675		24.8	1.6	-6.8	14	99	3.07			1.6	-6.8		396933.78	6908882.37	1197
1124844	21/08/2016	225318	17	N	1687.5		24.8	3.7	-5	6	99	3.05			3.7	-5		396942.11	6908890.59	1196
1124844	21/08/2016	225234	17	N	1700		24.8	13.4	1.7	4	99	3.05			13.4	1.7		396948.65	6908901.91	1196
1124844	21/08/2016	225154	17	N	1712.5		24.8	5.8	-2.3	14	99	3.07			5.8	-2.3		396956.95	6908910.36	1195
1124844	21/08/2016	225118	17	N	1725		24.8	6.7	-0.9	-9	99	3.06			6.7	-0.9		396964.55	6908920.69	1194
1124844	21/08/2016	225026	17	N	1737.5		24.8	11.6	4.2	2	99	3.04			11.6	4.2		396972.35	6908930.77	1193
1124844	21/08/2016	224950	17	N	1750		24.8	8.8	3.7	-14	99	3.07			8.8	3.7		396979.13	6908940.3	1192
1124844	21/08/2016	224902	17	N	1762.5		24.8	6.4	4.9	4	98	3.04			6.4	4.9		396985.36	6908950.67	1191
1124844	21/08/2016	224818	17	N	1775		24.8	2.6	5.1	6	98	3.04			2.6	5.1		396993.56	6908961.31	1190
1124844	21/08/2016	224714	17	N	1787.5		24.8	3.3	7.7	34	96	3.14			3.3	7.7		397001.22	6908971.96	1188
1124844	21/08/2016	224626	17	N	1800		24.8	-4.1	2.9	25	95	3.02			-4.1	2.9		397007.67	6908983.4	1186
1124844	21/08/2016	224538	17	N	1812.5		24.8	-3.3	2.3	1	98	3.03			-3.3	2.3		397016.12	6908990.44	1186
1124844	21/08/2016	224422	17	N	1825		24.8	-6.5	0.3	-20	98	3.08			-6.5	0.3		397021.6	6909000.82	1185
1124844	21/08/2016	224146	17	N	1837.5		24.8	-8.1	3.3	-1	99	3.04			-8.1	3.3		397028.39	6909010.72	1183
8042728	28/08/2016	192002	19	N	0		24.8	-38	4.7	-1	61	3.76	2					396128.68	6907405.3	1068
8042728	28/08/2016	192018	19	N	0		24.8	-38.9	4.3	-5	60	3.7	1					396128.63	6907405.66	1069
8042728	28/08/2016	192038	19	N	0		24.8	-38.4	4.6	-4	61	3.77			-38.4	4.6		396128.4	6907405.97	1069
8042728	28/08/2016	191918	19	N	12.5		24.8	-36	5.6	3	63	3.91			-36	5.6		396139.21	6907414.83	1073
8042728	28/08/2016	191846	19	N	25		24.8	-33.7	4.8	12	64	4.06			-33.7	4.8		396146.16	6907423.42	1072
8042728	28/08/2016	191754	19	N	37.5		24.8	-33.2	3.6	14	65	4.14	1					396153.74	6907433.81	1076
8042728	28/08/2016	191814	19	N	37.5		24.8	-30.8	4.3	21	64	4.16			-30.8	4.3		396152.7	6907433.93	1076
8042728	28/08/2016	191722	19	N	50		24.8	-30.3	2.4	31	62	4.33			-30.3	2.4		396159.39	6907443.17	1074
8042728	28/08/2016	191622	19	N	62.5		24.8	-29.1	0	25	66	4.36			-29.1	0		396164.49	6907457.04	1079
8042728	28/08/2016	191638	19	N	62.5		24.8	-29.3	-0.1	19	66	4.28	1					396164.57	6907455.13	1074
8042728	28/08/2016	191554	19	N	75		24.8	-25.9	-2.2	8	68	4.26			-25.9	-2.2		396170.15	6907466.53	1075
8042728	28/08/2016	191522	19	N	87.5		24.8	-21.6	-3.6	-7	71	4.39			-21.6	-3.6		396178.19	6907473.5	1081
8042728	28/08/2016	191454	19	N	100		24.8	-18.5	-5.5	-3	71	4.4			-18.5	-5.5		396186.16	6907483.87	1083
8042728	28/08/2016	191426	19	N	112.5		24.8	-16	-6.3	3	70	4.32			-16	-6.3		396194.49	6907491.4	1089
8042728	28/08/2016	191346	19	N	125		24.8	-13.2	-6.7	19	70	4.48			-13.2	-6.7		396202.52	6907500.29	1092
8042728	28/08/2016	191310	19	N	137.5		24.8	-9.8	-7.2	14	70	4.44			-9.8	-7.2		396209.12	6907510.75	1089
8042728	28/08/2016	191222	19	N	150		24.8	-5.8	-7	24	69	4.55			-5.8	-7		396214.95	6907521.3	1096
8042728	28/08/2016	191102	19	N	162.5		24.8	-5.3	-7.9	14	70	4.39			-5.3	-7.9		396221.92	6907532.19	1097
8042728	28/08/2016	191030	19	N	175		24.8	-3.7	-9	11	69	4.32			-3.7	-9		396228.27	6907540.42	1097
8042728	28/08/2016	190926	19	N	187.5		24.8	-1.8	-9.2	5	68	4.24	1					396233.63	6907554.12	1103
8042728	28/08/2016	190954	19	N	187.5		24.8	-2.4	-8.9	15	69	4.36			-2.4	-8.9		396234.61	6907552.5	1102
8042728	28/08/2016	190830	19	N	200		24.8	-2.5	-11.6	-14	66	4.16	1					396242.94	6907562.04	1105
8042728	28/08/2016	190854	19	N	200		24.8	-2.6	-11.2	-6	69	4.26			-2.6	-11.2		396243.28	6907561.51	1104
8042728	28/08/2016	190750	19	N	212.5		24.8	-1.2	-11.8	-30	64	4.36			-1.2	-11.8		396252.35	6907568.91	1107
8042728	28/08/2016	190650	19	N	225		24.8	1.2	-7.5	25	65	4.32			1.2	-7.5		396260.51	6907576.53	1110
8042728	28/08/2016	190610	19	N	237.5		24.8	5.7	-7.4	4	67	4.15			5.7	-7.4		396268.28	6907582.88	1108
8042728	28/08/2016	190530	19	N	250	Location close to next station, GPS issue?	24.8	4.6	-4	35	58	4.18			4.6	-4		396277.79	6907600.14	1120

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	28/08/2016	190454	19	N	262.5		24.8	4.8	-2.5	32	59	4.19			4.8	-2.5		396281.45	6907607.12	1118
8042728	28/08/2016	190310	19	N	275		24.8	4	-3	18	60	3.89	1					396287.14	6907615.51	1117
8042728	28/08/2016	190330	19	N	275		24.8	4.6	-3.6	17	60	3.85	2					396286.34	6907612.2	1113
8042728	28/08/2016	190414	19	N	275		24.8	3.4	-3.3	22	61	4.02			3.4	-3.3		396287.32	6907613.55	1119
8042728	28/08/2016	190222	19	N	287.5		24.8	1.8	-2.6	25	58	3.92			1.8	-2.6		396295.15	6907628.75	1123
8042728	28/08/2016	190138	19	N	300		24.8	-3	-1.8	42	51	4.12			-3	-1.8		396301.7	6907640.39	1128
8042728	28/08/2016	190058	19	N	312.5		24.8	-2.3	-3.5	25	123	3.88			-2.3	-3.5		396308.35	6907646.67	1125
8042728	28/08/2016	185958	19	N	325		24.8	-3.7	-1.5	39	121	3.94			-3.7	-1.5		396316.76	6907655.44	1127
8042728	28/08/2016	185906	19	N	337.5		24.8	-4.9	0.7	88	98	4.08			-4.9	0.7		396321.58	6907663.53	1130
8042728	28/08/2016	185834	19	N	350		24.8	-7.1	-0.1	38	119	3.86			-7.1	-0.1		396327.86	6907677.96	1136
8042728	28/08/2016	185546	19	N	362.5	Taken to avoid cluster of trees	24.8	-12.3	1.2	39	114	3.71			-12.3	1.2		396343.73	6907687.78	1143
8042728	28/08/2016	185758	19	N	362.5		24.8	-9.7	0.3	28	115	3.66	1					396335.08	6907692.45	1142
8042728	28/08/2016	185622	19	N	375		24.8	-12.5	-1.1	-25	114	3.62			-12.5	-1.1		396341.31	6907701.35	1143
8042728	28/08/2016	185658	19	N	375		24.8	-13.3	-2.4	-29	114	3.64	1					396341.92	6907696.36	1139
8042728	28/08/2016	185506	19	N	387.5		24.8	-14.2	0.9	53	111	3.81			-14.2	0.9		396353.37	6907699.74	1143
8042728	28/08/2016	185430	19	N	400		24.8	-17	0.6	67	104	3.83			-17	0.6		396359.54	6907714	1148
8042728	28/08/2016	185358	19	N	412.5		24.8	-24.1	-1.9	43	46	3.9			-24.1	-1.9		396361.04	6907729.05	1149
8042728	28/08/2016	185326	19	N	425		24.8	-29.3	-5.7	15	57	3.64			-29.3	-5.7		396364.56	6907737.29	1157
8042728	28/08/2016	185238	19	N	437.5	Above Historic Adit & Tailings	24.8	-27.2	0.4	29	54	3.82			-27.2	0.4		396371.64	6907746.09	1156
8042728	28/08/2016	185118	19	N	450	Above Historic Adit & Tailings	24.8	-27.3	0.7	24	58	3.87			-27.3	0.7		396377.38	6907753.39	1158
8042728	28/08/2016	185042	19	N	462.5	Above Historic Adit & Tailings	24.8	-31.7	-1.9	12	57	3.59			-31.7	-1.9		396383.32	6907764.48	1162
8042728	28/08/2016	184926	19	N	475	Above Historic Adit & Tailings	24.8	-30.2	-0.1	17	59	3.79			-30.2	-0.1		396389.73	6907774.14	1169
8042728	28/08/2016	184730	19	N	487.5	Above Historic Adit & Tailings	24.8	-31.8	0.8	16	59	3.8	1					396394.84	6907783.26	1178
8042728	28/08/2016	184754	19	N	487.5	Above Historic Adit & Tailings	24.8	-32	0.4	11	59	3.7			-32	0.4		396395.49	6907783.5	1177
8042728	28/08/2016	184502	19	N	500	Above Historic Adit & Tailings	24.8	-35.1	4.6	11	57	3.61			-35.1	4.6		396404.07	6907790.36	1180
8042728	28/08/2016	184418	19	N	512.5		24.8	-44.7	-1.3	23	54	3.67	1					396411.25	6907802.9	1181
8042728	28/08/2016	184434	19	N	512.5		24.8	-44.4	-0.3	23	56	3.75			-44.4	-0.3		396411.3	6907803.02	1181
8042728	28/08/2016	184138	19	N	525		24.8	-49.8	-7.5	10	58	3.65			-49.8	-7.5		396418.18	6907810.13	1186
8042728	28/08/2016	184054	19	N	537.5		24.8	-53.8	-8.9	15	62	3.98			-53.8	-8.9		396427.66	6907819.8	1192
8042728	28/08/2016	184002	19	N	550		24.8	-51.9	-7.6	16	65	4.16			-51.9	-7.6		396434.04	6907828.09	1198
8042728	28/08/2016	183922	19	N	562.5		24.8	-48.5	-3.7	12	73	4.56			-48.5	-3.7		396439.69	6907837.66	1199
8042728	28/08/2016	183850	19	N	575	Above Historic Trench	24.8	-48.2	-5.4	16	72	4.55			-48.2	-5.4		396446.13	6907848.31	1203
8042728	28/08/2016	183758	19	N	587.5	Above Historic Trench	24.8	-45.1	-7.1	21	75	4.83			-45.1	-7.1		396452.85	6907856.95	1209
8042728	28/08/2016	183702	19	N	600	Above Historic Trench	24.8	-40.8	-6.6	15	81	5.1			-40.8	-6.6		396458.22	6907866.22	1210
8042728	28/08/2016	183542	19	N	612.5	Above Historic Trench	24.8	-33.5	-4.2	5	85	5.27			-33.5	-4.2		396466.07	6907877.63	1211
8042728	28/08/2016	183502	19	N	625	Above Historic Trench	24.8	-26.1	-5.5	0	81	5.03			-26.1	-5.5		396473.7	6907889.03	1215
8042728	28/08/2016	183430	19	N	637.5		24.8	-22.5	-5.2	3	84	5.2			-22.5	-5.2		396480.33	6907897.62	1216
8042728	28/08/2016	183350	19	N	650		24.8	-22.4	-8.3	9	86	5.32			-22.4	-8.3		396487.74	6907906.19	1217
8042728	28/08/2016	183254	19	N	662.5		24.8	-10.7	-4.4	1	97	5.97			-10.7	-4.4		396495.87	6907916.05	1220
8042728	28/08/2016	183222	19	N	675		24.8	7.3	3.8	4	94	5.84			7.3	3.8		396501.96	6907925.26	1220
8042728	28/08/2016	183142	19	N	687.5		24.8	27.4	14.5	10	82	5.12			27.4	14.5		396510.27	6907937.48	1221
8042728	28/08/2016	183110	19	N	700		24.8	29	14.5	5	76	4.71			29	14.5		396516.62	6907946.81	1221
8042728	28/08/2016	183030	19	N	712.5		24.8	24	8.6	4	70	4.35			24	8.6		396523.89	6907958.18	1225
8042728	28/08/2016	182950	19	N	725		24.8	18.4	3.1	-5	68	4.24			18.4	3.1		396531.62	6907967.78	1227
8042728	28/08/2016	182858	19	N	737.5		24.8	16.6	3.4	1	67	4.17			16.6	3.4		396539.25	6907976.83	1230
8042728	28/08/2016	182822	19	N	750		24.8	13.9	2.7	3	67	4.13			13.9	2.7		396546.02	6907986.38	1231
8042728	28/08/2016	182742	19	N	762.5		24.8	10	1.2	1	68	4.21			10	1.2		396552.79	6907997.24	1230
8042728	28/08/2016	182534	19	N	775		24.8	10	4.4	10	65	4.09			10	4.4		396561.02	6908008.13	1230
8042728	28/08/2016	182422	19	N	787.5		24.8	8.1	3.6	8	66	4.12			8.1	3.6		396565.16	6908014.73	1229
8042728	28/08/2016	182326	19	N	800		24.8	4.2	1.1	9	65	4.07			4.2	1.1		396574.66	6908027.34	1226
8042728	28/08/2016	182242	19	N	812.5		24.8	4.1	3.1	6	65	4.06			4.1	3.1		396582.13	6908036.48	1225
8042728	28/08/2016	182146	19	N	825		24.8	4	6.8	3	64	3.98			4	6.8		396590.01	6908047.56	1225
8042728	28/08/2016	182202	19	N	825		24.8	3.3	7	6	63	3.93			3.3	7		396590.29	6908047.54	1224
8042728	28/08/2016	182018	19	N	837.5		24.8	-1	4.7	7	64	3.97			-1	4.7		396598.09	6908057.52	1225
8042728	28/08/2016	181946	19	N	850		24.8	-1.7	5.7	12	64	4.06			-1.7	5.7		396604.16	6908066.68	1224
8042728	28/08/2016	181902	19	N	862.5		24.8	-0.8	9.2	12	63	3.97			-0.8	9.2		396612.23	6908078.12	1223
8042728	28/08/2016	181818	19	N	875		24.8	-4.1	9.2	21	62	4.05			-4.1	9.2		396618.65	6908088.11	1223
8042728	28/08/2016	181738	19	N	887.5		24.8	-7.4	6.5	10	63	3.97			-7.4	6.5		396624.09	6908095.35	1223
8042728	28/08/2016	181642	19	N	900		24.8	-8.7	8.6	5	62	3.88			-8.7	8.6		396631.63	6908105.79	1222
8042728	28/08/2016	181558	19	N	912.5		24.8	-11.8	8.2	20	62	4.05			-11.8	8.2		396638.44	6908115.05	1222
8042728	28/08/2016	181454	19	N	925		24.8	-17.9	4.1	-4	65	4.04			-17.9	4.1		396647.28	6908128.04	1221
8042728	28/08/2016	181342	19	N	937.5		24.8	-20.6	4.5	7	67	4.17			-20.6	4.5		396654.83	6908137.59	1220
8042728	28/08/2016	181254	19	N	950		24.8	-23.5	3.5	12	64	4.05			-23.5	3.5		396661.52	6908147.09	1219
8042728	28/08/2016	181222	19	N	962.5		24.8	-26.9	2.2	7	67	4.17			-26.9	2.2		396667.93	6908155.81	1219
8042728	28/08/2016	181126	19	N	975		24.8	-30.4	-0.1	11	71	4.44			-30.4	-0.1		396676.73	6908167.22	1219
8042728	28/08/2016	181054	19	N	987.5		24.8	-27.2	1.6	3	75	4.66			-27.2	1.6		396683.81	6908175.7	1218

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	28/08/2016	181010	19	N	1000		24.8	-28.2	0.4	8	79	4.88			-28.2	0.4		396693.01	6908185.29	1218
8042728	28/08/2016	180918	19	N	1012.5		24.8	-14.9	5	-9	86	5.37			-14.9	5		396697.08	6908196.62	1217
8042728	28/08/2016	180746	19	N	1025		24.8	-0.8	12.3	5	85	5.29			-0.8	12.3		396704.18	6908206.29	1217
8042728	28/08/2016	180638	19	N	1037.5		24.8	8.3	14.8	-4	80	4.97			8.3	14.8		396711.34	6908217.28	1217
8042728	28/08/2016	180550	19	N	1050		24.8	12.4	14.9	-1	78	4.83			12.4	14.9		396718.19	6908225.01	1216
8042728	28/08/2016	180506	19	N	1062.5		24.8	16.3	16	0	72	4.43			16.3	16		396727.45	6908236.33	1216
8042728	28/08/2016	180430	19	N	1075		24.8	12	11	5	70	4.36			12	11		396734	6908246.65	1215
8042728	28/08/2016	180354	19	N	1087.5		24.8	9.9	7.5	4	69	4.27			9.9	7.5		396740.8	6908255.46	1215
8042728	28/08/2016	180318	19	N	1100		24.8	7.8	6	15	67	4.27			7.8	6		396746.29	6908263.58	1215
8042728	28/08/2016	180242	19	N	1112.5		24.8	8.5	5.1	10	67	4.21			8.5	5.1		396752.92	6908273.76	1216
8042728	28/08/2016	180150	19	N	1125		24.8	7.3	4.9	3	66	4.11			7.3	4.9		396759.35	6908284.72	1215
8042728	28/08/2016	180046	19	N	1137.5		24.8	3.8	4.4	12	65	4.06			3.8	4.4		396768.24	6908294.55	1215
8042728	28/08/2016	175922	19	N	1150		24.8	1.6	2.2	6	64	4.01			1.6	2.2		396777.71	6908304.62	1215
8042728	28/08/2016	175822	19	N	1162.5		24.8	-1	2	19	64	4.11			-1	2		396783.72	6908312.31	1216
8042728	28/08/2016	175726	19	N	1175		24.8	-2.8	1.1	15	64	4.07			-2.8	1.1		396790.6	6908322.84	1216
8042728	28/08/2016	175638	19	N	1187.5		24.8	-6	1.4	21	65	4.24			-6	1.4		396796.77	6908333.22	1215
8042728	28/08/2016	175602	19	N	1200		24.8	-8.9	-1.5	8	67	4.18			-8.9	-1.5		396805.12	6908344.92	1216
8042728	28/08/2016	175522	19	N	1212.5		24.8	-8.2	0.4	14	67	4.27			-8.2	0.4		396813.01	6908354.9	1216
8042728	28/08/2016	175434	19	N	1225		24.8	-7.3	0.8	8	68	4.23			-7.3	0.8		396818.9	6908364.13	1217
8042728	28/08/2016	175342	19	N	1237.5		24.8	-5.8	2	1	70	4.32			-5.8	2		396825.91	6908373.7	1216
8042728	28/08/2016	175302	19	N	1250		24.8	-4.6	4.5	17	68	4.34			-4.6	4.5		396832.7	6908379.81	1218
8042728	28/08/2016	175218	19	N	1262.5		24.8	-0.1	8.1	16	68	4.36			-0.1	8.1		396841.02	6908392.32	1216
8042728	21/08/2016	232946	19	N	1275		24.8	-3.6	-8.7	51	120	4.02	1					396847.58	6908402.39	1215
8042728	21/08/2016	233142	19	N	1275		24.8	-4.9	-8.1	58	122	4.17	2					396847.54	6908402.48	1215
8042728	28/08/2016	175058	19	N	1275		24.8	1.9	9.4	10	69	4.33			1.9	9.4		396847.88	6908402.63	1215
8042728	21/08/2016	232902	19	N	1287.5		24.8	-11.1	-6	13	74	2.31	2					396853.55	6908412.42	1215
8042728	28/08/2016	174918	19	N	1287.5		24.8	-2.3	-9.8	10	68	4.29			-2.3	-9.8		396855.24	6908414.93	1217
8042728	28/08/2016	174958	19	N	1287.5		24.8	3.2	11.3	12	67	4.21	1					396855.39	6908413.33	1214
8042728	21/08/2016	232738	19	N	1300		24.8	-15.5	-9.5	11	42	1.34	2					396863.32	6908421.88	1215
8042728	21/08/2016	232806	19	N	1300		24.8	-10.7	-20.3	29	127	2.01	2					396863.39	6908421.89	1215
8042728	21/08/2016	232822	19	N	1300		24.8	-7.2	-13.6	13	81	2.53	1					396863.43	6908421.78	1215
8042728	28/08/2016	174759	19	N	1300		24.8	-6.5	-15.7	8	66	4.12			-6.5	-15.7		396865.39	6908422.81	1217
8042728	28/08/2016	174818	19	N	1300		24.8	-7.1	-15.9	7	67	4.16	1					396865.36	6908422.84	1218
8042728	21/08/2016	232622	19	N	1312.5		24.8	-8.7	-16.5	12	47	1.51	2					396871.06	6908430.03	1216
8042728	21/08/2016	232646	19	N	1312.5		24.8	-9.1	-25.6	45	127	2.08			-9.1	-25.6		396870.93	6908429.89	1215
8042728	21/08/2016	232522	19	N	1325		24.8	-8	-23	32	75	2.53			-8	-23		396877.94	6908439.3	1216
8042728	21/08/2016	232422	19	N	1337.5		24.8	0.2	-17.5	32	110	3.54			0.2	-17.5		396886.13	6908449.72	1216
8042728	21/08/2016	232318	19	N	1350		24.8	3.2	-14.1	58	105	3.71			3.2	-14.1		396890.05	6908457.58	1217
8042728	21/08/2016	232210	19	N	1362.5		24.8	12.4	-7.9	27	97	3.12			12.4	-7.9		396896.81	6908467.69	1217
8042728	21/08/2016	232046	19	N	1375		24.8	22.5	9.4	19	77	2.45			22.5	9.4		396906.13	6908480.21	1217
8042728	21/08/2016	231954	19	N	1387.5		24.8	31.1	19.5	15	38	2.58			31.1	19.5		396912.55	6908490.09	1218
8042728	21/08/2016	231858	19	N	1400		24.8	29.7	29.3	15	53	3.43			29.7	29.3		396919.64	6908501.76	1218
8042728	21/08/2016	231750	19	N	1412.5		24.8	23.8	22.1	26	70	4.61			23.8	22.1		396925.46	6908510.19	1219
8042728	21/08/2016	231654	19	N	1425		24.8	4.9	10.8	39	86	5.84			4.9	10.8		396933.66	6908522.1	1219
8042728	21/08/2016	231614	19	N	1437.5		24.8	-23.1	-2	32	80	5.32			-23.1	-2		396940.54	6908532.87	1219
8042728	21/08/2016	231358	19	N	1450		24.8	-38.7	-3.3	23	81	5.18			-38.7	-3.3		396946.47	6908542.65	1219
8042728	21/08/2016	231234	19	N	1462.5		24.8	-59.4	-5.6	42	85	2.95	2					396951.95	6908551.07	1220
8042728	21/08/2016	231306	19	N	1462.5		24.8	-49.6	-4.8	66	127	4.42			-49.6	-4.8		396951.83	6908551.19	1220
8042728	21/08/2016	231150	19	N	1475		24.8	-55.9	-9.3	32	115	3.7			-55.9	-9.3		396958.83	6908563.13	1220
8042728	21/08/2016	231058	19	N	1487.5		24.8	-49.2	-0.5	36	107	3.49			-49.2	-0.5		396966.12	6908574.4	1221
8042728	21/08/2016	231018	19	N	1500		24.8	-49.3	3.1	39	97	3.22			-49.3	3.1		396969.91	6908582.35	1222
8042728	21/08/2016	230938	19	N	1512.5		24.8	-40.5	3.2	29	103	3.31			-40.5	3.2		396977	6908591.13	1222
8042728	21/08/2016	230846	19	N	1525		24.8	-39.4	7.5	31	89	2.9			-39.4	7.5		396985.01	6908601.55	1223
8042728	21/08/2016	230730	19	N	1537.5		24.8	-88.3	12.9	16	35	1.19	2					396993.01	6908613.44	1224
8042728	21/08/2016	230750	19	N	1537.5		24.8	-37	14.6	109	127	2.58			-37	14.6		396993.13	6908613.5	1224
8042728	21/08/2016	230646	19	N	1550		24.8	-34.8	9.3	24	73	2.39			-34.8	9.3		396999.82	6908623.66	1224
8042728	21/08/2016	230610	19	N	1562.5		24.8	-25.4	13.3	35	81	2.72			-25.4	13.3		397005.41	6908631.3	1224
8042728	21/08/2016	230458	19	N	1575		24.8	-24.6	21.3	60	127	2.17			-24.6	21.3		397015.96	6908646.53	1225
8042728	21/08/2016	230406	19	N	1587.5		24.8	-8.7	8.4	4	62	0.95			-8.7	8.4		397020.39	6908657.98	1225
8042728	21/08/2016	230306	19	N	1600		24.8	-43.5	15.6	13	43	1.39			-43.5	15.6		397026.61	6908667.14	1225
8042728	21/08/2016	230154	19	N	1612.5		24.8	-12.5	12.2	11	87	2.71			-12.5	12.2		397033.1	6908676	1226
8042728	21/08/2016	230102	19	N	1625		24.8	-18.3	2.6	4	61	1.9			-18.3	2.6		397041.11	6908686.79	1226
8042728	21/08/2016	230010	19	N	1637.5		24.8	-27.3	-0.5	36	127	2.04			-27.3	-0.5		397049.19	6908696.51	1226
8042728	21/08/2016	225910	19	N	1650		24.8	-44.2	-4.7	24	62	1.02			-44.2	-4.7		397056.85	6908705.73	1226
8042728	21/08/2016	225742	19	N	1662.5		24.8	-49.4	-22.2	9	29	0.95			-49.4	-22.2		397064.03	6908714.71	1226
8042728	21/08/2016	225654	19	N	1675		24.8	-24.1	-5.4	25	86	2.76			-24.1	-5.4		397070.84	6908725.2	1227

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	225606	19	N	1687.5		24.8	-20.6	-10.3	7	84	2.61			-20.6	-10.3		397074.74	6908733.68	1227
8042728	21/08/2016	225518	19	N	1700		24.8	-21.4	1.2	40	83	2.84			-21.4	1.2		397084.02	6908747.29	1228
8042728	21/08/2016	225434	19	N	1712.5		24.8	-24.9	5.2	48	127	2.1			-24.9	5.2		397090.63	6908757.64	1229
8042728	21/08/2016	225150	19	N	1725		24.8	-0.3	-1.1	9	96	1.48			-0.3	-1.1		397098.88	6908768.3	1230
8042728	21/08/2016	225030	19	N	1737.5		24.8	-27.2	-6.5	28	84	1.37			-27.2	-6.5		397107.02	6908779.44	1232
8042728	21/08/2016	224906	19	N	1750		24.8	-21.4	-13.3	13	29	0.99			-21.4	-13.3		397114.19	6908788.06	1232
8042728	21/08/2016	224814	19	N	1762.5		24.8	-20.5	-13.4	11	64	2.02			-20.5	-13.4		397122.07	6908797.48	1232
8042728	21/08/2016	224702	19	N	1775		24.8	-31.1	-21.4	20	126	1.97			-31.1	-21.4		397131.03	6908807.47	1233
8042728	21/08/2016	224554	19	N	1787.5		24.8	-32.2	-17.5	28	91	1.46			-32.2	-17.5		397140.09	6908818.08	1232
8042728	21/08/2016	224430	19	N	1800		24.8	-4.1	-5	15	109	1.7			-4.1	-5		397150.12	6908832.5	1227
8042728	21/08/2016	224146	19	N	1812.5		24.8	-38.6	-35.5	30	71	1.18	9					397155.96	6908840.56	1223
8042728	21/08/2016	224046	19	N	1825		24.8	-22.5	-20.9	41	111	1.82			-22.5	-20.9		397164.35	6908850.15	1219
8042728	21/08/2016	223958	19	N	1837.5		24.8	-56.8	-36.1	29	24	1.17			-56.8	-36.1		397170.95	6908859.26	1218
8042728	21/08/2016	223910	19	N	1850		24.8	-13.1	-24.4	11	67	2.1			-13.1	-24.4		397178.27	6908869.66	1216
8042728	21/08/2016	223706	19	N	1862.5		24.8	-11.2	-20.2	12	60	1.91			-11.2	-20.2		397185.28	6908879.33	1213
8042728	21/08/2016	223510	19	N	1875		24.8	5.9	-9.7	4	87	2.7	2					397192.62	6908889.65	1208
8042728	21/08/2016	223526	19	N	1875		24.8	5	-8.4	7	87	2.69			5	-8.4		397192.74	6908889.61	1208
8042728	21/08/2016	184630	21	N	0		24.8	200	47.8	14	6	0.49	9					396335.46	6907296.59	1077
8042728	21/08/2016	184814	21	N	0		24.8	23.7	-5	25	27	1.13	9					396335.34	6907296.29	1077
8042728	21/08/2016	184834	21	N	0		24.8	25.4	-4.4	46	48	1.03	9					396335.24	6907296.37	1077
8042728	21/08/2016	185558	21	N	0		24.8	71.8	7.8	125	127	1.37	9					396338.71	6907297.59	1074
8042728	21/08/2016	185642	21	N	0	True Station 0	24.8	87.9	4.4	65	127	2.21			87.9	4.4		396338.01	6907299.13	1075
8042728	21/08/2016	184854	21	N	0	Bad Point	24.8	142.4	12.8	18	52	0.42	9					396337.73	6907299.57	1077
8042728	21/08/2016	185742	21	N	12.5		24.8	65.2	5.4	27	105	3.35			65.2	5.4		396342.32	6907307.06	1077
8042728	21/08/2016	185858	21	N	25		24.8	65.6	0.9	28	109	3.46			65.6	0.9		396350.4	6907317.94	1078
8042728	21/08/2016	185954	21	N	37.5		24.8	166.3	21.6	3	39	1.2	9					396357.06	6907325.74	1079
8042728	21/08/2016	190106	21	N	50		24.8	152	37.9	0	32	1.01	9					396363.72	6907336.05	1081
8042728	21/08/2016	190222	21	N	62.5		24.8	132.9	36.9	0	54	0.84	9					396372.07	6907346.36	1082
8042728	21/08/2016	190322	21	N	75		24.8	90.3	-27.6	9	60	0.94	9					396378.51	6907355.25	1084
8042728	21/08/2016	190450	21	N	75		24.8	93.8	-16.8	35	120	1.92	9					396379.51	6907355.71	1083
8042728	21/08/2016	190534	21	N	87.5		24.8	71.6	-23.3	3	80	1.23	9					396385.08	6907363.78	1084
8042728	21/08/2016	190638	21	N	100		24.8	50.8	-37.5	16	123	1.91	9					396392.41	6907373.22	1087
8042728	21/08/2016	190754	21	N	112.5		24.8	-39.8	-76.2	2	-39	1.2	9					396401.27	6907384.98	1088
8042728	21/08/2016	190906	21	N	125		24.8	-60.6	-47.4	31	-127	2.02			-60.6	-47.4		396407.62	6907393.96	1090
8042728	21/08/2016	191054	21	N	137.5		24.8	34.7	-2.2	21	127	3.96			34.7	-2.2		396412.09	6907405.55	1092
8042728	21/08/2016	191146	21	N	150		24.8	35	-8.2	5	59	3.7			35	-8.2		396418.85	6907418.21	1096
8042728	21/08/2016	191250	21	N	162.5		24.8	-24	-32.8	7	-48	3.02			-24	-32.8		396427.57	6907427.34	1099
8042728	21/08/2016	191358	21	N	175		24.8	40.4	-85.2	5	20	0.65	9					396436.17	6907433.36	1098
8042728	21/08/2016	191426	21	N	175		24.8	51.7	-6.9	22	127	1.99	9					396434.32	6907431.17	1100
8042728	21/08/2016	191534	21	N	187.5		24.8	28.2	6	11	116	3.6			28.2	6		396441.69	6907441.06	1100
8042728	21/08/2016	191710	21	N	200		24.8	31.9	18	4	79	2.43			31.9	18		396451.72	6907450.86	1106
8042728	21/08/2016	191950	21	N	212.5		24.8	31.9	22.6	8	73	2.27			31.9	22.6		396459.24	6907461.22	1109
8042728	21/08/2016	192050	21	N	225		24.8	36.2	-3.7	4	33	1.02			36.2	-3.7		396465.95	6907470	1109
8042728	21/08/2016	192150	21	N	237.5		24.8	31.1	18	14	91	1.42			31.1	18		396473.16	6907479.65	1118
8042728	21/08/2016	192414	21	N	250		24.8	33	26.3	24	127	2			33	26.3		396472.14	6907492.75	1123
8042728	21/08/2016	192518	21	N	262.5		24.8	12.1	14.4	12	123	3.81			12.1	14.4		396478.42	6907503.71	1122
8042728	21/08/2016	192634	21	N	275		24.8	28	21.4	9	36	2.3			28	21.4		396489.71	6907511.39	1118
8042728	21/08/2016	192746	21	N	287.5		24.8	23.1	27.9	6	49	1.53			23.1	27.9		396494.48	6907519.3	1120
8042728	21/08/2016	192926	21	N	300	Real Station 300 Based on GPS	24.8	31.2	17.3	59	127	2.17			31.2	17.3		396498.34	6907527.37	1131
8042728	21/08/2016	193030	21	N	312.5	Possible Bad GPS, or Station 312.5 duplicate.	24.8	19.1	15.8	10	53	1.66			19.1	15.8		396505.73	6907544.56	1150
8042728	21/08/2016	193158	21	N	312.5		24.8	13.3	7.9	23	123	3.86			13.3	7.9		396507.59	6907543.11	1124
8042728	21/08/2016	193314	21	N	325		24.8	14.7	3.4	20	61	3.97			14.7	3.4		396511.62	6907552.39	1132
8042728	21/08/2016	193422	21	N	337.5		24.8	17.1	3.2	28	59	4.06			17.1	3.2		396520.41	6907561.9	1136
8042728	21/08/2016	193538	21	N	350		24.8	21.4	3.7	29	59	4.08			21.4	3.7		396526.84	6907569.72	1135
8042728	21/08/2016	193642	21	N	362.5	Possible bad GPS, located at same spot as Station 375	24.8	26	3.7	30	58	4.07			26	3.7		396538.71	6907587.13	1140
8042728	21/08/2016	193742	21	N	362.5	Possible bad GPS, located at same spot as Station 362.5	24.8	29.3	4.4	31	58	4.07			29.3	4.4		396544.35	6907584.82	1131
8042728	21/08/2016	193826	21	N	375		24.8	37.2	7.6	26	48	3.4			37.2	7.6		396548.06	6907604.41	1143
8042728	21/08/2016	193938	21	N	387.5		24.8	31.8	6.3	78	120	4.41			31.8	6.3		396552.84	6907615.68	1154
8042728	21/08/2016	194054	21	N	400		24.8	36.3	7.7	67	121	4.27			36.3	7.7		396559.96	6907626.85	1152
8042728	21/08/2016	194210	21	N	412.5		24.8	40.2	9	69	125	4.4			40.2	9		396564.41	6907630.98	1153
8042728	21/08/2016	194906	21	N	425		24.8	42	1.8	11	74	4.6			42	1.8		396576.25	6907640.31	1159
8042728	21/08/2016	195014	21	N	437.5		24.8	28.8	3.2	43	68	4.98			28.8	3.2		396578.81	6907645.12	1152
8042728	21/08/2016	195106	21	N	450		24.8	30.4	5.2	36	69	4.82			30.4	5.2		396587.16	6907657.63	1156
8042728	21/08/2016	195146	21	N	462.5		24.8	29.7	5.1	44	63	4.76			29.7	5.1		396594.42	6907668	1162
8042728	21/08/2016	195250	21	N	475		24.8	34.6	8.9	30	69	4.67			34.6	8.9		396600.66	6907681.37	1174
8042728	21/08/2016	195330	21	N	487.5		24.8	36	11.1	40	68	4.91			36	11.1		396606.89	6907690.52	1177

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	195442	21	N	500		24.8	30.1	8.9	40	70	5.01			30.1	8.9		396613.42	6907697.17	1173
8042728	21/08/2016	195602	21	N	512.5		24.8	34.5	9.3	37	68	4.81			34.5	9.3		396620.98	6907709.02	1179
8042728	21/08/2016	195802	21	N	525		24.8	35.8	11.3	27	72	4.76			35.8	11.3		396626.11	6907718.49	1181
8042728	21/08/2016	195910	21	N	537.5		24.8	38.9	15.7	32	71	4.81			38.9	15.7		396635.45	6907731.05	1197
8042728	21/08/2016	200022	21	N	550		24.8	39.1	18.2	38	76	5.27			39.1	18.2		396640.26	6907737.07	1192
8042728	21/08/2016	200134	21	N	562.5		24.8	41.8	12.7	13	86	5.41			41.8	12.7		396645.31	6907743.67	1195
8042728	21/08/2016	200226	21	N	575		24.8	20.2	13.4	15	94	5.88			20.2	13.4		396656.18	6907753.02	1203
8042728	21/08/2016	200314	21	N	587.5		24.8	-0.5	5.3	5	49	3.05			-0.5	5.3		396663.26	6907764.49	1204
8042728	21/08/2016	200402	21	N	600		24.8	4.8	1.6	38	-127	4.1			4.8	1.6		396667.62	6907774.48	1210
8042728	21/08/2016	200454	21	N	612.5		24.8	-1.5	3.2	8	59	3.68			-1.5	3.2		396673.1	6907782.22	1214
8042728	21/08/2016	200634	21	N	625		24.8	2.3	-6.6	6	-65	4.05			2.3	-6.6		396682.33	6907791.66	1220
8042728	21/08/2016	200722	21	N	637.5		24.8	2.8	7.2	16	69	4.4			2.8	7.2		396688.07	6907799.49	1223
8042728	21/08/2016	200758	21	N	650		24.8	9.3	9.3	24	65	4.28			9.3	9.3		396695.26	6907809.45	1227
8042728	21/08/2016	200834	21	N	662.5		24.8	-3.3	-1.1	7	60	3.73			-3.3	-1.1		396701.93	6907819.09	1231
8042728	21/08/2016	200910	21	N	675		24.8	11.2	9.2	8	63	3.96			11.2	9.2		396709.14	6907827.83	1236
8042728	21/08/2016	200950	21	N	687.5		24.8	12.1	8.7	15	69	4.35			12.1	8.7		396717.78	6907835.35	1239
8042728	21/08/2016	201026	21	N	700		24.8	10.6	5	17	67	4.28			10.6	5		396724.33	6907848.58	1243
8042728	21/08/2016	201114	21	N	712.5		24.8	13.9	14.4	6	50	3.11			13.9	14.4		396730.78	6907860.88	1246
8042728	21/08/2016	201202	21	N	725		24.8	18.1	12.8	15	62	3.94			18.1	12.8		396740.06	6907873.69	1249
8042728	21/08/2016	201246	21	N	737.5		24.8	22.8	26.9	7	37	2.33			22.8	26.9		396746.14	6907883.52	1251
8042728	21/08/2016	201350	21	N	750		24.8	16.4	47.7	18	72	2.28			16.4	47.7		396758.46	6907895.76	1252
8042728	21/08/2016	201446	21	N	762.5		24.8	22.3	38.6	21	81	2.59			22.3	38.6		396766.22	6907906.11	1253
8042728	21/08/2016	201518	21	N	775		24.8	34.3	44.5	19	53	1.75			34.3	44.5		396772.15	6907914.36	1252
8042728	21/08/2016	201606	21	N	787.5		24.8	18.4	-1.9	37	120	3.87			18.4	-1.9		396781.46	6907925.34	1252
8042728	21/08/2016	201650	21	N	800		24.8	19	3.3	58	120	4.12			19	3.3		396788.09	6907938.58	1253
8042728	21/08/2016	201746	21	N	812.5		24.8	22.4	8.5	32	122	3.89			22.4	8.5		396790.95	6907947.44	1252
8042728	21/08/2016	201930	21	N	825		24.8	25.2	-1.2	13	57	3.61			25.2	-1.2		396799.49	6907962.21	1249
8042728	21/08/2016	201958	21	N	837.5		24.8	23.3	-0.3	16	59	3.79			23.3	-0.3		396804.07	6907968.37	1245
8042728	21/08/2016	202046	21	N	850		24.8	31.7	15	6	44	2.73			31.7	15		396810.04	6907978.45	1241
8042728	21/08/2016	202114	21	N	850	Duplicate of Station 862.5	24.8	22.9	0	55	127	4.26			22.9	0		396810.02	6907978.54	1241
8042728	21/08/2016	202150	21	N	862.5		24.8	26.2	4.1	19	67	4.31			26.2	4.1		396816.29	6907987.24	1239
8042728	21/08/2016	202234	21	N	875		24.8	26.9	7.1	18	73	4.65			26.9	7.1		396823.35	6907998.19	1237
8042728	21/08/2016	202322	21	N	887.5		24.8	8.1	-14.1	18	75	4.79			8.1	-14.1		396829.71	6908008.4	1236
8042728	21/08/2016	202354	21	N	900		24.8	5.9	-23.9	19	65	4.19			5.9	-23.9		396836.5	6908018.05	1233
8042728	21/08/2016	202430	21	N	912.5		24.8	13.5	-19.3	24	50	3.45			13.5	-19.3		396843.66	6908028.07	1231
8042728	21/08/2016	202506	21	N	925		24.8	14.2	-12.4	14	61	3.87			14.2	-12.4		396850.82	6908040.08	1231
8042728	21/08/2016	202538	21	N	937.5		24.8	14.2	-15.7	19	61	3.95			14.2	-15.7		396856.67	6908049.93	1230
8042728	21/08/2016	202614	21	N	950		24.8	28.5	-5.6	5	41	2.54			28.5	-5.6		396864.54	6908060.23	1229
8042728	21/08/2016	202710	21	N	962.5		24.8	24.2	-1.7	14	109	3.39			24.2	-1.7		396870.91	6908072.2	1227
8042728	21/08/2016	202750	21	N	975		24.8	27.9	1.3	34	126	4.04			27.9	1.3		396878.66	6908082.69	1226
8042728	21/08/2016	202910	21	N	987.5		24.8	31.3	3.1	13	67	4.24			31.3	3.1		396885.5	6908092.18	1224
8042728	21/08/2016	202954	21	N	1000		24.8	21.4	-1.2	14	72	4.56			21.4	-1.2		396896.81	6908106.64	1223
8042728	21/08/2016	203022	21	N	1012.5		24.8	30.9	15.4	7	26	1.71			30.9	15.4		396900.75	6908110.8	1222
8042728	21/08/2016	203114	21	N	1025		24.8	16.9	-4.3	27	127	4.02			16.9	-4.3		396909.13	6908122.43	1222
8042728	21/08/2016	203158	21	N	1037.5		24.8	21.6	3.7	7	44	2.74			21.6	3.7		396915.53	6908130.77	1221
8042728	21/08/2016	203242	21	N	1050		24.8	13.5	-7.8	28	110	3.51			13.5	-7.8		396922.85	6908140.68	1220
8042728	21/08/2016	203314	21	N	1062.5		24.8	4.9	-19.6	35	83	2.78			4.9	-19.6		396929.21	6908150.13	1219
8042728	21/08/2016	203410	21	N	1075		24.8	3.6	-20	18	113	3.52			3.6	-20		396936.07	6908161.12	1219
8042728	21/08/2016	203454	21	N	1087.5		24.8	-4.7	-17.2	35	127	4.05			-4.7	-17.2		396943.73	6908174.65	1220
8042728	21/08/2016	203558	21	N	1100		24.8	-3.6	-18.4	15	64	4.05			-3.6	-18.4		396952.07	6908183.4	1219
8042728	21/08/2016	203650	21	N	1112.5		24.8	0.2	-15.7	10	60	3.75			0.2	-15.7		396958.21	6908191.18	1219
8042728	21/08/2016	203734	21	N	1125		24.8	5.1	-12.6	6	55	3.45			5.1	-12.6		396965.5	6908202.24	1218
8042728	21/08/2016	203806	21	N	1137.5		24.8	7.3	-10.9	18	61	3.92			7.3	-10.9		396972.98	6908211.52	1220
8042728	21/08/2016	203906	21	N	1150		24.8	16.2	-3.6	13	59	3.77			16.2	-3.6		396983.13	6908225.54	1220
8042728	21/08/2016	203946	21	N	1162.5		24.8	18.1	-3.5	11	56	3.51			18.1	-3.5		396989.29	6908232.55	1219
8042728	21/08/2016	204018	21	N	1175		24.8	21.7	-2.7	6	52	3.27			21.7	-2.7		396995.07	6908240.87	1219
8042728	21/08/2016	204058	21	N	1187.5		24.8	24.4	-5.2	7	56	3.48			24.4	-5.2		397001.4	6908249.89	1219
8042728	21/08/2016	204158	21	N	1200		24.8	28.4	-4.6	5	51	3.21			28.4	-4.6		397009.98	6908261.17	1219
8042728	21/08/2016	204230	21	N	1212.5		24.8	30.8	-3.1	6	54	3.39			30.8	-3.1		397017.93	6908272.31	1219
8042728	21/08/2016	204306	21	N	1225		24.8	35.4	-0.5	22	62	4.06			35.4	-0.5		397025.29	6908280.92	1219
8042728	21/08/2016	204346	21	N	1237.5		24.8	38.1	3.4	8	67	4.16			38.1	3.4		397033.13	6908290.74	1219
8042728	21/08/2016	204426	21	N	1250		24.8	33	3.2	8	66	4.14			33	3.2		397038.03	6908300.64	1219
8042728	21/08/2016	204522	21	N	1262.5		24.8	29.3	4.4	29	76	5.02			29.3	4.4		397046.25	6908310.25	1219
8042728	21/08/2016	204606	21	N	1275		24.8	24.1	7.5	8	78	4.84			24.1	7.5		397052.49	6908319.6	1220
8042728	21/08/2016	204650	21	N	1287.5		24.8	1.5	-2.8	29	82	5.37			1.5	-2.8		397059.54	6908329.01	1221
8042728	21/08/2016	204734	21	N	1300		24.8	17.9	-4.5	5	6	0.53	9					3970		

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	204750	21	N	1300		24.8	-4.4	3.2	26	127	4.01			-4.4	3.2		397067.49	6908342.35	1222
8042728	21/08/2016	204830	21	N	1312.5		24.8	-6.7	2.4	6	57	3.55			-6.7	2.4		397074.69	6908352.09	1223
8042728	21/08/2016	204910	21	N	1325		24.8	-9.1	9.3	8	71	4.4			-9.1	9.3		397080.19	6908360.1	1223
8042728	21/08/2016	204954	21	N	1337.5		24.8	-15.6	7.8	9	73	4.53			-15.6	7.8		397087.72	6908369.89	1224
8042728	21/08/2016	205038	21	N	1350		24.8	-28.3	-1.4	23	75	4.84			-28.3	-1.4		397093.48	6908379.05	1225
8042728	21/08/2016	205114	21	N	1362.5		24.8	-41.6	-13.8	15	63	4.02			-41.6	-13.8		397100.78	6908388.97	1225
8042728	21/08/2016	205206	21	N	1375		24.8	-35.7	-14	4	39	2.46			-35.7	-14		397108.46	6908399.73	1227
8042728	21/08/2016	205254	21	N	1387.5		24.8	-30.9	0.5	16	109	3.41			-30.9	0.5		397116.73	6908409.41	1227
8042728	21/08/2016	205342	21	N	1400		24.8	-27.9	4.5	13	106	3.29			-27.9	4.5		397123.87	6908418.91	1228
8042728	21/08/2016	205442	21	N	1412.5		24.8	-19.8	11.3	41	111	3.65			-19.8	11.3		397131.4	6908428.68	1229
8042728	21/08/2016	205814	21	N	1425		24.8	-37.4	38	21	34	1.24			-37.4	38		397139.21	6908439.35	1231
8042728	21/08/2016	205854	21	N	1437.5		24.8	-10.6	29.2	34	127	2.03			-10.6	29.2		397146.08	6908448.96	1232
8042728	21/08/2016	205942	21	N	1450		24.8	-6.2	20	40	105	3.47			-6.2	20		397152.06	6908457.88	1233
8042728	21/08/2016	210058	21	N	1462.5		24.8	-1.4	24	22	103	3.24			-1.4	24		397157.22	6908468.88	1234
8042728	21/08/2016	210146	21	N	1475		24.8	-1.9	20.1	18	96	3.02			-1.9	20.1		397163.83	6908480.18	1235
8042728	21/08/2016	210234	21	N	1487.5		24.8	4.2	32.5	11	46	1.48			4.2	32.5		397170.01	6908488.96	1236
8042728	21/08/2016	210350	21	N	1500		24.8	15.2	25.7	82	127	2.34			15.2	25.7		397178.19	6908500.28	1237
8042728	21/08/2016	210438	21	N	1512.5		24.8	10.3	16.3	73	107	4.01			10.3	16.3		397185.7	6908509.93	1239
8042728	21/08/2016	210526	21	N	1525		24.8	12.5	18.7	36	120	3.86			12.5	18.7		397192.73	6908520.65	1240
8042728	21/08/2016	210610	21	N	1537.5		24.8	10.5	22	16	109	3.4			10.5	22		397198.99	6908530.98	1242
8042728	21/08/2016	210702	21	N	1550		24.8	12.2	21.4	20	117	3.67			12.2	21.4		397205.43	6908542.02	1244
8042728	21/08/2016	210746	21	N	1562.5		24.8	3.9	10.8	1	93	2.88			3.9	10.8		397210.8	6908550.78	1247
8042728	21/08/2016	210830	21	N	1575		24.8	8.2	9.9	19	110	3.45			8.2	9.9		397218.97	6908561.49	1249
8042728	21/08/2016	210906	21	N	1587.5		24.8	7.2	6.7	18	107	3.36			7.2	6.7		397225.07	6908570.93	1251
8042728	21/08/2016	211006	21	N	1600		24.8	31	2.5	35	9	1.13			31	2.5		397233.66	6908580.22	1256
8042728	21/08/2016	211130	21	N	1612.5		24.8	-2.8	-0.1	54	116	1.98			-2.8	-0.1		397240.05	6908588.96	1260
8042728	21/08/2016	211310	21	N	1625		24.8	12.7	8.2	85	127	2.36			12.7	8.2		397242.41	6908601.86	1262
8042728	21/08/2016	212526	21	N	1637.5		24.8	0.2	-1.1	22	65	2.12			0.2	-1.1		397247.7	6908612.6	1263
8042728	21/08/2016	212650	21	N	1650		24.8	11.2	-0.8	41	93	3.14			11.2	-0.8		397255.78	6908626.38	1260
8042728	21/08/2016	212742	21	N	1662.5		24.8	18	4	46	122	4.03			18	4		397261.15	6908635.17	1255
8042728	21/08/2016	212814	21	N	1675		24.8	15.7	-3.6	25	61	4.07			15.7	-3.6		397265.4	6908641.72	1252
8042728	21/08/2016	212846	21	N	1687.5		24.8	19.7	-0.4	11	57	3.59			19.7	-0.4		397271.57	6908651.98	1250
8042728	21/08/2016	212922	21	N	1700		24.8	17.4	-3	21	61	4.01			17.4	-3		397277.55	6908662.97	1247
8042728	21/08/2016	213002	21	N	1712.5		24.8	-0.7	-2.8	8	45	2.87			-0.7	-2.8		397283.51	6908672.46	1245
8042728	21/08/2016	213126	21	N	1725		24.8	14.8	-1.1	10	106	3.29			14.8	-1.1		397292.2	6908684.79	1241
8042728	21/08/2016	213214	21	N	1737.5		24.8	15.7	-3.9	28	115	3.64			15.7	-3.9		397296.84	6908694.6	1239
8042728	21/08/2016	213302	21	N	1750		24.8	29.2	19.3	4	50	1.54			29.2	19.3		397304.21	6908703.62	1238
8042728	21/08/2016	213434	21	N	1762.5	Possible Bad GPS, Large Gap between previous station	24.8	8.5	-9.8	48	118	3.93			8.5	-9.8		397318.5	6908716.54	1236
8042728	21/08/2016	213510	21	N	1775		24.8	21.1	-9.5	17	75	2.37			21.1	-9.5		397322.98	6908723.95	1235
8042728	21/08/2016	213550	21	N	1787.5		24.8	12.7	-10.8	23	101	3.18			12.7	-10.8		397328.83	6908731.26	1235
8042728	21/08/2016	213650	21	N	1800		24.8	9.6	-7.1	33	67	2.31			9.6	-7.1		397334.91	6908742.15	1233
8042728	21/08/2016	213738	21	N	1812.5		24.8	17.4	-3.3	48	110	3.7			17.4	-3.3		397341.49	6908753.38	1231
8042728	21/08/2016	213830	21	N	1825		24.8	20	-12.5	32	20	1.18			20	-12.5		397346.62	6908762.94	1229
8042728	21/08/2016	214010	21	N	1837.5		24.8	26.5	-2.6	50	127	2.11			26.5	-2.6		397354.68	6908772.47	1227
8042728	21/08/2016	214122	21	N	1850		24.8	10.5	-6.3	25	112	3.55			10.5	-6.3		397361.98	6908783.48	1226
1124844	21/08/2016	174918	23	N	0		24.8	-10.5	6.4	10	55	3.49			-10.5	6.4		396453.22	6907125.07	1107
1124844	21/08/2016	175358	23	N	0		24.8	-10.7	7.3	0	57	3.51	1					396453.29	6907125.04	1106
1124844	21/08/2016	175618	23	N	12.5		24.8	-13.8	3.4	5	57	3.55			-13.8	3.4		396461.37	6907135.13	1104
1124844	21/08/2016	175806	23	N	25		24.8	-16.2	3.4	-13	60	3.81			-16.2	3.4		396468.44	6907145.69	1102
1124844	21/08/2016	180226	23	N	37.5		24.8	-13.9	7.1	5	59	3.67			-13.9	7.1		396474.1	6907154.32	1100
1124844	21/08/2016	180414	23	N	50		24.8	-14.9	8.7	-22	57	3.8			-14.9	8.7		396479.84	6907166.5	1098
1124844	21/08/2016	180610	23	N	62.5		24.8	-17.4	9.1	-12	58	3.7			-17.4	9.1		396486.04	6907177.47	1096
1124844	21/08/2016	180706	23	N	75		24.8	-19.7	8.3	-19	56	3.66			-19.7	8.3		396491.05	6907187.77	1093
1124844	21/08/2016	180818	23	N	87.5		24.8	-21	8.4	-3	60	3.72			-21	8.4		396499.09	6907197.82	1091
1124844	21/08/2016	180942	23	N	100		24.8	-25.3	7.2	-17	58	3.75			-25.3	7.2		396506.21	6907207.37	1088
1124844	21/08/2016	181114	23	N	112.5		24.8	-27.7	5.4	-16	58	3.74			-27.7	5.4		396511.08	6907216.67	1084
1124844	21/08/2016	181230	23	N	125		24.8	-29	5.9	-20	58	3.79			-29	5.9		396520.33	6907227.67	1086
1124844	21/08/2016	181346	23	N	137.5		24.8	-31.8	2	15	58	3.69			-31.8	2		396526.89	6907238.61	1086
1124844	21/08/2016	181510	23	N	150		24.8	-31.9	2.3	-8	63	3.96			-31.9	2.3		396533.2	6907247.98	1086
1124844	21/08/2016	181822	23	N	162.5		24.8	-33.8	-0.8	2	62	3.87			-33.8	-0.8		396541.54	6907257	1087
1124844	21/08/2016	181910	23	N	175		24.8	-32.3	-1.2	-6	64	3.99			-32.3	-1.2		396549.6	6907267.95	1088
1124844	21/08/2016	181958	23	N	187.5		24.8	-29.5	-1.1	-21	65	4.25			-29.5	-1.1		396556.49	6907277.75	1089
1124844	21/08/2016	182042	23	N	200		24.8	-27	-1.7	-21	66	4.27			-27	-1.7		396562.16	6907287.98	1091
1124844	21/08/2016	182142	23	N	212.5		24.8	-24.3	-2.8	-8	68	4.24			-24.3	-2.8		396567	6907299.29	1093
1124844	21/08/2016	182538	23	N	225		24.8	-19.4	-1.2	5	68	4.24			-19.4	-1.2		396574.52	6907309.01	1094
1124844	21/08/2016	182638	23	N	237.5		24.8	-17.6	-2.2	1	68	4.18			-17.6	-2.2		396580.78	6907318.27	1094</

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	182734	23	N	250		24.8	-17.4	-2.7	-11	66	4.16			-17.4	-2.7		396586.38	6907326.71	1096
1124844	21/08/2016	182850	23	N	262.5		24.8	-18.3	-4.3	-7	67	4.2			-18.3	-4.3		396593.09	6907336.71	1097
1124844	21/08/2016	182946	23	N	275		24.8	-15.9	-4.8	-2	69	4.3			-15.9	-4.8		396599.04	6907347.81	1099
1124844	21/08/2016	183034	23	N	287.5		24.8	-14.9	-5	-12	68	4.25			-14.9	-5		396604.14	6907351.89	1099
1124844	21/08/2016	183202	23	N	300		24.8	-13.4	-5.1	11	68	4.24			-13.4	-5.1		396612.79	6907363.24	1102
1124844	21/08/2016	183350	23	N	312.5		24.8	-10.2	-6.5	-40	62	4.56			-10.2	-6.5		396619.45	6907376.3	1104
1124844	21/08/2016	183534	23	N	325		24.8	-6.7	-5.6	-34	62	4.4			-6.7	-5.6		396626.5	6907381.7	1105
1124844	21/08/2016	183754	23	N	337.5		24.8	-3.6	-4.6	-13	67	4.22			-3.6	-4.6		396631.37	6907388.73	1106
1124844	21/08/2016	183842	23	N	350		24.8	-3.3	-5.7	0	67	4.12			-3.3	-5.7		396641.96	6907395.1	1109
1124844	21/08/2016	183942	23	N	362.5		24.8	-3.2	-5.1	-24	64	4.24			-3.2	-5.1		396648.6	6907406.6	1110
1124844	21/08/2016	184030	23	N	375		24.8	-6.7	-8.3	-25	61	4.1			-6.7	-8.3		396654.88	6907416.5	1112
1124844	21/08/2016	184142	23	N	387.5		24.8	-3.5	-4.5	-16	64	4.11			-3.5	-4.5		396662.56	6907426.29	1116
1124844	21/08/2016	184234	23	N	400		24.8	-5.8	-6.7	-1	65	4.03			-5.8	-6.7		396669.57	6907436.63	1116
1124844	21/08/2016	184418	23	N	412.5		24.8	-4.2	-4.7	-15	64	4.1			-4.2	-4.7		396679.26	6907444.45	1118
1124844	21/08/2016	184510	23	N	425		24.8	-4.5	-6.6	-14	66	4.17			-4.5	-6.6		396686.23	6907455.39	1122
1124844	21/08/2016	184602	23	N	437.5		24.8	-3.1	-5.5	-35	60	4.33			-3.1	-5.5		396691.79	6907464.71	1124
1124844	21/08/2016	184758	23	N	450		24.8	-0.7	-3.5	-43	58	4.44			-0.7	-3.5		396695.84	6907479.18	1124
1124844	21/08/2016	185314	23	N	462.5		24.8	0.8	-6.2	2	67	4.14			0.8	-6.2		396703.48	6907487.33	1128
1124844	21/08/2016	185406	23	N	475		24.8	-1	-7.4	-31	63	4.35			-1	-7.4		396713.29	6907498.27	1130
1124844	21/08/2016	185530	23	N	487.5		24.8	0	-6.7	-36	61	4.37			0	-6.7		396720.73	6907505.6	1132
1124844	21/08/2016	185614	23	N	500		24.8	5.3	-3.8	-4	66	4.12			5.3	-3.8		396727.69	6907516.35	1135
1124844	21/08/2016	185658	23	N	512.5		24.8	2.3	-4	-53	50	4.52			2.3	-4		396734.15	6907526.88	1136
1124844	21/08/2016	185758	23	N	525		24.8	3.1	-4.3	-15	63	4.01			3.1	-4.3		396741.7	6907538.12	1140
1124844	21/08/2016	185846	23	N	537.5		24.8	1.4	-5.8	2	62	3.87			1.4	-5.8		396745.85	6907546.99	1141
1124844	21/08/2016	185938	23	N	550		24.8	-1.3	-6.7	-12	62	3.94			-1.3	-6.7		396755.72	6907554.48	1142
1124844	21/08/2016	190022	23	N	562.5		24.8	-3.7	-8.4	-6	64	3.97			-3.7	-8.4		396764.18	6907562.13	1144
1124844	21/08/2016	190138	23	N	575		24.8	-11.8	-12.3	-54	50	4.55			-11.8	-12.3		396766.97	6907573.52	1146
1124844	21/08/2016	190246	23	N	587.5		24.8	-14	-15.5	-26	64	4.29			-14	-15.5		396767.46	6907586.52	1148
1124844	21/08/2016	190326	23	N	600		24.8	-17.4	-20.3	-27	69	4.58			-17.4	-20.3		396774.16	6907597.28	1151
1124844	21/08/2016	190438	23	N	612.5		24.8	-15.6	-18.1	-36	75	5.17			-15.6	-18.1		396784	6907604.97	1155
1124844	21/08/2016	190550	23	N	625		24.8	3.1	-6.3	-7	89	5.52			3.1	-6.3		396789.58	6907615.33	1160
1124844	21/08/2016	190658	23	N	637.5		24.8	23.4	3.9	-5	80	4.96			23.4	3.9		396798.05	6907621.73	1157
1124844	21/08/2016	190754	23	N	650		24.8	22.2	1.6	-40	66	4.81			22.2	1.6		396804.19	6907632.9	1162
1124844	21/08/2016	190918	23	N	662.5	Possible bad GPS, Point is really close to Previous station	24.8	25.2	-0.3	0	66	4.09			25.2	-0.3		396809.93	6907635.95	1164
1124844	21/08/2016	191146	23	N	675		24.8	21.8	-2.4	-12	64	4.03			21.8	-2.4		396820.17	6907653.35	1167
1124844	21/08/2016	191254	23	N	687.5		24.8	24.3	0.1	-11	63	3.96			24.3	0.1		396823.87	6907663.31	1171
1124844	21/08/2016	191354	23	N	700		24.8	19.3	1.7	-43	52	4.17			19.3	1.7		396829.51	6907672.09	1173
1124844	21/08/2016	191454	23	N	712.5		24.8	15.1	0	-49	45	4.1			15.1	0		396836.17	6907683.41	1177
1124844	21/08/2016	191546	23	N	725		24.8	19.6	-1.5	19	98	3.09			19.6	-1.5		396842.91	6907693.93	1182
1124844	21/08/2016	191638	23	N	737.5		24.8	12.5	-3.2	-32	98	3.2			12.5	-3.2		396843.72	6907703.47	1186
1124844	21/08/2016	192134	23	N	750		24.8	8.6	-5.2	69	98	3.69			8.6	-5.2		396857.22	6907712.91	1191
1124844	21/08/2016	192410	23	N	762.5		24.8	4.8	-2.5	-56	98	3.5			4.8	-2.5		396862.82	6907719.64	1191
1124844	21/08/2016	192514	23	N	775		24.8	3.4	-1.8	-3	98	3.04			3.4	-1.8		396870.28	6907726.81	1192
1124844	21/08/2016	192558	23	N	787.5		24.8	2.2	1.2	-38	98	3.26			2.2	1.2		396878.89	6907737.81	1196
1124844	21/08/2016	192714	23	N	800		24.8	-1.2	-0.2	-14	98	3.07			-1.2	-0.2		396885.65	6907751.25	1200
1124844	21/08/2016	192818	23	N	812.5		24.8	-3.7	-0.6	-28	98	3.16			-3.7	-0.6		396892.75	6907762.47	1205
1124844	21/08/2016	192938	23	N	825		24.8	-3.6	0.4	-8	98	3.04			-3.6	0.4		396899.23	6907766.89	1205
1124844	21/08/2016	193038	23	N	837.5		24.8	-9.5	1.9	-57	98	3.51			-9.5	1.9		396905.54	6907779.85	1208
1124844	21/08/2016	193138	23	N	850		24.8	-10.4	3.4	-79	98	3.89			-10.4	3.4		396912.59	6907787.99	1208
1124844	21/08/2016	193234	23	N	862.5		24.8	-14.3	1.8	-16	98	3.08			-14.3	1.8		396920.35	6907799.09	1209
1124844	21/08/2016	193318	23	N	875		24.8	-16.7	1.3	-28	98	3.16			-16.7	1.3		396924.91	6907809.84	1209
1124844	21/08/2016	194654	23	N	875	Likely Bad GPS Point, Times and values constant with new location	24.8	-21.3	-8.7	99	29	3.17			-21.3	-8.7		396925.27	6907810.14	1214
1124844	21/08/2016	195858	23	N	887.5		24.8	-20.9	-4.1	-1	98	3.03			-20.9	-4.1		396931.3	6907819.08	1211
1124844	21/08/2016	200230	23	N	900		24.8	-27.3	-7.4	-27	98	3.15	2					396939.66	6907829.16	1210
1124844	21/08/2016	200310	23	N	912.5		24.8	-33.8	-11.9	13	98	3.06			-33.8	-11.9		396948.55	6907836.36	1211
1124844	21/08/2016	200358	23	N	925		24.8	-39.7	-16.3	2	98	3.04			-39.7	-16.3		396955.62	6907846.31	1212
1124844	21/08/2016	200438	23	N	937.5		24.8	-44.7	-18.2	-37	98	3.25			-44.7	-18.2		396962.23	6907856.54	1211
1124844	21/08/2016	200522	23	N	950		24.8	-31.7	-11.8	-34	98	3.21			-31.7	-11.8		396969.92	6907866.47	1211
1124844	21/08/2016	200618	23	N	962.5		24.8	-17.9	-1.9	-34	98	3.21			-17.9	-1.9		396976.28	6907877.15	1211
1124844	21/08/2016	200658	23	N	975		24.8	17.7	21.6	3	98	3.04			17.7	21.6		396983.5	6907886.49	1210
1124844	21/08/2016	200810	23	N	987.5		24.8	27.3	36.3	6	98	3.04			27.3	36.3		396991.16	6907896.77	1207
1124844	21/08/2016	201042	23	N	1000		24.8	13	23.8	20	98	3.1			13	23.8		397000.73	6907908.75	1208
1124844	21/08/2016	201206	23	N	1012.5		24.8	2.8	16.1	-13	98	3.06			2.8	16.1		397006.45	6907918.88	1208
1124844	21/08/2016	201310	23	N	1025		24.8	-16.1	7.2	15	98	3.08			-16.1	7.2		397013.77	6907929.55	1208
1124844	21/08/2016	201438	23	N	1037.5		24.8	0.9	13	39	98	3.27			0.9	13		397025.16	6907939.11	1207
1124844	21/08/2016	201638	23	N	1050		24.8	7.1	23.1	-34	98	3.22			7.1	23.1		397030.47	6907953.25	1208

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	201754	23	N	1062.5		24.8	5.2	22.3	-17	98	3.08			5.2	22.3		397038.14	6907963.43	1208
1124844	21/08/2016	201834	23	N	1075		24.8	1	20.4	12	98	3.06			1	20.4		397046.15	6907972.84	1208
1124844	21/08/2016	201918	23	N	1087.5		24.8	-0.5	21.2	-25	98	3.13			-0.5	21.2		397051.84	6907983.21	1208
1124844	21/08/2016	201954	23	N	1100		24.8	-6.4	15.6	-19	98	3.09			-6.4	15.6		397060.15	6907992.62	1206
1124844	21/08/2016	202046	23	N	1112.5		24.8	-9.4	13.5	-52	98	3.44			-9.4	13.5		397065.85	6908003.19	1205
1124844	21/08/2016	202130	23	N	1125		24.8	-9	14.9	-9	98	3.41			-9	14.9		397072.33	6908015.07	1205
1124844	21/08/2016	202402	23	N	1137.5		24.8	0.1	21.6	-2	98	3.04			0.1	21.6		397079.59	6908023.39	1205
1124844	21/08/2016	202442	23	N	1150		24.8	-12.8	15.2	-35	98	3.22			-12.8	15.2		397086.58	6908033.47	1205
1124844	21/08/2016	202526	23	N	1162.5		24.8	0.3	18.9	25	98	3.14			0.3	18.9		397093.81	6908044.03	1203
1124844	21/08/2016	202614	23	N	1175		24.8	-5.9	20.5	-9	98	3.05			-5.9	20.5		397101.27	6908053.07	1203
1124844	21/08/2016	202658	23	N	1187.5		24.8	-10.1	15.1	-50	98	3.41			-10.1	15.1		397109.12	6908065.57	1203
1124844	21/08/2016	202742	23	N	1200		24.8	-9.5	15.4	-28	98	3.16			-9.5	15.4		397115.59	6908074.08	1201
1124844	21/08/2016	202910	23	N	1212.5		24.8	-5.1	21.4	-11	98	3.05			-5.1	21.4		397119.26	6908086.19	1202
1124844	21/08/2016	203114	23	N	1225		24.8	-3.5	21	15	98	3.07			-3.5	21		397126.72	6908097.11	1202
1124844	21/08/2016	203234	23	N	1237.5		24.8	-5.4	19.6	14	98	3.07			-5.4	19.6		397134.39	6908105.84	1202
1124844	21/08/2016	203338	23	N	1250		24.8	-12	12.8	22	98	3.11			-12	12.8		397139.51	6908117.5	1201
1124844	21/08/2016	203738	23	N	1262.5		24.8	-15.7	5.7	-34	98	3.22			-15.7	5.7		397146.34	6908128.59	1201
1124844	21/08/2016	203838	23	N	1275		24.8	-23.2	-0.4	-24	98	3.12			-23.2	-0.4		397153.81	6908138.22	1200
1124844	21/08/2016	203922	23	N	1287.5		24.8	-9.4	3.6	-42	98	3.31			-9.4	3.6		397162.17	6908146.63	1200
1124844	21/08/2016	204006	23	N	1300		24.8	1.9	7	-1	98	3.04			1.9	7		397168.18	6908157.04	1200
1124844	21/08/2016	204054	23	N	1312.5		24.8	14.8	7	15	98	3.07			14.8	7		397175.11	6908168.44	1201
1124844	21/08/2016	204146	23	N	1325		24.8	12.4	3	33	98	3.2			12.4	3		397182.5	6908176.23	1202
1124844	21/08/2016	204310	23	N	1337.5		24.8	7.4	-3.3	22	98	3.12			7.4	-3.3		397189.43	6908188.72	1204
1124844	21/08/2016	204402	23	N	1350		24.8	7.1	-9.5	-25	98	3.13			7.1	-9.5		397195.45	6908198.85	1205
1124844	21/08/2016	204454	23	N	1362.5		24.8	2.5	-17.2	23	98	3.12			2.5	-17.2		397201.45	6908208.24	1206
1124844	21/08/2016	204618	23	N	1375		24.8	10.5	-20	26	98	3.14			10.5	-20		397209.45	6908213.72	1207
1124844	21/08/2016	204938	23	N	1387.5		24.8	34.2	-10.7	-27	98	3.16			34.2	-10.7		397217.62	6908225.3	1209
1124844	21/08/2016	205230	23	N	1400		24.8	53.7	3.5	-50	98	3.41			53.7	3.5		397222.2	6908237.56	1210
1124844	21/08/2016	205402	23	N	1412.5		24.8	50.9	-2.4	-12	98	3.06			50.9	-2.4		397231.93	6908249.1	1211
1124844	21/08/2016	205450	23	N	1425		24.8	36.8	-5.8	-29	98	3.17			36.8	-5.8		397235.82	6908260.73	1213
1124844	21/08/2016	205630	23	N	1437.5		24.8	40	-7.4	20	99	3.11			40	-7.4		397246.31	6908265.92	1213
1124844	21/08/2016	205814	23	N	1450		24.8	31.3	-8.9	-18	99	3.09			31.3	-8.9		397256.14	6908275.01	1212
1124844	21/08/2016	205858	23	N	1462.5		24.8	27.4	-7.3	-27	98	3.16			27.4	-7.3		397259.06	6908284.31	1215
1124844	21/08/2016	205954	23	N	1475		24.8	23.7	-11	-3	98	3.04			23.7	-11		397265.84	6908294.6	1216
1124844	21/08/2016	210034	23	N	1487.5		24.8	19	-10.2	0	98	3.04			19	-10.2		397274.11	6908303.05	1216
1124844	21/08/2016	210118	23	N	1500		24.8	10.6	-9.2	-57	98	3.5			10.6	-9.2		397279.96	6908313.74	1217
1124844	21/08/2016	210222	23	N	1512.5		24.8	14.2	-11.4	0	99	3.04			14.2	-11.4		397287.41	6908325.2	1218
1124844	21/08/2016	210306	23	N	1525		24.8	6.2	-11.5	-14	99	3.07			6.2	-11.5		397296.02	6908334.12	1218
1124844	21/08/2016	210350	23	N	1537.5		24.8	5.4	-12.3	0	99	3.04			5.4	-12.3		397302.76	6908344.92	1219
1124844	21/08/2016	210434	23	N	1550		24.8	4.3	-8.1	-8	99	3.05			4.3	-8.1		397313.06	6908357.32	1220
1124844	21/08/2016	210534	23	N	1562.5		24.8	7.3	-3.8	-18	99	3.1			7.3	-3.8		397319.53	6908364.2	1219
1124844	21/08/2016	210618	23	N	1575		24.8	0.4	-8.2	1	98	3.04			0.4	-8.2		397327.89	6908374.55	1219
1124844	21/08/2016	210654	23	N	1587.5		24.8	-1.6	-8.7	-37	99	3.26			-1.6	-8.7		397332.28	6908383.52	1221
1124844	21/08/2016	210750	23	N	1600		24.8	-3.8	-9	-48	99	3.39			-3.8	-9		397337.96	6908395.06	1223
1124844	21/08/2016	210834	23	N	1612.5		24.8	-4.3	-11.1	-18	99	3.09			-4.3	-11.1		397342.97	6908406.19	1224
1124844	21/08/2016	210918	23	N	1625		24.8	1.5	-3	-6	99	3.05			1.5	-3		397349.84	6908415.26	1225
1124844	21/08/2016	211002	23	N	1637.5		24.8	-3.6	-4.1	-48	99	3.38			-3.6	-4.1		397357.29	6908423.86	1226
1124844	21/08/2016	211102	23	N	1650		24.8	1.7	-1.7	-17	99	3.09			1.7	-1.7		397364.72	6908434.54	1226
1124844	21/08/2016	211202	23	N	1662.5		24.8	0	-2.6	-24	99	3.13			0	-2.6		397374.65	6908443.75	1228
1124844	21/08/2016	211310	23	N	1675		24.8	0	-3.1	-20	99	3.1			0	-3.1		397379.19	6908453.26	1229
1124844	21/08/2016	211354	23	N	1687.5		24.8	-5.9	-3.8	-49	99	3.39			-5.9	-3.8		397383.95	6908465.23	1231
1124844	21/08/2016	211438	23	N	1700		24.8	3.8	3.6	-49	98	3.4			3.8	3.6		397389.7	6908477.99	1233
1124844	21/08/2016	211538	23	N	1712.5		24.8	4.8	7.2	-22	99	3.12			4.8	7.2		397396.35	6908488.75	1234
1124844	21/08/2016	211638	23	N	1725		24.8	7.3	10.5	-28	99	3.17			7.3	10.5		397402.24	6908500.58	1236
1124844	21/08/2016	211718	23	N	1737.5		24.8	-0.4	7.1	2	99	3.04			-0.4	7.1		397414.19	6908505.29	1236
1124844	21/08/2016	211810	23	N	1750		24.8	0.7	4.9	-14	99	3.07			0.7	4.9		397422.74	6908514.75	1237
1124844	21/08/2016	211846	23	N	1762.5		24.8	5.2	9.4	0	99	3.04			5.2	9.4		397430.25	6908525.84	1239
1124844	21/08/2016	212006	23	N	1775		24.8	5.4	14.2	-45	99	3.35			5.4	14.2		397437.75	6908536.33	1237
1124844	21/08/2016	212130	23	N	1787.5		24.8	7.8	18.5	-43	98	3.32			7.8	18.5		397443.94	6908546.76	1236
1124844	21/08/2016	212222	23	N	1800		24.8	7.3	21.9	-18	99	3.1			7.3	21.9		397450.05	6908557.65	1235
1124844	21/08/2016	212302	23	N	1812.5		24.8	5.2	19.4	17	98	3.08			5.2	19.4		397457.81	6908566.98	1231
1124844	21/08/2016	212342	23	N	1825		24.8	0.4	17.1	-48	99	3.39			0.4	17.1		397465.15	6908576.36	1229
1124844	21/08/2016	212434	23	N	1837.5		24.8	-1.9	14.7	-31	99	3.19			-1.9	14.7		397472.71	6908586.59	1228
1124844	21/08/2016	212514	23	N	1850		24.8	-2.5	13.8	-32	99	3.2			-2.5	13.8		397479.12	6908598.04	1225
1124844	21/08/2016	212558	23	N	1862.5		24.8	4.1	18.8	-23	99	3.13			4.1	18.8		397485.26	6908608.56	1223
1124844	21/08/2016	212654	23	N	1875		24.8	1.6	16	-22	99	3.12			1.6	16		397491.28	6908619.64	1221

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	212734	23	N	1887.5		24.8	0.6	12.6	-39	98	3.27			0.6	12.6		397497.69	6908628.89	1220
1124844	21/08/2016	212810	23	N	1900		24.8	4.2	11.4	-12	99	3.07			4.2	11.4		397504.37	6908637.85	1218
1124844	21/08/2016	212910	23	N	1912.5		24.8	17.4	15.7	13	98	3.07			17.4	15.7		397514.33	6908648.08	1217
1124844	21/08/2016	212954	23	N	1925		24.8	12.3	9.7	-38	98	3.26			12.3	9.7		397521.6	6908657.57	1215
1124844	21/08/2016	213058	23	N	1937.5		24.8	21.6	8.8	3	99	3.04	2					397527.41	6908667.97	1215
1124844	21/08/2016	214322	23	N	1937.5		24.8	19.3	7	32	99	3.2			19.3	7		397527.21	6908667.29	1215
1124844	24/08/2016	170754	25	N	0		24.8	-14.8	-7.5	-19	56	3.64	1					396335.9	6906622.07	1060
1124844	24/08/2016	170822	25	N	0		24.8	-14.9	-8	-14	57	3.63			-14.9	-8		396335.89	6906622.01	1060
1124844	24/08/2016	171454	25	N	12.5		24.8	-17.8	-10.6	-17	57	3.71			-17.8	-10.6		396341.89	6906663	1064
1124844	24/08/2016	171606	25	N	25		24.8	-18.9	-12.3	-13	59	3.73			-18.9	-12.3		396350	6906640.3	1071
1124844	24/08/2016	171718	25	N	37.5		24.8	-20.2	-14.9	-7	59	3.67			-20.2	-14.9		396356.23	6906649.28	1081
1124844	24/08/2016	171802	25	N	50		24.8	-23.2	-16.3	-13	59	3.77			-23.2	-16.3		396364.24	6906658.53	1083
1124844	24/08/2016	171938	25	N	62.5		24.8	-22.1	-13.5	-5	63	3.9			-22.1	-13.5		396373.05	6906667.39	1085
1124844	24/08/2016	172018	25	N	75		24.8	-17.8	-9.7	5	63	3.92			-17.8	-9.7		396377.65	6906675.99	1088
1124844	24/08/2016	172038	25	N	75		24.8	-18.4	-9.8	0	62	3.86	1					396378.2	6906677.24	1089
1124844	24/08/2016	172126	25	N	87.5		24.8	-16.9	-8.3	-2	62	3.85			-16.9	-8.3		396383.41	6906686.1	1092
1124844	24/08/2016	172218	25	N	100		24.8	-18.4	-10.4	-3	62	3.84			-18.4	-10.4		396391.39	6906695.23	1094
1124844	24/08/2016	172254	25	N	112.5		24.8	-19.1	-11.6	-17	61	3.94			-19.1	-11.6		396398.25	6906705.97	1095
1124844	24/08/2016	172354	25	N	125		24.8	-22	-13.7	-8	63	3.92			-22	-13.7		396403.79	6906718.23	1097
1124844	24/08/2016	172442	25	N	137.5		24.8	-22.1	-13.8	-11	66	4.15			-22.1	-13.8		396411.92	6906725.9	1100
1124844	24/08/2016	172518	25	N	150		24.8	-19.2	-9.4	-26	65	4.36			-19.2	-9.4		396419.85	6906735.35	1102
1124844	24/08/2016	172606	25	N	162.5		24.8	-18.6	-11.1	-6	68	4.24			-18.6	-11.1		396428.38	6906745.04	1103
1124844	24/08/2016	172706	25	N	175		24.8	-17.1	-10.4	4	70	4.31			-17.1	-10.4		396434.41	6906755.09	1105
1124844	24/08/2016	172806	25	N	187.5		24.8	-14.2	-8.4	-8	72	4.51			-14.2	-8.4		396440.73	6906764.86	1106
1124844	24/08/2016	173122	25	N	200		24.8	-6.6	-2.6	2	68	4.22	1					396448.33	6906773.99	1109
1124844	24/08/2016	173138	25	N	200		24.8	-8.5	-4.2	6	69	4.26			-8.5	-4.2		396448.37	6906774.09	1109
1124844	24/08/2016	173226	25	N	212.5		24.8	-7.9	-3.2	9	67	4.19			-7.9	-3.2		396458.79	6906783.03	1110
1124844	24/08/2016	173314	25	N	225		24.8	-9.9	-5.7	-6	68	4.24			-9.9	-5.7		396463.53	6906792.2	1111
1124844	24/08/2016	173402	25	N	237.5		24.8	-16.9	-12.1	-21	66	4.33			-16.9	-12.1		396469.64	6906802.41	1113
1124844	24/08/2016	173438	25	N	250		24.8	-14.1	-5.8	-47	60	4.73			-14.1	-5.8		396472.49	6906815.44	1115
1124844	24/08/2016	173534	25	N	262.5		24.8	-11.3	-7.6	-3	71	4.37			-11.3	-7.6		396478.79	6906826.11	1114
1124844	24/08/2016	173610	25	N	275		24.8	-12.3	-9.4	-5	72	4.48	1					396486	6906837.14	1116
1124844	24/08/2016	173638	25	N	275		24.8	-10.8	-8.8	-4	73	4.53			-10.8	-8.8		396485.39	6906837.77	1116
1124844	24/08/2016	173854	25	N	287.5		24.8	-6.1	-5.6	1	71	4.39			-6.1	-5.6		396493.67	6906847.17	1117
1124844	24/08/2016	173926	25	N	300		24.8	-3.6	-5.8	12	72	4.49			-3.6	-5.8		396500.57	6906856.77	1119
1124844	24/08/2016	173954	25	N	312.5		24.8	-6.2	-9.5	0	74	4.57			-6.2	-9.5		396508.15	6906866.47	1120
1124844	24/08/2016	174026	25	N	325		24.8	2.2	-3.1	-1	76	4.7			2.2	-3.1		396516.21	6906877.45	1120
1124844	24/08/2016	174110	25	N	337.5		24.8	11.9	3.4	-2	72	4.47			11.9	3.4		396523.51	6906886.6	1119
1124844	24/08/2016	174138	25	N	350		24.8	8.5	-2.2	-7	71	4.43			8.5	-2.2		396531.86	6906897.11	1120
1124844	24/08/2016	174206	25	N	362.5		24.8	17	6	-1	71	4.39			17	6		396539.15	6906907.64	1121
1124844	24/08/2016	174234	25	N	375		24.8	14.9	2.9	-5	69	4.25			14.9	2.9		396546.9	6906918.48	1121
1124844	24/08/2016	174334	25	N	387.5		24.8	15.3	3.3	-9	65	4.09			15.3	3.3		396553.32	6906925.84	1121
1124844	24/08/2016	174350	25	N	387.5		24.8	15.8	2.6	-6	65	4.03	1					396553.31	6906925.81	1121
1124844	24/08/2016	174410	25	N	387.5		24.8	14.3	1.8	-10	66	4.16	2					396553.29	6906925.79	1121
1124844	24/08/2016	174442	25	N	400		24.8	12.3	-0.1	-9	63	3.97			12.3	-0.1		396561.87	6906936.24	1120
1124844	24/08/2016	174502	25	N	400		24.8	11.3	-1.8	-13	65	4.09	1					396561.67	6906935.69	1120
1124844	24/08/2016	174530	25	N	412.5		24.8	13.1	-0.1	-4	66	4.07			13.1	-0.1		396570.65	6906943.91	1120
1124844	24/08/2016	174618	25	N	425		24.8	13.5	-0.1	1	65	4.02			13.5	-0.1		396576.69	6906955.25	1118
1124844	24/08/2016	174658	25	N	437.5		24.8	14.5	2.6	-7	61	3.83			14.5	2.6		396583.35	6906963.67	1118
1124844	24/08/2016	174734	25	N	450		24.8	14.9	4.9	-8	64	3.99			14.9	4.9		396589.98	6906974.81	1117
1124844	24/08/2016	174806	25	N	462.5		24.8	15.4	7.5	-17	62	3.99			15.4	7.5		396597.49	6906983.58	1117
1124844	24/08/2016	174838	25	N	475		24.8	10.6	4.9	-34	53	3.93			10.6	4.9		396604.27	6906993.18	1116
1124844	24/08/2016	174926	25	N	487.5		24.8	9	2.1	-8	61	3.79			9	2.1		396610.95	6907003.26	1114
1124844	24/08/2016	174958	25	N	500		24.8	7.1	2.5	-12	61	3.84			7.1	2.5		396615.72	6907014.74	1113
1124844	24/08/2016	175018	25	N	500		24.8	6.8	1.3	-5	61	3.78	1					396616.19	6907014.93	1113
1124844	24/08/2016	175058	25	N	512.5		24.8	6	1.8	2	61	3.77			6	1.8		396623.11	6907026.02	1112
1124844	24/08/2016	175118	25	N	512.5		24.8	4.3	-0.3	1	62	3.83	1					396623.52	6907026.16	1112
1124844	24/08/2016	175158	25	N	525		24.8	4.3	2.2	-7	63	3.91			4.3	2.2		396630.63	6907035.98	1111
1124844	24/08/2016	175218	25	N	525		24.8	5.3	3.6	-16	62	3.98	1					396630.92	6907035.85	1111
1124844	24/08/2016	175322	25	N	537.5		24.8	7.1	6	-11	62	3.91			7.1	6		396638.18	6907044.62	1110
1124844	24/08/2016	175338	25	N	537.5		24.8	6.3	5.6	-13	62	3.93	2					396638.34	6907044.59	1109
1124844	24/08/2016	175358	25	N	537.5		24.8	4.8	3.6	-7	62	3.89	1					396637.97	6907044.7	1109
1124844	24/08/2016	175434	25	N	550		24.8	7.9	8.7	-13	61	3.88			7.9	8.7		396646.71	6907057.13	1107
1124844	24/08/2016	175502	25	N	562.5		24.8	9.7	11.7	-11	61	3.85			9.7	11.7		396654.13	6907066.57	1106
1124844	24/08/2016	175534	25	N	575		24.8	8.1	11.5	-14	60	3.82			8.1	11.5		396659.56	6907076.49	1105
1124844	24/08/2016	175618	25	N	587.5		24.8	7.6	11.4	-1	59	3.65			7.6	11.4		396667.53	6907085.27	1103

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	175638	25	N	587.5		24.8	6.2	10.7	-3	59	3.67	2					396667.55	6907085.44	1102
1124844	24/08/2016	175654	25	N	587.5		24.8	7.3	12.4	-3	58	3.62	1					396667.63	6907085.56	1102
1124844	24/08/2016	175734	25	N	600		24.8	4.2	10.9	-4	58	3.61			4.2	10.9		396674.85	6907095.65	1100
1124844	24/08/2016	175750	25	N	600		24.8	3.5	10.1	-9	59	3.68	1					396674.94	6907095.42	1101
1124844	24/08/2016	175822	25	N	612.5		24.8	0.9	9	-2	59	3.67			0.9	9		396680.89	6907105.93	1099
1124844	24/08/2016	175910	25	N	625		24.8	-0.4	10.1	-16	59	3.8			-0.4	10.1		396687.2	6907116.25	1099
1124844	24/08/2016	175958	25	N	637.5		24.8	-2.7	9	-13	58	3.68	1					396696.33	6907125.98	1098
1124844	24/08/2016	180034	25	N	637.5		24.8	-1.5	10.3	-7	59	3.71			-1.5	10.3		396696.27	6907126.23	1098
1124844	24/08/2016	180110	25	N	650		24.8	-2.9	10.4	-12	59	3.72			-2.9	10.4		396703.62	6907135.43	1097
1124844	24/08/2016	180142	25	N	662.5		24.8	-3.5	10.8	-1	60	3.74			-3.5	10.8		396712.03	6907146.19	1097
1124844	24/08/2016	180214	25	N	675		24.8	-6.7	9.3	-3	59	3.67			-6.7	9.3		396719.38	6907155.8	1097
1124844	24/08/2016	180254	25	N	687.5		24.8	-8.3	11.1	-19	59	3.86			-8.3	11.1		396725.82	6907165.21	1096
1124844	24/08/2016	180326	25	N	700		24.8	-10.4	11.2	-16	59	3.81			-10.4	11.2		396731.05	6907176.43	1097
1124844	24/08/2016	180402	25	N	712.5		24.8	-17.2	6.3	-18	58	3.78			-17.2	6.3		396738.59	6907188.15	1097
1124844	24/08/2016	180442	25	N	725		24.8	-16.1	9.1	-15	62	3.94			-16.1	9.1		396741.5	6907199.9	1097
1124844	24/08/2016	180626	25	N	737.5		24.8	-18.5	7.4	-12	63	3.96			-18.5	7.4		396750.51	6907208.77	1097
1124844	24/08/2016	180702	25	N	750		24.8	-19.2	5.5	-4	65	4.05	1					396758.54	6907218.31	1098
1124844	24/08/2016	180718	25	N	750		24.8	-19.6	5.1	4	63	3.92			-19.6	5.1		396758.56	6907218.61	1099
1124844	24/08/2016	180750	25	N	762.5		24.8	-17.4	6.4	0	66	4.09			-17.4	6.4		396766.15	6907227.09	1100
1124844	24/08/2016	180826	25	N	775		24.8	-15.5	7.1	-14	66	4.21			-15.5	7.1		396771.47	6907238.66	1102
1124844	24/08/2016	180906	25	N	787.5		24.8	-11.2	7.2	-3	66	4.09			-11.2	7.2		396780.28	6907248.59	1103
1124844	24/08/2016	180946	25	N	800		24.8	-7.5	7.4	-7	68	4.21			-7.5	7.4		396785.1	6907256.66	1104
1124844	24/08/2016	181022	25	N	812.5		24.8	-4.4	7.1	0	67	4.14			-4.4	7.1		396791.97	6907268.95	1105
1124844	24/08/2016	181126	25	N	825		24.8	-3.6	6.8	-16	65	4.14			-3.6	6.8		396799.59	6907279.66	1107
1124844	24/08/2016	181158	25	N	837.5		24.8	-5.2	4.1	-20	64	4.13			-5.2	4.1		396806.1	6907289.13	1108
1124844	24/08/2016	181230	25	N	850		24.8	-1.8	6.1	-9	65	4.08			-1.8	6.1		396811.87	6907300.14	1110
1124844	24/08/2016	181306	25	N	862.5		24.8	-2.5	5.3	-6	65	4.06			-2.5	5.3		396820.32	6907309.38	1110
1124844	24/08/2016	181350	25	N	875		24.8	-3.8	4.8	-2	64	3.98			-3.8	4.8		396829	6907319.21	1110
1124844	24/08/2016	181426	25	N	887.5		24.8	-4.9	5.5	-24	63	4.16			-4.9	5.5		396834.58	6907329.69	1112
1124844	24/08/2016	181534	25	N	900		24.8	-7	3.9	-2	64	3.98			-7	3.9		396842.4	6907340	1112
1124844	24/08/2016	181614	25	N	912.5		24.8	-8.6	4.8	-2	64	3.97			-8.6	4.8		396847.81	6907347.27	1114
1124844	24/08/2016	181654	25	N	925		24.8	-10.5	2.7	5	65	4.01			-10.5	2.7		396857.2	6907357.27	1114
1124844	24/08/2016	181734	25	N	937.5		24.8	-12.3	0.7	23	63	4.14			-12.3	0.7		396868.17	6907365.95	1115
1124844	24/08/2016	181802	25	N	937.5		24.8	-13	2.1	-3	69	4.25	1					396867.49	6907366.53	1115
1124844	24/08/2016	181858	25	N	950		24.8	-14.6	0.1	-6	66	4.13			-14.6	0.1		396873.3	6907376.49	1117
1124844	24/08/2016	182006	25	N	962.5		24.8	-13.6	-2	0	69	4.25			-13.6	-2		396879.48	6907385.89	1117
1124844	24/08/2016	182042	25	N	975		24.8	-12.1	-2.6	-6	69	4.31			-12.1	-2.6		396885.7	6907394.12	1119
1124844	24/08/2016	182122	25	N	987.5		24.8	-10.7	-5.1	-16	70	4.48			-10.7	-5.1		396892.93	6907404.09	1122
1124844	24/08/2016	182238	25	N	1000		24.8	-5.8	-7.1	19	68	4.37			-5.8	-7.1		396899.48	6907415.15	1123
1124844	24/08/2016	182334	25	N	1012.5		24.8	-4	-9.1	12	69	4.31			-4	-9.1		396906.51	6907424.29	1126
1124844	24/08/2016	182414	25	N	1025		24.8	-2.8	-8.9	-29	69	4.6			-2.8	-8.9		396910.78	6907435.84	1127
1124844	24/08/2016	182454	25	N	1037.5		24.8	0.1	-10.8	-19	69	4.42			0.1	-10.8		396914.32	6907447.81	1130
1124844	24/08/2016	182526	25	N	1050		24.8	2.8	-11.2	-12	71	4.47			2.8	-11.2		396919.11	6907458.38	1131
1124844	24/08/2016	182602	25	N	1062.5		24.8	5.8	-12.3	-2	70	4.36			5.8	-12.3		396924.51	6907471.55	1132
1124844	24/08/2016	182638	25	N	1075		24.8	8	-12.4	-2	69	4.27	1					396932.14	6907480.94	1134
1124844	24/08/2016	182658	25	N	1075		24.8	7.8	-13.1	-1	71	4.4			7.8	-13.1		396932.57	6907481.24	1133
1124844	24/08/2016	182738	25	N	1087.5		24.8	8.5	-12.5	-14	69	4.38			8.5	-12.5		396940.05	6907489.44	1136
1124844	24/08/2016	182826	25	N	1100		24.8	14.6	-10.3	-8	66	4.14			14.6	-10.3		396947.46	6907500.29	1138
1124844	24/08/2016	183038	25	N	1112.5		24.8	15.4	-10.3	9	65	4.06			15.4	-10.3		396953.85	6907509.95	1140
1124844	24/08/2016	183122	25	N	1125		24.8	14.4	-9	-7	64	3.97			14.4	-9		396962.16	6907519.17	1140
1124844	24/08/2016	183210	25	N	1137.5		24.8	13.3	-8	-8	62	3.89			13.3	-8		396969.57	6907526.91	1141
1124844	24/08/2016	183242	25	N	1137.5		24.8	13.2	-8	-7	62	3.87	1					396970.22	6907527.24	1142
1124844	24/08/2016	183318	25	N	1150		24.8	10.3	-8.7	1	62	3.84			10.3	-8.7		396977.53	6907538.03	1143
1124844	24/08/2016	183406	25	N	1162.5		24.8	6.6	-7.6	1	60	3.69			6.6	-7.6		396984.69	6907552.22	1146
1124844	24/08/2016	183426	25	N	1162.5		24.8	6.6	-8.9	8	59	3.71			6.6	-8.9		396984.98	6907552.32	1145
1124844	24/08/2016	183530	25	N	1175		24.8	2.4	-6.5	-6	59	3.67	1					396997.25	6907566.74	1147
1124844	24/08/2016	183602	25	N	1187.5		24.8	-0.4	-6.4	0	59	3.67			-0.4	-6.4		397005.78	6907574.51	1149
1124844	24/08/2016	183642	25	N	1200		24.8	-3.5	-6.8	15	59	3.76			-3.5	-6.8		397014.13	6907583.7	1150
1124844	24/08/2016	183702	25	N	1200		24.8	-6.4	-8.3	-3	61	3.79	1					397013.27	6907583.94	1149
1124844	24/08/2016	183742	25	N	1212.5		24.8	-6.8	-6.7	3	62	3.84			-6.8	-6.7		397020.41	6907592.78	1151
1124844	24/08/2016	183758	25	N	1212.5		24.8	-7	-7.5	4	62	3.88	1					397020.73	6907592.06	1150
1124844	24/08/2016	183946	25	N	1225		24.8	-6.3	-3.4	-4	61	3.8			-6.3	-3.4		397029.12	6907604.37	1153
1124844	24/08/2016	184026	25	N	1237.5		24.8	-5.8	0.4	-14	62	3.96			-5.8	0.4		397033.9	6907613.41	1155
1124844	24/08/2016	184110	25	N	1250		24.8	-4.5	3.5	-25	59	3.98			-4.5	3.5		397040.6	6907622.22	1156
1124844	24/08/2016	184154	25	N	1262.5		24.8	-9.2	1.1	-12	61	3.85			-9.2	1.1		397046.08	6907634.04	1158
1124844	24/08/2016	184234	25	N	1275		24.8	-12.5	0.2	-15	61	3.87			-12.5	0.2		397052.91	6907643.81	1158

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	184314	25	N	1287.5		24.8	-15.1	-0.5	-23	59	3.94			-15.1	-0.5		397058.69	6907654.06	1160
1124844	24/08/2016	184702	25	N	1300		24.8	-16.5	-2.3	-20	61	3.95			-16.5	-2.3		397067.31	6907665.42	1162
1124844	24/08/2016	184722	25	N	1300		24.8	-19.1	-3.8	-22	61	3.99	1					397067.1	6907665.24	1162
1124844	24/08/2016	184754	25	N	1312.5		24.8	-23.1	-7.4	-11	63	3.94			-23.1	-7.4		397071.24	6907671.34	1162
1124844	24/08/2016	184842	25	N	1325		24.8	-24.7	-8.2	-20	65	4.22			-24.7	-8.2		397079.17	6907679.93	1163
1124844	24/08/2016	184938	25	N	1337.5		24.8	-26.1	-9.7	-3	69	4.27	1					397087.1	6907689.87	1165
1124844	24/08/2016	184958	25	N	1337.5		24.8	-25.4	-9.6	-1	70	4.31			-25.4	-9.6		397086.88	6907688.96	1165
1124844	24/08/2016	185038	25	N	1350		24.8	-19.2	-4.8	7	72	4.46			-19.2	-4.8		397094.78	6907698.33	1166
1124844	24/08/2016	185130	25	N	1362.5		24.8	-20.8	-7.4	5	75	4.66						397103.91	6907705.31	1167
1124844	24/08/2016	185150	25	N	1362.5		24.8	-17.5	-4.2	10	76	4.73	1					397104.49	6907706.5	1167
1124844	24/08/2016	185206	25	N	1362.5		24.8	-17	-4.5	18	77	4.89			-17	-4.5		397103.53	6907706.72	1167
1124844	24/08/2016	185254	25	N	1375		24.8	-11.4	-1.6	6	81	5			-11.4	-1.6		397112.86	6907714.23	1169
1124844	24/08/2016	185434	25	N	1387.5		24.8	13.6	13.9	0	81	4.98			13.6	13.9		397117.99	6907725.95	1169
1124844	24/08/2016	185518	25	N	1400		24.8	18.5	19.5	7	69	4.3			18.5	19.5		397124.16	6907735.94	1170
1124844	24/08/2016	185550	25	N	1412.5		24.8	13.6	13.9	0	68	4.21			13.6	13.9		397129.23	6907746.65	1172
1124844	24/08/2016	185630	25	N	1425		24.8	12.9	15.1	-5	64	3.98			12.9	15.1		397136.97	6907757.42	1172
1124844	24/08/2016	185706	25	N	1437.5		24.8	8.3	11.9	-5	63	3.93			8.3	11.9		397142.86	6907765.83	1173
1124844	24/08/2016	185750	25	N	1450		24.8	9	14.6	0	62	3.86			9	14.6		397150.26	6907777.41	1174
1124844	24/08/2016	185830	25	N	1462.5		24.8	2.9	11.9	-24	58	3.91			2.9	11.9		397159.23	6907786.35	1174
1124844	24/08/2016	185914	25	N	1475		24.8	-0.1	11.1	-8	60	3.74			-0.1	11.1		397163.51	6907798.73	1176
1124844	24/08/2016	185950	25	N	1487.5		24.8	-1.5	10.3	-15	58	3.72			-1.5	10.3		397169.64	6907808.31	1174
1124844	24/08/2016	190050	25	N	1500		24.8	-8.4	6.1	0	61	3.76			-8.4	6.1		397176.18	6907820.22	1176
1124844	24/08/2016	190150	25	N	1512.5		24.8	-13.8	3	-4	61	3.78			-13.8	3		397185.34	6907826.36	1176
1124844	24/08/2016	190254	25	N	1525		24.8	-16.3	1	2	61	3.79	1					397193.81	6907833.46	1175
1124844	24/08/2016	190318	25	N	1525		24.8	-18.3	-0.1	-1	61	3.75			-18.3	-0.1		397194.49	6907832.65	1174
1124844	24/08/2016	190434	25	N	1537.5		24.8	-18.7	1.4	8	63	3.91	1					397202.18	6907845.99	1176
1124844	24/08/2016	190454	25	N	1537.5		24.8	-19.4	0.3	0	65	4			-19.4	0.3		397202.46	6907845.24	1175
1124844	24/08/2016	190546	25	N	1550		24.8	-22.1	1.4	-11	66	4.12			-22.1	1.4		397211.95	6907854.91	1175
1124844	24/08/2016	190614	25	N	1550		24.8	-21	2.2	-9	64	4.02	1					397212.1	6907852.68	1178
1124844	24/08/2016	190846	25	N	1562.5		24.8	-19	4.7	-6	67	4.14			-19	4.7		397217.46	6907864.08	1178
1124844	24/08/2016	190930	25	N	1575		24.8	-16.4	9.6	-12	69	4.34			-16.4	9.6		397226.41	6907875.17	1177
1124844	24/08/2016	191010	25	N	1587.5		24.8	-12.9	13	-12	70	4.4	1					397229.2	6907884.15	1178
1124844	24/08/2016	191030	25	N	1587.5		24.8	-12.1	13.3	-7	69	4.31			-12.1	13.3		397229.17	6907883.31	1177
1124844	24/08/2016	191106	25	N	1600		24.8	-7.6	17.5	9	66	4.1			-7.6	17.5		397234.41	6907895.93	1178
1124844	24/08/2016	191154	25	N	1612.5		24.8	-12.3	11	15	66	4.17			-12.3	11		397246.35	6907903.09	1178
1124844	24/08/2016	191250	25	N	1625		24.8	-11.6	9.4	14	66	4.21			-11.6	9.4		397248.67	6907913.97	1177
1124844	24/08/2016	191330	25	N	1637.5		24.8	-11.8	9.8	22	64	4.19			-11.8	9.8		397258.16	6907922.26	1178
1124844	24/08/2016	191418	25	N	1650		24.8	-12.9	9.7	11	66	4.13			-12.9	9.7		397264.92	6907933.48	1178
1124844	24/08/2016	191450	25	N	1662.5		24.8	-14	8.5	13	67	4.24			-14	8.5		397270.64	6907943.61	1178
1124844	24/08/2016	191550	25	N	1675		24.8	-10.1	11.1	4	71	4.4			-10.1	11.1		397277.25	6907953.88	1177
1124844	24/08/2016	191622	25	N	1687.5		24.8	-13.3	7.8	12	70	4.37			-13.3	7.8		397282.97	6907965	1177
1124844	24/08/2016	191642	25	N	1687.5		24.8	-13.5	8.3	1	71	4.36	1					397282.9	6907965.52	1178
1124844	24/08/2016	191714	25	N	1700		24.8	-12.8	5.5	21	70	4.52			-12.8	5.5		397289.69	6907974.76	1179
1124844	24/08/2016	191758	25	N	1712.5		24.8	-7.2	8.8	27	70	4.65			-7.2	8.8		397299.91	6907983.59	1177
1124844	24/08/2016	191834	25	N	1725		24.8	-8.1	5.4	31	69	4.71			-8.1	5.4		397307.02	6907992.28	1177
1124844	24/08/2016	191950	25	N	1737.5		24.8	-3.1	5.7	9	75	4.66			-3.1	5.7		397312.13	6908006.09	1177
1124844	24/08/2016	192026	25	N	1750		24.8	-3.1	2.1	18	73	4.68			-3.1	2.1		397317.47	6908014.64	1178
1124844	24/08/2016	192106	25	N	1762.5		24.8	-0.5	-2.7	5	81	4.99			-0.5	-2.7		397326.94	6908025.43	1179
1124844	24/08/2016	192122	25	N	1762.5		24.8	-3.9	-4	-3	80	4.95	2					397326.8	6908025.12	1178
1124844	24/08/2016	192138	25	N	1762.5		24.8	-2.1	-4.1	9	80	4.95	1					397326.86	6908025.02	1178
1124844	24/08/2016	192222	25	N	1775		24.8	14.5	0.4	29	79	5.22			14.5	0.4		397334.17	6908034.45	1179
1124844	24/08/2016	192310	25	N	1787.5		24.8	21.5	0.9	23	74	4.82			21.5	0.9		397338.79	6908044.2	1178
1124844	24/08/2016	192330	25	N	1787.5		24.8	20.6	0.4	20	76	4.84	1					397338.78	6908044.44	1179
1124844	24/08/2016	192406	25	N	1800		24.8	27	0.8	7	69	4.29	1					397345.28	6908053.25	1180
1124844	24/08/2016	192426	25	N	1800		24.8	23.5	-1.4	15	69	4.37			23.5	-1.4		397344.86	6908053.28	1181
1124844	24/08/2016	192454	25	N	1812.5		24.8	21.2	-7.1	23	66	4.32	1					397350.82	6908062.44	1181
1124844	24/08/2016	192510	25	N	1812.5		24.8	20.7	-7.7	21	66	4.27			20.7	-7.7		397351.26	6908061.99	1180
1124844	24/08/2016	192546	25	N	1825		24.8	18.4	-12.8	13	68	4.26			18.4	-12.8		397361.54	6908073.96	1181
1124844	24/08/2016	192602	25	N	1825		24.8	14.2	-14.3	4	71	4.37	1					397360.98	6908075.35	1186
1124844	24/08/2016	192650	25	N	1837.5		24.8	21.5	-8.2	6	70	4.37	1					397370.1	6908083.48	1183
1124844	24/08/2016	192706	25	N	1837.5		24.8	19.9	-8.7	-2	70	4.35			19.9	-8.7		397369.64	6908083.67	1182
1124844	24/08/2016	192738	25	N	1850		24.8	20.1	-9.6	-8	67	4.17	1					397372.53	6908095.1	1185
1124844	24/08/2016	192806	25	N	1850		24.8	20.4	-10.2	0	67	4.14			20.4	-10.2		397372.3	6908094.56	1184
1124844	24/08/2016	192846	25	N	1862.5		24.8	17.1	-13.5	11	66	4.11			17.1	-13.5		397383.28	6908103.3	1185
1124844	24/08/2016	192922	25	N	1875		24.8	12.3	-14.8	16	67	4.25			12.3	-14.8		397392.62	6908109.24	1184
1124844	24/08/2016	192942	25	N	1875		24.8	11.6	-15.1	7	69	4.31	1					397392.42	6908109.72	1185

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	193126	25	N	1887.5		24.8	18.6	-8.4	-17	66	4.22			18.6	-8.4		397397.43	6908118.58	1183
1124844	24/08/2016	193206	25	N	1900		24.8	20.5	-8.9	0	67	4.13			20.5	-8.9		397405.26	6908127.91	1183
1124844	24/08/2016	193246	25	N	1912.5		24.8	20.2	-7	3	66	4.08			20.2	-7		397413.38	6908139.53	1184
1124844	24/08/2016	193322	25	N	1925		24.8	20.8	-5.5	-8	63	3.92			20.8	-5.5		397420.81	6908148.88	1186
1124844	24/08/2016	193410	25	N	1937.5		24.8	15	-7.2	-19	62	4.03	1					397425.77	6908160.27	1186
1124844	24/08/2016	193438	25	N	1937.5		24.8	16.7	-7.5	4	64	3.95			16.7	-7.5		397425.52	6908159.86	1189
1124844	24/08/2016	193514	25	N	1950		24.8	15.7	-9.1	15	62	3.95			15.7	-9.1		397429.56	6908171.77	1190
1124844	24/08/2016	193558	25	N	1962.5		24.8	17.6	-2.4	0	63	3.92			17.6	-2.4		397432.56	6908184.52	1191
1124844	24/08/2016	193626	25	N	1975		24.8	19.5	-1.5	-4	62	3.82	1					397432.86	6908185.11	1191
1124844	24/08/2016	193642	25	N	1975		24.8	19.4	-2.7	5	61	3.82			19.4	-2.7		397433.02	6908184.95	1191
1124844	24/08/2016	193718	25	N	1987.5		24.8	16.9	-4.7	1	61	3.77			16.9	-4.7		397437.22	6908194.05	1192
1124844	24/08/2016	193754	25	N	2000		24.8	11.3	-8.1	-5	61	3.78			11.3	-8.1		397444.07	6908206.9	1192
1124844	24/08/2016	193834	25	N	2012.5		24.8	8.6	-10.7	11	61	3.82			8.6	-10.7		397449.93	6908217.36	1195
1124844	24/08/2016	193906	25	N	2025		24.8	3.6	-13.7	13	62	3.94			3.6	-13.7		397459.49	6908224.23	1194
1124844	24/08/2016	193942	25	N	2037.5		24.8	0.9	-11.5	-4	65	4.04			0.9	-11.5		397466.66	6908233.86	1195
1124844	24/08/2016	194018	25	N	2050		24.8	-1.2	-13.7	-2	66	4.12			-1.2	-13.7		397472.31	6908244.53	1195
1124844	24/08/2016	194106	25	N	2062.5		24.8	10.1	-4.8	14	68	4.31			10.1	-4.8		397484.23	6908254.83	1196
1124844	24/08/2016	194158	25	N	2075		24.8	19.4	1	16	66	4.19			19.4	1		397489.44	6908263.86	1195
1124844	24/08/2016	194234	25	N	2087.5		24.8	20.7	0.9	16	60	3.88			20.7	0.9		397500.73	6908271.99	1195
1124844	24/08/2016	194458	25	N	2100		24.8	16.8	0	-10	63	3.95			16.8	0		397504.88	6908281.06	1198
1124844	24/08/2016	194654	25	N	2112.5		24.8	14.1	-1.2	-5	63	3.92			14.1	-1.2		397510.57	6908289.44	1196
1124844	24/08/2016	194726	25	N	2125		24.8	12.7	-1.3	-9	64	3.98			12.7	-1.3		397513.9	6908301.93	1197
1124844	24/08/2016	194754	25	N	2137.5		24.8	12.7	-1	5	65	4.02			12.7	-1		397522.93	6908311.86	1197
1124844	24/08/2016	194826	25	N	2150		24.8	16.4	2.9	4	61	3.82			16.4	2.9		397529.24	6908320.84	1198
1124844	24/08/2016	194854	25	N	2162.5		24.8	14	-0.3	22	60	3.98	1					397539.23	6908330.19	1197
1124844	24/08/2016	194910	25	N	2162.5		24.8	14.4	0.1	18	62	4.01			14.4	0.1		397539.4	6908330.41	1197
1124844	24/08/2016	194946	25	N	2175		24.8	14.5	0.9	5	64	3.98			14.5	0.9		397546.64	6908340.62	1197
1124844	24/08/2016	195014	25	N	2187.5		24.8	18.2	8.1	-6	64	3.97			18.2	8.1		397553.69	6908350.2	1196
1124844	24/08/2016	195050	25	N	2200		24.8	17.1	8.7	3	61	3.79			17.1	8.7		397562.55	6908359.73	1196
1124844	24/08/2016	195106	25	N	2200		24.8	14.7	7.5	-2	62	3.83	1					397562.86	6908360.14	1196
1124844	24/08/2016	195134	25	N	2212.5		24.8	15.9	7.6	9	61	3.81			15.9	7.6		397570.24	6908369.5	1195
1124844	24/08/2016	195218	25	N	2225		24.8	13.1	6.3	-10	61	3.82			13.1	6.3		397577.7	6908378.85	1192
1124844	24/08/2016	195246	25	N	2237.5		24.8	13.6	7.9	-15	64	4.05			13.6	7.9		397584.44	6908389.79	1193
1124844	24/08/2016	195314	25	N	2250		24.8	13.5	7.5	-6	63	3.92			13.5	7.5		397588.86	6908399.94	1192
1124844	24/08/2016	195354	25	N	2262.5		24.8	15.5	11.2	-15	58	3.73	1					397591.16	6908412.74	1192
1124844	24/08/2016	195418	25	N	2262.5		24.8	15.7	11.3	-13	58	3.7			15.7	11.3		397590.3	6908413.29	1191
1124844	24/08/2016	195454	25	N	2275		24.8	9.8	5.5	1	61	3.8			9.8	5.5		397597.25	6908423.89	1191
1124844	24/08/2016	195538	25	N	2287.5		24.8	9.2	6.8	-11	63	3.95			9.2	6.8		397604.23	6908434.42	1190
1124844	24/08/2016	195610	25	N	2300		24.8	13.6	11.6	-4	62	3.84			13.6	11.6		397610.33	6908443.99	1189
1124844	24/08/2016	195642	25	N	2312.5		24.8	16.8	15.3	4	58	3.59			16.8	15.3		397619.68	6908452.99	1187
1124844	24/08/2016	195734	25	N	2325		24.8	15.4	15.9	4	57	3.53	1					397629.18	6908461.27	1185
1124844	24/08/2016	195754	25	N	2325		24.8	12.6	13.3	5	58	3.58			12.6	13.3		397629.25	6908461.3	1186
1124844	24/08/2016	195838	25	N	2337.5		24.8	11.8	14	5	57	3.57			11.8	14		397638.82	6908470.98	1185
1124844	24/08/2016	195910	25	N	2350		24.8	7.5	10.5	14	56	3.61			7.5	10.5		397645.02	6908477.29	1182
1124844	24/08/2016	195946	25	N	2362.5		24.8	2.6	6.6	5	59	3.68			2.6	6.6		397653.95	6908486.18	1182
1124844	24/08/2016	200022	25	N	2375		24.8	-1	1.8	-5	64	3.97			-1	1.8		397663.18	6908496.08	1178
1124844	24/08/2016	200106	25	N	2387.5		24.8	2.7	2.3	0	71	4.4			2.7	2.3		397670.67	6908507.81	1177
1124844	24/08/2016	200138	25	N	2400		24.8	13.7	8.5	0	70	4.35			13.7	8.5		397675.16	6908515.84	1176
1124844	24/08/2016	200214	25	N	2412.5		24.8	18.6	10.5	21	63	4.13			18.6	10.5		397681.04	6908526.69	1176
1124844	24/08/2016	200246	25	N	2425		24.8	19.8	9.8	5	64	3.97			19.8	9.8		397688.05	6908537.47	1176
1124844	24/08/2016	200322	25	N	2437.5		24.8	23	10.5	2	63	3.92			23	10.5		397694.19	6908548.39	1174
1124844	24/08/2016	200354	25	N	2450		24.8	21.2	8.1	6	63	3.89			21.2	8.1		397701.6	6908557.71	1172
1124844	24/08/2016	200426	25	N	2462.5		24.8	18	5.2	-3	62	3.85			18	5.2		397706.27	6908564.5	1171
1124844	24/08/2016	200442	25	N	2462.5		24.8	17.3	4.1	-6	61	3.79	1					397706.26	6908564.49	1172
8042731	24/08/2019	170502	27	N	0.00		24.8	10.9	10.9	-19	72	4.64	1					396551.47	6906588.18	1096
8042732	24/08/2020	170522	27	N	0.00		24.8	11	11.9	-19	71	4.57			11	11.9		396551.55	6906588.1	1096
8042733	24/08/2021	170618	27	N	12.50		24.8	7.8	10.3	-27	69	4.56	1					396558.7	6906598.8	1098
8042734	24/08/2022	170646	27	N	12.50		24.8	8.2	10.5	-31	68	4.65	1					396559.26	6906599.71	1098
8042735	24/08/2023	170726	27	N	25.00		24.8	11.2	13	-13	68	4.27			11.2	13		396565.8	6906609.24	1098
8042736	24/08/2024	170810	27	N	37.50		24.8	15.5	16.3	-18	70	4.49			15.5	16.3		396571.85	6906618.85	1102
8042737	24/08/2025	170850	27	N	50.00		24.8	17.2	16.4	-15	71	4.51			17.2	16.4		396579	6906626.85	1103
8042738	24/08/2026	170950	27	N	62.50		24.8	12.5	13.5	-31	71	4.83			12.5	13.5		396586.3	6906638.68	1104
8042739	24/08/2027	171046	27	N	75.00		24.8	8.2	10.2	-22	72	4.64			8.2	10.2		396593.74	6906648.44	1106
8042740	24/08/2028	171125	27	N	87.50		24.8	6.4	10.4	-26	70	4.62			6.4	10.4		396600.84	6906656.75	1107
8042741	24/08/2029	171154	27	N	100.00		24.8	6.4	10.3	-31	71	4.82			6.4	10.3		396600.69	6906656.84	1107
8042742	24/08/2030	171454	27	N	112.50		24.8	-8.9	-12.5	-31	69	4.72			-8.9	-12.5		396606.23	6906669.41	1110

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042743	24/08/2031	171550	27	N	125.00		24.8	-13.1	-15.5	-20	71	4.59			-13.1	-15.5		396613.38	6906678.61	1113
8042744	24/08/2032	171630	27	N	137.50		24.8	-15.9	-17.3	-21	76	4.87			-15.9	-17.3		396620.84	6906688.67	1114
8042745	24/08/2033	171722	27	N	150.00		24.8	-17.4	-18.2	-20	77	4.93			-17.4	-18.2		396626.99	6906698.69	1116
8042746	24/08/2034	171810	27	N	162.50		24.8	-15.3	-16.9	-24	79	5.1			-15.3	-16.9		396632.71	6906709.49	1117
8042747	24/08/2035	171854	27	N	175.00		24.8	-6.8	-10.9	-29	85	5.54			-6.8	-10.9		396638.98	6906720.14	1117
8042748	24/08/2036	171938	27	N	187.50		24.8	2	-4.8	-5	83	5.15			2	-4.8		396648.76	6906729.34	1121
8042749	24/08/2037	172018	27	N	200.00		24.8	7.3	-1.8	-10	83	5.17			7.3	-1.8		396656.42	6906739.78	1121
8042750	24/08/2038	172058	27	N	212.50		24.8	11.2	1	-10	77	4.81			11.2	1		396665.87	6906750.38	1122
8042751	24/08/2039	172146	27	N	225.00		24.8	13.5	3.5	-12	75	4.69			13.5	3.5		396672.54	6906758.88	1124
8042752	24/08/2040	172306	27	N	237.50		24.8	9.9	1.1	-6	74	4.56			9.9	1.1		396677.6	6906767.89	1125
8042753	24/08/2041	172346	27	N	250.00		24.8	8.5	1.5	-6	74	4.61			8.5	1.5		396686.09	6906778.55	1126
8042754	24/08/2042	172454	27	N	262.50		24.8	7.8	2.1	6	71	4.4			7.8	2.1		396696	6906790.69	1127
8042755	24/08/2043	172554	27	N	275.00		24.8	5.9	2.5	5	70	4.36			5.9	2.5		396703.89	6906795.19	1128
8042756	24/08/2044	172654	27	N	287.50		24.8	0.8	-2	-6	68	4.22			0.8	-2		396711.5	6906806.56	1129
8042757	24/08/2045	172730	27	N	300.00		24.8	-2.7	-4.7	-9	70	4.34			-2.7	-4.7		396717.52	6906814.57	1128
8042758	24/08/2046	172902	27	N	312.50		24.8	-1.5	-1.5	-11	73	4.56			-1.5	-1.5		396725.15	6906826.74	1128
8042759	24/08/2047	172942	27	N	325.00		24.8	-0.8	-0.4	-12	72	4.52			-0.8	-0.4		396731.52	6906835.84	1130
8042760	24/08/2048	173046	27	N	337.50		24.8	-0.7	0.1	-17	69	4.41			-0.7	0.1		396737.3	6906847.77	1128
8042761	24/08/2049	173130	27	N	350.00		24.8	0.2	1.6	-12	72	4.53			0.2	1.6		396743.47	6906858.39	1128
8042762	24/08/2050	173222	27	N	362.50		24.8	4	5.3	-20	69	4.47			4	5.3		396749.58	6906868.42	1128
8042763	24/08/2051	173302	27	N	375.00		24.8	4.8	8	-15	70	4.45			4.8	8		396756.69	6906878.93	1128
8042764	24/08/2052	173354	27	N	387.50		24.8	2.4	7.3	-13	67	4.23			2.4	7.3		396763.98	6906891.47	1128
8042765	24/08/2053	173434	27	N	400.00		24.8	1.2	7.5	-14	68	4.33			1.2	7.5		396769.71	6906901.35	1127
8042766	24/08/2054	173518	27	N	412.50		24.8	-1.4	8.4	1	67	4.13			-1.4	8.4		396780.07	6906910.83	1127
8042767	24/08/2055	173602	27	N	425.00		24.8	-4.9	5.2	-9	67	4.17			-4.9	5.2		396786.76	6906918.9	1124
8042768	24/08/2056	173658	27	N	437.50		24.8	-7	4.6	-14	66	4.16			-7	4.6		396793.65	6906929.35	1125
8042769	24/08/2057	173910	27	N	450.00		24.8	-8.4	4.8	-11	65	4.11			-8.4	4.8		396801.41	6906937.87	1126
8042770	24/08/2058	173958	27	N	462.50		24.8	-11.9	2.7	-16	66	4.19			-11.9	2.7		396809.77	6906949.06	1124
8042771	24/08/2059	174038	27	N	475.00		24.8	-13.6	2	-16	65	4.15			-13.6	2		396817.35	6906959.83	1122
8042772	24/08/2060	174118	27	N	487.50		24.8	-16.6	0.8	-18	65	4.21			-16.6	0.8		396824.91	6906969.7	1121
8042773	24/08/2061	174154	27	N	500.00		24.8	-19.3	-1.3	-21	65	4.26			-19.3	-1.3		396830.96	6906981.02	1120
8042774	24/08/2062	174230	27	N	512.50		24.8	-20.9	-1.5	-20	68	4.41			-20.9	-1.5		396836.05	6906991	1118
8042775	24/08/2063	174314	27	N	525.00		24.8	-20.4	0.3	-23	67	4.41			-20.4	0.3		396845.72	6907004.14	1116
8042776	24/08/2064	174346	27	N	537.50		24.8	-20.9	1	-23	69	4.51			-20.9	1		396850.57	6907012.68	1115
8042777	24/08/2065	174430	27	N	550.00		24.8	-19.4	3.2	-21	72	4.65			-19.4	3.2		396858.52	6907023.19	1113
8042778	24/08/2066	174446	27	N	550.00		24.8	-19	3.3	-21	71	4.57	1					396858.37	6907023.48	1113
8042779	24/08/2067	174522	27	N	562.50		24.8	-16	6.4	-23	71	4.62			-16	6.4		396866.54	6907034.27	1113
8042780	24/08/2068	174602	27	N	575.00		24.8	-15.9	8.3	-19	71	4.56			-15.9	8.3		396874.36	6907044.33	1111
8042781	24/08/2069	174642	27	N	587.50		24.8	-16.2	8.7	-21	69	4.47			-16.2	8.7		396883	6907055.84	1109
8042782	24/08/2070	174718	27	N	600.00		24.8	-16.2	9.8	-13	72	4.54			-16.2	9.8		396888.67	6907063.31	1108
8042783	24/08/2071	174750	27	N	612.50		24.8	-15.8	10.8	-16	71	4.51			-15.8	10.8		396895.56	6907071.07	1108
8042784	24/08/2072	174834	27	N	625.00		24.8	-17	10.1	-19	69	4.43			-17	10.1		396902.61	6907081.43	1107
8042785	24/08/2073	174914	27	N	637.50		24.8	-20.1	9.4	-19	67	4.31			-20.1	9.4		396910.38	6907091.82	1105
8042786	24/08/2074	175002	27	N	650.00		24.8	-24.2	6.8	-22	67	4.36			-24.2	6.8		396918.97	6907103.92	1104
8042787	24/08/2075	175050	27	N	662.50		24.8	-26.4	6.6	-12	71	4.46			-26.4	6.6		396924.6	6907112.75	1103
8042788	24/08/2076	175222	27	N	675.00		24.8	-21.8	9	-25	70	4.61			-21.8	9		396930.48	6907121.59	1104
8042789	24/08/2077	175310	27	N	687.50		24.8	-24.8	8	-21	69	4.47			-24.8	8		396938.08	6907131.62	1104
8042790	24/08/2078	175402	27	N	700.00		24.8	-24	6.3	-24	69	4.52			-24	6.3		396945.7	6907142.18	1104
8042791	24/08/2079	175458	27	N	712.50		24.8	-24.1	6.2	-20	72	4.65			-24.1	6.2		396952.36	6907152.84	1103
8042792	24/08/2080	175606	27	N	725.00		24.8	-21.5	6.2	-18	72	4.62			-21.5	6.2		396962.37	6907162.66	1104
8042793	24/08/2081	175642	27	N	737.50		24.8	-21.8	3.9	-20	73	4.66			-21.8	3.9		396968.5	6907171.46	1104
8042794	24/08/2082	175738	27	N	750.00		24.8	-18.5	3.5	-33	71	4.87			-18.5	3.5		396973.78	6907183.18	1104
8042795	24/08/2083	175854	27	N	762.50		24.8	-18.4	3.5	-13	71	4.45			-18.4	3.5		396979.39	6907193.49	1104
8042796	24/08/2084	180138	27	N	775.00		24.8	-16.9	4.3	-13	75	4.72			-16.9	4.3		396986.42	6907202.4	1105
8042797	24/08/2085	180222	27	N	787.50		24.8	-16.3	2.6	-21	70	4.53			-16.3	2.6		396992.87	6907214.07	1105
8042798	24/08/2086	180310	27	N	800.00		24.8	-14.3	2	-43	69	5.02			-14.3	2		397000.41	6907226.11	1105
8042799	24/08/2087	180358	27	N	812.50		24.8	-15.2	1.8	-19	73	4.66			-15.2	1.8		397009.95	6907236.05	1106
8042800	24/08/2088	180438	27	N	825.00		24.8	-16.1	0.9	-14	71	4.51			-16.1	0.9		397016.45	6907246.37	1107
8042801	24/08/2089	180510	27	N	837.50		24.8	-16	0.8	-16	73	4.61			-16	0.8		397022.2	6907254.17	1108
8042802	24/08/2090	180546	27	N	850.00		24.8	-18.2	-0.7	-11	72	4.52			-18.2	-0.7		397028.32	6907262.98	1109
8042803	24/08/2091	180626	27	N	862.50		24.8	-17.7	-0.7	-5	74	4.62			-17.7	-0.7		397036.6	6907273.54	1110
8042804	24/08/2092	180710	27	N	875.00		24.8	-17.1	-3.7	-19	71	4.58			-17.1	-3.7		397045.16	6907285.93	1111
8042805	24/08/2093	180750	27	N	887.50		24.8	-15.5	-4.1	-17	73	4.66			-15.5	-4.1		397052.24	6907297.58	1111
8042806	24/08/2094	180830	27	N	900.00		24.8	-13.9	-4.2	-19	74	4.75			-13.9	-4.2		397057.07	6907304.9	1113
8042807	24/08/2095	180914	27	N	912.50		24.8	-13.9	-6.2	-18	75	4.78			-13.9	-6.2		397063.35	6907314.93	1114
8042808	24/08/2096	181110	27	N	925.00		24.8	-11.2	-7.7	-23	74	4.83			-11.2	-7.7				

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042809	24/08/2097	181150	27	N	937.50		24.8	-10.9	-8.3	-20	75	4.8			-10.9	-8.3		397077.07	6907336.07	1117
8042810	24/08/2098	181246	27	N	950.00		24.8	-10.2	-10	-19	76	4.83			-10.2	-10		397084.99	6907346.82	1118
8042811	24/08/2099	181326	27	N	962.50		24.8	-8.8	-11.4	-29	74	4.9			-8.8	-11.4		397091.61	6907356.14	1119
8042812	24/08/2100	181418	27	N	975.00		24.8	-8.3	-11.9	-9	76	4.74			-8.3	-11.9		397098.49	6907366.52	1119
8042813	24/08/2101	181522	27	N	987.50		24.8	-5.7	-13.6	-21	75	4.82			-5.7	-13.6		397106.3	6907378.65	1120
8042814	24/08/2102	181602	27	N	1000.00		24.8	-5.2	-13.3	-14	77	4.86			-5.2	-13.3		397113.21	6907385.58	1122
8042815	24/08/2103	181722	27	N	1012.50		24.8	-4.2	-14.1	-10	77	4.82			-4.2	-14.1		397121.54	6907394.75	1123
8042816	24/08/2104	181802	27	N	1025.00		24.8	-4.5	-15.1	-12	76	4.74			-4.5	-15.1		397128.49	6907403.99	1124
8042817	24/08/2105	182014	27	N	1037.50		24.8	-5.3	-15.3	-3	75	4.62			-5.3	-15.3		397138.35	6907413.82	1125
8042818	24/08/2106	182050	27	N	1050.00		24.8	-10.9	-18.3	-14	74	4.66			-10.9	-18.3		397147.34	6907426.56	1126
8042819	24/08/2107	182130	27	N	1062.50		24.8	-14.1	-18.5	-14	76	4.76			-14.1	-18.5		397156.47	6907440	1127
8042820	24/08/2108	182158	27	N	1075.00		24.8	-12.9	-16.8	-7	78	4.87			-12.9	-16.8		397161.2	6907445.47	1127
8042821	24/08/2109	182242	27	N	1087.50		24.8	-9.5	-14.4	-26	78	5.07			-9.5	-14.4		397166.23	6907453.84	1128
8042822	24/08/2110	182326	27	N	1100.00		24.8	-5.1	-12.4	-64	64	5.58			-5.1	-12.4		397170.03	6907464.82	1129
8042823	24/08/2111	182406	27	N	1112.50		24.8	-4.6	-11.6	-72	58	5.71			-4.6	-11.6		397172	6907476.13	1131
8042824	24/08/2112	182506	27	N	1125.00		24.8	-7.4	-10.9	-17	75	4.78			-7.4	-10.9		397177.78	6907487.54	1131
8042825	24/08/2113	182602	27	N	1137.50		24.8	-7.7	-11	-15	75	4.72			-7.7	-11		397187.22	6907494.64	1132
8042826	24/08/2114	182702	27	N	1150.00		24.8	-11.2	-15.6	-40	70	5			-11.2	-15.6		397195.19	6907503.4	1136
8042827	24/08/2115	182818	27	N	1162.50		24.8	-13.7	-16.6	-14	77	4.87			-13.7	-16.6		397202.69	6907512.56	1135
8042828	24/08/2116	182906	27	N	1175.00		24.8	-7.9	-12.1	-22	84	5.37			-7.9	-12.1		397210.83	6907522.05	1137
8042829	24/08/2117	183006	27	N	1187.50		24.8	1.8	-8.3	-9	90	5.62			1.8	-8.3		397220.29	6907530.63	1137
8042830	24/08/2118	183042	27	N	1200.00		24.8	25.6	2.4	-29	85	5.58			25.6	2.4		397227.13	6907538.77	1142
8042831	24/08/2119	183118	27	N	1212.50		24.8	31.9	6	-19	75	4.77			31.9	6		397233.83	6907546.35	1142
8042832	24/08/2120	183210	27	N	1225.00		24.8	23.1	2	-3	69	4.28			23.1	2		397243.5	6907557.62	1141
8042833	24/08/2121	183314	27	N	1237.50		24.8	14.8	-1.4	-17	66	4.23			14.8	-1.4		397252.98	6907569.21	1144
8042834	24/08/2122	183350	27	N	1250.00		24.8	11.5	-2.8	-21	65	4.22			11.5	-2.8		397254.9	6907578.28	1144
8042835	24/08/2123	183442	27	N	1262.50		24.8	2.4	-9.4	-35	61	4.37			2.4	-9.4		397263.29	6907593.14	1149
8042836	24/08/2124	183526	27	N	1275.00		24.8	-2.8	-10.5	-15	66	4.19			-2.8	-10.5		397269.93	6907599	1149
8042837	24/08/2125	183618	27	N	1287.50		24.8	-4.9	-10.8	-20	67	4.36			-4.9	-10.8		397274.77	6907609.19	1149
8042838	24/08/2126	183730	27	N	1300.00		24.8	-5.3	-7.8	-30	67	4.56			-5.3	-7.8		397279.72	6907617.12	1149
8042839	24/08/2127	183810	27	N	1312.50		24.8	1.4	0.9	-31	65	4.46			1.4	0.9		397286.36	6907628.7	1150
8042840	24/08/2128	183850	27	N	1325.00		24.8	-2.3	1.1	-17	66	4.2			-2.3	1.1		397293.91	6907639.21	1152
8042841	24/08/2129	184202	27	N	1337.50		24.8	-6.5	0.7	-17	66	4.2			-6.5	0.7		397303.36	6907652.48	1151
8042842	24/08/2130	184238	27	N	1350.00		24.8	-9.1	-0.4	-17	64	4.08			-9.1	-0.4		397307.42	6907660.98	1154
8042843	24/08/2131	184314	27	N	1362.50		24.8	-13	-2.9	-24	64	4.21			-13	-2.9		397314.94	6907668.96	1154
8042844	24/08/2132	184410	27	N	1375.00		24.8	-18.7	-4.4	-5	64	3.99			-18.7	-4.4		397321.12	6907678.17	1156
8042845	24/08/2133	184546	27	N	1387.50		24.8	-20.3	-3.3	-15	69	4.4			-20.3	-3.3		397328.43	6907689.5	1156
8042846	24/08/2134	184638	27	N	1400.00		24.8	-16.9	3	-13	69	4.33			-16.9	3		397337.35	6907700.01	1157
8042847	24/08/2135	184730	27	N	1412.50		24.8	-20.6	1.3	-15	66	4.22			-20.6	1.3		397344.12	6907708.46	1158
8042848	24/08/2136	184854	27	N	1425.00		24.8	-22.7	1.6	-27	65	4.36			-22.7	1.6		397353.93	6907721.94	1159
8042849	24/08/2137	184930	27	N	1437.50		24.8	-23.7	3.3	-24	69	4.56			-23.7	3.3		397359.83	6907730.17	1159
8042850	24/08/2138	185006	27	N	1450.00		24.8	-26.7	1.6	-21	70	4.56			-26.7	1.6		397365.17	6907738.22	1160
8042851	24/08/2139	185058	27	N	1462.50		24.8	-26.8	2.4	-18	74	4.74			-26.8	2.4		397371.82	6907747.7	1160
8042852	24/08/2140	185430	27	N	1475.00		24.8	-23.4	4.8	-15	79	4.97			-23.4	4.8		397381.72	6907759.46	1160
8042853	24/08/2141	185506	27	N	1487.50		24.8	-16.1	8	-19	77	4.93			-16.1	8		397387.85	6907767.53	1161
8042854	24/08/2142	185602	27	N	1500.00		24.8	-16.1	8.2	-24	74	4.83			-16.1	8.2		397396.49	6907778.03	1162
8042855	24/08/2143	185646	27	N	1512.50		24.8	-17.8	8.3	-19	73	4.67			-17.8	8.3		397404.78	6907787.66	1163
8042856	24/08/2144	185742	27	N	1525.00		24.8	-21.9	5.8	-23	70	4.57			-21.9	5.8		397414.57	6907798.97	1163
8042857	24/08/2145	185826	27	N	1537.50		24.8	-25.1	4.7	-19	71	4.52			-25.1	4.7		397421.82	6907807.92	1163
8042858	24/08/2146	185954	27	N	1550.00		24.8	-27.8	5	-18	74	4.7			-27.8	5		397427.16	6907819.74	1163
8042859	24/08/2147	190046	27	N	1562.50		24.8	-31.5	0.5	-28	74	4.87			-31.5	0.5		397433.33	6907830.56	1164
8042860	24/08/2148	190158	27	N	1575.00		24.8	-32.1	0.3	-27	75	4.92			-32.1	0.3		397438.73	6907839.95	1163
8042861	24/08/2149	190238	27	N	1587.50		24.8	-32.1	-0.5	-22	77	4.97			-32.1	-0.5		397444.15	6907851.17	1164
8042862	24/08/2150	190318	27	N	1600.00		24.8	-33	-1.5	-13	81	5.09			-33	-1.5		397449.18	6907859.56	1165
8042863	24/08/2151	190402	27	N	1612.50		24.8	-28.9	-1.9	-18	86	5.45			-28.9	-1.9		397454.96	6907868.31	1166
8042864	24/08/2152	190502	27	N	1625.00		24.8	-17	0.6	-10	89	5.53			-17	0.6		397464.37	6907880.06	1165
8042865	24/08/2153	190542	27	N	1637.50		24.8	-11.9	-0.7	-16	88	5.51			-11.9	-0.7		397471.71	6907888.68	1167
8042866	24/08/2154	190630	27	N	1650.00		24.8	-9.1	-5.4	-16	87	5.46			-9.1	-5.4		397481.5	6907902.15	1166
8042867	24/08/2155	190714	27	N	1662.50		24.8	-8.4	-10.3	-23	87	5.59			-8.4	-10.3		397487.54	6907913.07	1167
8042868	24/08/2156	190758	27	N	1675.00		24.8	-6	-12.2	-30	87	5.69			-6	-12.2		397492.63	6907920.43	1167
8042869	24/08/2157	190846	27	N	1687.50		24.8	1.6	-10.7	-22	89	5.69			1.6	-10.7		397501.88	6907931.02	1168
8042870	24/08/2158	190922	27	N	1700.00		24.8	6.1	-11	-24	92	5.86			6.1	-11		397509.18	6907939.57	1166
8042871	24/08/2159	191006	27	N	1712.50		24.8	11.3	-11.4	-33	84	5.59			11.3	-11.4		397516.95	6907951.39	1166
8042872	24/08/2160	191042	27	N	1725.00		24.8	10	-12.7	-28	85	5.54			10	-12.7		397522.83	6907960.55	1167
8042873	24/08/2161	191134	27	N	1737.50		24.8	10.7	-12.3	-19	86	5.46			10.7	-12.3		397530.36	6907969.36	1168
8042874	24/08/2162	191206</																		

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042875	24/08/2163	191242	27	N	1762.50		24.8	17.7	-9.2	-24	85	5.49			17.7	-9.2		397544.66	6907987.22	1168
8042876	24/08/2164	191330	27	N	1775.00		24.8	23.2	-6.9	-39	80	5.49			23.2	-6.9		397553.32	6907998.07	1168
8042877	24/08/2165	191402	27	N	1787.50		24.8	27.8	-3.4	-35	76	5.21			27.8	-3.4		397559.73	6908008.43	1169
8042878	24/08/2166	191442	27	N	1800.00		24.8	26.6	-3.8	-35	72	4.97			26.6	-3.8		397566.14	6908017.95	1169
8042879	24/08/2167	191526	27	N	1812.50		24.8	26.3	-2.9	-33	69	4.74			26.3	-2.9		397572.55	6908028.88	1171
8042880	24/08/2168	191614	27	N	1825.00		24.8	21.7	-4.4	-30	69	4.64			21.7	-4.4		397579.85	6908038.73	1171
8042881	24/08/2169	191702	27	N	1837.50		24.8	20.3	-3.1	-40	63	4.64			20.3	-3.1		397587.57	6908050.5	1171
8042882	24/08/2170	191738	27	N	1850.00		24.8	16	-5	-30	65	4.41			16	-5		397595.66	6908059.94	1171
8042883	24/08/2171	191810	27	N	1862.50		24.8	10.6	-7.2	-28	64	4.35			10.6	-7.2		397600.89	6908068.8	1171
8042884	24/08/2172	191902	27	N	1875.00		24.8	3	-9.3	-29	67	4.53			3	-9.3		397611.47	6908084.71	1172
8042885	24/08/2173	191934	27	N	1887.50		24.8	1.8	-7.4	-25	67	4.46			1.8	-7.4		397616.54	6908091.81	1168
8042886	24/08/2174	192018	27	N	1900.00		24.8	-1.7	-9.1	-33	69	4.73			-1.7	-9.1		397623.13	6908101.93	1169
8042887	24/08/2175	192058	27	N	1912.50		24.8	3.5	-3.8	-37	70	4.89			3.5	-3.8		397630.55	6908113.68	1168
8042888	24/08/2176	192138	27	N	1925.00		24.8	-0.8	-7.1	-31	68	4.62			-0.8	-7.1		397636.12	6908127.58	1170
8042889	24/08/2177	192210	27	N	1937.50		24.8	-1.1	-6.7	-33	70	4.79			-1.1	-6.7		397639.61	6908134.35	1168
8042890	24/08/2178	192254	27	N	1950.00		24.8	3	-1.7	-22	73	4.73			3	-1.7		397648.22	6908142.71	1171
8042891	24/08/2179	192334	27	N	1962.50		24.8	9.5	4.2	-28	73	4.84			9.5	4.2		397651.36	6908153.04	1168
8042892	24/08/2180	192414	27	N	1975.00		24.8	10.8	8	-18	67	4.28			10.8	8		397662.35	6908165.12	1167
8042893	24/08/2181	192450	27	N	1987.50		24.8	5.5	4.2	-29	63	4.3			5.5	4.2		397669.15	6908173.76	1163
8042894	24/08/2182	192530	27	N	2000.00		24.8	0.5	1	-24	63	4.21			0.5	1		397676	6908183.83	1165
8042895	24/08/2183	192606	27	N	2012.50		24.8	-4.3	-2.5	-30	64	4.38			-4.3	-2.5		397682.6	6908195.09	1162
8042896	24/08/2184	192638	27	N	2025.00		24.8	-7.7	-4.1	-22	67	4.35			-7.7	-4.1		397688.57	6908205.32	1165
8042897	24/08/2185	192802	27	N	2037.50		24.8	-10.6	-4.9	-9	71	4.44			-10.6	-4.9		397698.57	6908218.03	1163
8042898	24/08/2186	192846	27	N	2050.00		24.8	-3.8	-1.7	-29	73	4.86			-3.8	-1.7		397707.09	6908224.93	1163
8042899	24/08/2187	192914	27	N	2062.50		24.8	4.3	5	-19	75	4.79			4.3	5		397711.79	6908231	1159
8042900	24/08/2188	193002	27	N	2075.00		24.8	8.3	7.3	-24	73	4.73			8.3	7.3		397716.63	6908239.5	1158
8042901	24/08/2189	193046	27	N	2087.50		24.8	13.2	11.3	-20	71	4.59			13.2	11.3		397722.82	6908247.87	1156
8042902	24/08/2190	193130	27	N	2100.00		24.8	15.2	13.9	-18	66	4.26			15.2	13.9		397731.41	6908262.05	1158
8042903	24/08/2191	193206	27	N	2112.50		24.8	13.4	13.9	-13	65	4.09			13.4	13.9		397737.7	6908270.36	1158
8042904	24/08/2192	193254	27	N	2125.00		24.8	9.1	10	-22	61	4.05			9.1	10		397744.18	6908281.12	1158
8042905	24/08/2193	193434	27	N	2137.50		24.8	2.7	4.9	-29	60	4.12			2.7	4.9		397751.52	6908293.29	1156
8042906	24/08/2194	193510	27	N	2150.00		24.8	-1.6	1.8	-34	61	4.33			-1.6	1.8		397759.03	6908304.82	1154
8042907	24/08/2195	193558	27	N	2162.50		24.8	-0.8	4.1	-20	64	4.13			-0.8	4.1		397765.09	6908314.85	1157
8042908	24/08/2196	193658	27	N	2175.00		24.8	-5.8	0.3	-21	64	4.16			-5.8	0.3		397774.06	6908327.18	1154
8042909	24/08/2197	193738	27	N	2187.50		24.8	-8.4	-2.7	-16	68	4.34			-8.4	-2.7		397782.31	6908338.7	1154
8042910	24/08/2198	193810	27	N	2200.00		24.8	-3.8	-0.8	-19	71	4.56			-3.8	-0.8		397789.56	6908346.21	1152
8042911	24/08/2199	193846	27	N	2212.50		24.8	-3.5	-1.4	-15	73	4.59			-3.5	-1.4		397795.94	6908352.28	1149
8042912	24/08/2200	193926	27	N	2225.00		24.8	-3.1	-5.1	-26	78	5.11			-3.1	-5.1		397804.13	6908363.63	1149
8042913	24/08/2201	194018	27	N	2237.50		24.8	17.2	5	-24	75	4.9			17.2	5		397814.48	6908376.51	1147
8042914	24/08/2202	194050	27	N	2250.00		24.8	19.7	4.9	-24	72	4.71			19.7	4.9		397819.13	6908384.27	1147
8042915	24/08/2203	194130	27	N	2262.50		24.8	24.3	5	-29	70	4.71			24.3	5		397828.65	6908396.62	1144
8042916	24/08/2204	194218	27	N	2275.00		24.8	26	5.5	-22	69	4.47			26	5.5		397834.28	6908407.36	1144
8042917	24/08/2205	194246	27	N	2287.50		24.8	28.9	7.2	-19	67	4.29			28.9	7.2		397840.21	6908416.16	1142
8042918	24/08/2206	194318	27	N	2300.00		24.8	29.5	6.2	-23	63	4.15			29.5	6.2		397845.93	6908422.61	1139
8042919	24/08/2207	194350	27	N	2312.50		24.8	29.2	6.1	-19	63	4.06			29.2	6.1		397852.28	6908431.67	1139
8042920	24/08/2208	194422	27	N	2325.00		24.8	28	5.9	-14	61	3.87			28	5.9		397861.43	6908442.01	1137
8042921	24/08/2209	194442	27	N	2325.00		24.8	27.6	4.4	-15	62	3.97	1					397861.45	6908441.62	1137
1124844	24/08/2016	234238	29	N	0.00		24.8	-7.2	-7.4	-2	98	3.03	1					396649.84	6906425.4	1095
1124844	24/08/2016	234310	29	N	0.00		24.8	-7.9	-6.1	24	98	3.11	1					396649.41	6906425.27	1095
1124844	24/08/2016	234330	29	N	0.00		24.8	-6.9	-6.2	15	98	3.06			-6.9	-6.2		396649.4	6906425.23	1095
1124844	24/08/2016	234202	29	N	12.50		24.8	-11.5	-5.7	55	93	3.33			-11.5	-5.7		396654.74	6906430.36	1092
1124844	24/08/2016	234102	29	N	25.00		24.8	-10.8	-10.4	-23	98	3.11			-10.8	-10.4		396664.8	6906440.9	1091
1124844	24/08/2016	234014	29	N	37.50		24.8	-10.1	-8.2	37	98	3.24			-10.1	-8.2		396673.17	6906450.2	1093
1124844	24/08/2016	233858	29	N	50.00		24.8	-10.8	-11.9	-46	98	3.35	1					396681.44	6906459.61	1098
1124844	24/08/2016	233914	29	N	50.00		24.8	-12.9	-12.7	-43	98	3.3	1					396680.9	6906458.77	1098
1124844	24/08/2016	233938	29	N	50.00		24.8	-13.8	-12.3	15	98	3.07			-13.8	-12.3		396680.57	6906459.83	1097
1124844	24/08/2016	233822	29	N	62.50		24.8	-11.4	-11.8	-47	98	3.37			-11.4	-11.8		396684.6	6906471.54	1102
1124844	24/08/2016	233750	29	N	75.00		24.8	-9.6	-8.4	4	98	3.03			-9.6	-8.4		396691.29	6906482.45	1105
1124844	24/08/2016	233702	29	N	87.50		24.8	-13.7	-11.5	29	98	3.16	1					396697.53	6906489.78	1108
1124844	24/08/2016	233722	29	N	87.50		24.8	-7.4	-8	23	98	3.12			-7.4	-8		396697.48	6906489.17	1106
1124844	24/08/2016	233626	29	N	100.00		24.8	-10.5	-10.5	38	98	3.26			-10.5	-10.5		396707.8	6906498.04	1114
1124844	24/08/2016	233426	29	N	112.50		24.8	-18.5	-18.8	3	98	3.03	1					396715.04	6906506.11	1115
1124844	24/08/2016	233450	29	N	112.50		24.8	-18.3	-18.5	10	98	3.05			-18.3	-18.5		396715.19	6906504.27	1114
1124844	24/08/2016	233354	29	N	125.00		24.8	-22	-20.3	27	98	3.14			-22	-20.3		396719.5	6906516.28	1117
1124844	24/08/2016	233306	29	N	137.50		24.8	-11.3	-10.1	0	98	3.03			-11.3	-10.1		396724.74	6906526.78	1118
1124844	24/08/2016	233322	29	N	137.50		24.8	-10.9	-10	-13	98	3.06	1					396724.55		

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	232234	29	N	150.00		24.8	-18.4	-15.6	11	98	3.05			-18.4	-15.6		396732.92	6906537.93	1120
1124844	24/08/2016	233150	29	N	162.50		24.8	-19.7	-14	15	98	3.07			-19.7	-14		396742.39	6906545.17	1123
1124844	24/08/2016	233118	29	N	175.00		24.8	-12.5	-7.9	18	98	3.09			-12.5	-7.9		396748.53	6906555.45	1125
1124844	24/08/2016	233046	29	N	187.50		24.8	-10	-4.6	21	98	3.1			-10	-4.6		396756.56	6906565.81	1127
1124844	24/08/2016	233014	29	N	200.00		24.8	-10	-6.1	25	98	3.13			-10	-6.1		396764.33	6906577.51	1129
1124844	24/08/2016	232946	29	N	212.50		24.8	-15.9	-11.6	25	98	3.13			-15.9	-11.6		396770.35	6906588.31	1130
1124844	24/08/2016	232850	29	N	225.00		24.8	-11.2	-6.4	71	97	3.71	1					396776.68	6906597.84	1131
1124844	24/08/2016	232910	29	N	225.00		24.8	-11.2	-5.4	72	97	3.72			-11.2	-5.4		396776.72	6906597.13	1131
1124844	24/08/2016	232754	29	N	237.50		24.8	-17.1	-12	15	98	3.07			-17.1	-12		396788.87	6906604.28	1132
1124844	24/08/2016	232722	29	N	250.00		24.8	-17.7	-9.8	14	98	3.06			-17.7	-9.8		396797.16	6906613.99	1134
1124844	24/08/2016	232650	29	N	262.50		24.8	-16.9	-9.4	3	98	3.03			-16.9	-9.4		396803.05	6906624.09	1135
1124844	24/08/2016	232618	29	N	275.00		24.8	-16.9	-8.7	28	98	3.16			-16.9	-8.7		396809.15	6906634.04	1136
1124844	24/08/2016	232550	29	N	287.50		24.8	-15.9	-10.7	28	98	3.16			-15.9	-10.7		396813.66	6906643.94	1137
1124844	24/08/2016	232518	29	N	300.00		24.8	-11.1	-3.3	-6	98	3.04			-11.1	-3.3		396819.04	6906657.49	1137
1124844	24/08/2016	232450	29	N	312.50		24.8	-9.3	-2.7	21	98	3.1			-9.3	-2.7		396827.4	6906668.25	1138
1124844	24/08/2016	232426	29	N	325.00		24.8	-12.8	-7.8	9	98	3.05			-12.8	-7.8		396834.62	6906676.18	1140
1124844	24/08/2016	232354	29	N	337.50		24.8	-10.7	-5.7	-1	98	3.03			-10.7	-5.7		396837.79	6906690.17	1142
1124844	24/08/2016	232250	29	N	350.00		24.8	-10.3	-0.2	17	98	3.08			-10.3	-0.2		396845.82	6906700.1	1144
1124844	24/08/2016	232150	29	N	362.50		24.8	-8	1.6	44	98	3.33			-8	1.6		396854.09	6906707.23	1145
1124844	24/08/2016	232102	29	N	375.00		24.8	-10.5	-0.8	53	98	3.46			-10.5	-0.8		396864.46	6906710.71	1147
1124844	24/08/2016	232006	29	N	387.50		24.8	-14.3	-2.5	14	98	3.07	1					396875.33	6906720.57	1152
1124844	24/08/2016	232022	29	N	387.50		24.8	-12.6	-2.8	16	98	3.08			-12.6	-2.8		396874.69	6906720.4	1151
1124844	24/08/2016	231934	29	N	400.00		24.8	-11.9	-2.9	3	98	3.04			-11.9	-2.9		396882.05	6906732.11	1151
1124844	24/08/2016	231858	29	N	412.50		24.8	-16.3	-4.1	-13	98	3.06			-16.3	-4.1		396889.17	6906741.48	1151
1124844	24/08/2016	231826	29	N	425.00		24.8	-18.1	-4.8	4	98	3.03			-18.1	-4.8		396894.23	6906753.02	1149
1124844	24/08/2016	231742	29	N	437.50		24.8	-14.4	-2.4	-38	98	3.26			-14.4	-2.4		396900.27	6906763.67	1149
1124844	24/08/2016	231654	29	N	450.00		24.8	-14.8	-2.6	-36	98	3.23			-14.8	-2.6		396903.58	6906776.96	1147
1124844	24/08/2016	231622	29	N	462.50		24.8	-10.1	5.2	-2	98	3.03			-10.1	5.2		396911.85	6906786.68	1147
1124844	24/08/2016	231550	29	N	475.00		24.8	-9.6	7.3	23	98	3.12			-9.6	7.3		396917.19	6906797.35	1145
1124844	24/08/2016	231518	29	N	487.50		24.8	-11.2	3.5	10	98	3.05			-11.2	3.5		396925.74	6906806.78	1145
1124844	24/08/2016	231438	29	N	500.00		24.8	-11.9	2.2	9	98	3.05			-11.9	2.2		396932.68	6906817.13	1144
1124844	24/08/2016	231406	29	N	512.50		24.8	-11.8	3.7	7	98	3.04			-11.8	3.7		396940.95	6906826.1	1143
1124844	24/08/2016	231146	29	N	525.00		24.8	-6.6	8.9	8	98	3.05			-6.6	8.9		396946.72	6906835.51	1141
1124844	24/08/2016	231022	29	N	537.50		24.8	-3.8	12.3	10	98	3.06			-3.8	12.3		396955.49	6906845.93	1140
1124844	24/08/2016	230942	29	N	550.00		24.8	4.8	18.1	-16	98	3.07			4.8	18.1		396963.52	6906856.67	1138
1124844	24/08/2016	230910	29	N	562.50		24.8	-0.5	15.6	1	98	3.03			-0.5	15.6		396967.06	6906866.95	1136
1124844	24/08/2016	230838	29	N	575.00		24.8	0.3	12.4	-52	98	3.43			0.3	12.4		396976.22	6906876.38	1135
1124844	24/08/2016	230806	29	N	587.50		24.8	2	17.6	-8	98	3.04			2	17.6		396983.04	6906886.95	1133
1124844	24/08/2016	230722	29	N	600.00		24.8	1.1	19.5	2	98	3.03			1.1	19.5		396990.98	6906896.01	1131
1124844	24/08/2016	230642	29	N	612.50		24.8	0.3	18.2	-24	98	3.13			0.3	18.2		397001.2	6906904.41	1129
1124844	24/08/2016	230606	29	N	625.00		24.8	-0.4	17.4	13	98	3.06			-0.4	17.4		397005.6	6906916.65	1128
1124844	24/08/2016	230530	29	N	637.50		24.8	-4.3	14	24	98	3.13			-4.3	14		397014.3	6906923.74	1126
1124844	24/08/2016	230446	29	N	650.00		24.8	-7	9.1	-17	98	3.08			-7	9.1		397024.57	6906931.78	1124
1124844	24/08/2016	230414	29	N	662.50		24.8	-8.7	8.1	-35	98	3.23			-8.7	8.1		397031.9	6906941.59	1122
1124844	24/08/2016	230326	29	N	675.00		24.8	0	14	-36	98	3.23			0	14		397038.1	6906951.89	1120
1124844	24/08/2016	230250	29	N	687.50		24.8	-5.7	14.5	-22	98	3.11			-5.7	14.5		397042.91	6906962.8	1118
1124844	24/08/2016	230218	29	N	700.00		24.8	-7.5	13.1	0	98	3.03			-7.5	13.1		397050.16	6906974.12	1116
1124844	24/08/2016	230146	29	N	712.50		24.8	-10.6	9	-10	98	3.05			-10.6	9		397058.16	6906982.17	1114
1124844	24/08/2016	230050	29	N	725.00		24.8	-11.9	7.8	-20	98	3.1			-11.9	7.8		397064.14	6906993.62	1114
1124844	24/08/2016	230014	29	N	737.50		24.8	-14.3	7.1	8	98	3.05			-14.3	7.1		397071.57	6907004.74	1113
1124844	24/08/2016	225934	29	N	750.00		24.8	-13.8	5.4	-12	98	3.06			-13.8	5.4		397077.34	6907014.93	1112
1124844	24/08/2016	225906	29	N	762.50		24.8	-15.1	7.6	23	98	3.12			-15.1	7.6		397082.25	6907025.45	1110
1124844	24/08/2016	225834	29	N	775.00		24.8	-16.6	4.2	28	98	3.16			-16.6	4.2		397088.68	6907037.69	1109
1124844	24/08/2016	225754	29	N	787.50		24.8	-17.3	2.8	4	98	3.04			-17.3	2.8		397094.86	6907047.65	1109
1124844	24/08/2016	225722	29	N	800.00		24.8	-15	2.7	53	98	3.45			-15	2.7		397105.88	6907056.1	1108
1124844	24/08/2016	225630	29	N	812.50		24.8	-16.3	0	-16	98	3.08	2					397114.12	6907063.29	1108
1124844	24/08/2016	225654	29	N	812.50		24.8	-10.9	3.7	13	98	3.06			-10.9	3.7		397114.13	6907063.43	1108
1124844	24/08/2016	225558	29	N	825.00		24.8	-16.9	0.8	21	98	3.1			-16.9	0.8		397121.74	6907074.49	1108
1124844	24/08/2016	225318	29	N	837.50		24.8	-14.6	-1.3	-36	98	3.24	2					397149.05	6907071.35	1110
1124844	24/08/2016	225434	29	N	837.50		24.8	-15.3	0.3	36	98	3.23			-15.3	0.3		397129.27	6907083.47	1109
1124844	24/08/2016	225042	29	N	850.00		24.8	-8.5	1.7	-38	98	3.25			-8.5	1.7		397147.61	6907084.54	1109
1124844	24/08/2016	224902	29	N	862.50		24.8	-5.1	-0.8	-87	98	4.05			-5.1	-0.8		397151.18	6907095.18	1108
1124844	24/08/2016	224758	29	N	875.00		24.8	-3.8	2.1	-24	98	3.13			-3.8	2.1		397155.89	6907106.58	1109
1124844	24/08/2016	224706	29	N	887.50		24.8	-6.4	-1.7	-86	95	3.95			-6.4	-1.7		397162.41	6907118.96	1110
1124844	24/08/2016	224634	29	N	900.00		24.8	-5.8	-1.2	-60	98	3.56			-5.8	-1.2		397161.23	6907130.39	1109
1124844	24/08/2016	224602	29	N	912.50		24.8	-5.3	-0.3	-30	98	3.18			-5.3	-0.3				

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	224502	29	N	925.00		24.8	-17.1	-4	25	98	3.14			-17.1	-4		397172.42	6907153.07	1111
1124844	24/08/2016	224410	29	N	937.50		24.8	-17.8	-4.2	20	98	3.1			-17.8	-4.2		397181.68	6907160.81	1111
1124844	24/08/2016	224430	29	N	937.50		24.8	-18	-4	24	98	3.13	1					397180.91	6907160.71	1110
1124844	24/08/2016	224318	29	N	950.00		24.8	-22.3	-5.5	5	98	3.04			-22.3	-5.5		397190.27	6907169.24	1110
1124844	24/08/2016	224234	29	N	962.50		24.8	-24.3	-5.3	4	98	3.04			-24.3	-5.3		397200.21	6907177.04	1111
1124844	24/08/2016	224138	29	N	975.00		24.8	-22.1	-5.2	23	98	3.12			-22.1	-5.2		397206.21	6907188.12	1112
1124844	24/08/2016	224110	29	N	987.50		24.8	-28.6	-6.7	-1	98	3.03			-28.6	-6.7		397209.93	6907198.94	1112
1124844	24/08/2016	224030	29	N	1000.00		24.8	-27.9	-5.6	6	98	3.04			-27.9	-5.6		397218.55	6907210.21	1113
1124844	24/08/2016	223958	29	N	1012.50		24.8	-19.8	-0.7	22	98	3.11			-19.8	-0.7		397229.24	6907217.76	1113
1124844	24/08/2016	223918	29	N	1025.00		24.8	-28.6	-6	1	98	3.03			-28.6	-6		397235.66	6907228.72	1114
1124844	24/08/2016	223826	29	N	1037.50		24.8	-19.7	-1.6	60	98	3.56	1					397242.38	6907237.81	1116
1124844	24/08/2016	223846	29	N	1037.50		24.8	-23.1	-3.1	60	98	3.57			-23.1	-3.1		397242.06	6907237.61	1115
1124844	24/08/2016	223758	29	N	1050.00		24.8	-22.3	-4.1	52	98	3.44			-22.3	-4.1		397248.88	6907246.63	1115
1124844	24/08/2016	223658	29	N	1062.50		24.8	-24.8	-7.4	29	98	3.17			-24.8	-7.4		397254.13	6907258.41	1120
1124844	24/08/2016	223610	29	N	1075.00		24.8	-20.8	-9.5	22	98	3.12			-20.8	-9.5		397259.87	6907266.78	1116
1124844	24/08/2016	223534	29	N	1087.50		24.8	-10.6	-9.8	6	98	3.04			-10.6	-9.8		397269.98	6907275.25	1119
1124844	24/08/2016	223458	29	N	1100.00		24.8	1.4	-10.3	-10	98	3.05			1.4	-10.3		397275.1	6907287.59	1121
1124844	24/08/2016	223410	29	N	1112.50		24.8	-2.9	-13.4	19	98	3.09			-2.9	-13.4		397282.17	6907297.34	1122
1124844	24/08/2016	223342	29	N	1125.00		24.8	3.1	-11.9	22	98	3.11			3.1	-11.9		397290.31	6907306.7	1123
1124844	24/08/2016	223314	29	N	1137.50		24.8	9.5	-9	46	98	3.35			9.5	-9		397297.44	6907316.23	1125
1124844	24/08/2016	223238	29	N	1150.00		24.8	9.4	-11.7	15	98	3.07			9.4	-11.7		397306.22	6907326.89	1123
1124844	24/08/2016	223210	29	N	1162.50		24.8	8	-11.3	32	98	3.19			8	-11.3		397312.62	6907336.21	1125
1124844	24/08/2016	223118	29	N	1175.00		24.8	4.2	-14.2	10	98	3.05			4.2	-14.2		397320.86	6907346.86	1130
1124844	24/08/2016	223002	29	N	1187.50		24.8	0.6	-18	-5	98	3.04			0.6	-18		397325.22	6907354.41	1126
1124844	24/08/2016	222922	29	N	1200.00		24.8	-5.4	-23.4	9	99	3.05			-5.4	-23.4		397332.77	6907365.96	1131
1124844	24/08/2016	222838	29	N	1212.50		24.8	-1.4	-20.9	12	98	3.06			-1.4	-20.9		397339.77	6907376.24	1131
1124844	24/08/2016	222810	29	N	1225.00		24.8	-3	-20.2	39	98	3.27			-3	-20.2		397348.42	6907386.07	1134
1124844	24/08/2016	222742	29	N	1237.50		24.8	3.7	-17.7	26	98	3.15			3.7	-17.7		397355.76	6907396.73	1136
1124844	24/08/2016	222710	29	N	1250.00		24.8	12.8	-8.4	26	98	3.15			12.8	-8.4		397361.32	6907405.36	1139
1124844	24/08/2016	222642	29	N	1262.50		24.8	16.9	-2.8	18	98	3.09			16.9	-2.8		397369.31	6907415.25	1141
1124844	24/08/2016	222606	29	N	1275.00		24.8	11.4	-5.8	23	98	3.12			11.4	-5.8		397377.88	6907423.98	1145
1124844	24/08/2016	222502	29	N	1287.50		24.8	10.6	-5.1	7	98	3.03			10.6	-5.1		397385.22	6907432.94	1146
1124844	24/08/2016	222522	29	N	1287.50		24.8	10.3	-4.6	20	98	3.09	1					397386.43	6907433.51	1153
1124844	24/08/2016	222538	29	N	1287.50		24.8	9.9	-4.2	22	98	3.11	1					397386.54	6907433.33	1152
1124844	24/08/2016	222434	29	N	1300.00		24.8	2.6	-10.8	-12	98	3.06			2.6	-10.8		397389.28	6907443.5	1149
1124844	24/08/2016	222358	29	N	1312.50		24.8	-3.3	-13.7	-1	98	3.01			-3.3	-13.7		397397.08	6907452.94	1152
1124844	24/08/2016	222326	29	N	1325.00		24.8	-8.9	-14.1	21	98	3.1			-8.9	-14.1		397404.38	6907463.4	1156
1124844	24/08/2016	222214	29	N	1337.50		24.8	-14.6	-17.8	6	98	3.04	1					397410.76	6907473.96	1157
1124844	24/08/2016	222234	29	N	1337.50		24.8	-13.9	-16.7	20	98	3.1	2					397410.7	6907473.48	1157
1124844	24/08/2016	222250	29	N	1337.50		24.8	-14	-16.9	7	98	3.03			-14	-16.9		397410.94	6907473.35	1156
1124844	24/08/2016	222022	29	N	1350.00		24.8	-19	-16.1	0	98	3.04			-19	-16.1		397419.73	6907482.34	1163
1124844	24/08/2016	221950	29	N	1362.50		24.8	-16	-12.4	-46	97	3.34			-16	-12.4		397425.06	6907492.09	1165
1124844	24/08/2016	221918	29	N	1375.00		24.8	-22.3	-14.2	2	98	3.04			-22.3	-14.2		397431.04	6907503.6	1168
1124844	24/08/2016	221850	29	N	1387.50		24.8	-27.2	-18.2	-27	98	3.15			-27.2	-18.2		397437.64	6907513.95	1166
1124844	24/08/2016	221726	29	N	1400.00		24.8	-37.2	-22.8	12	98	3.06			-37.2	-22.8		397445.83	6907523.06	1168
1124844	24/08/2016	221658	29	N	1412.50		24.8	-43.9	-26.2	2	98	3.04			-43.9	-26.2		397452.67	6907532.59	1168
1124844	24/08/2016	221622	29	N	1425.00		24.8	-34.7	-10.1	11	98	3.06			-34.7	-10.1		397460.51	6907544.65	1169
1124844	24/08/2016	221550	29	N	1437.50		24.8	-12.8	7.8	-14	98	3.07			-12.8	7.8		397467.52	6907553.92	1168
1124844	24/08/2016	221518	29	N	1450.00		24.8	-10.1	5	-10	98	3.05			-10.1	5		397475.7	6907564.72	1169
1124844	24/08/2016	221442	29	N	1462.50		24.8	-14.7	0.4	-19	98	3.09			-14.7	0.4		397481.51	6907575.19	1169
1124844	24/08/2016	221414	29	N	1475.00		24.8	-12.4	1.8	-12	98	3.06			-12.4	1.8		397485.69	6907586.7	1171
1124844	24/08/2016	221346	29	N	1487.50		24.8	-18.1	-1.8	13	98	3.06			-18.1	-1.8		397494.17	6907596.87	1172
1124844	24/08/2016	221226	29	N	1500.00		24.8	-16.2	3.1	-11	98	3.05			-16.2	3.1		397501.89	6907606.19	1172
1124844	24/08/2016	221122	29	N	1512.50		24.8	-12.1	9.8	0	98	3.04			-12.1	9.8		397509	6907615.9	1169
1124844	24/08/2016	221142	29	N	1512.50		24.8	-12.8	10.4	-4	98	3.04	1					397509.01	6907615.87	1169
1124844	24/08/2016	220910	29	N	1525.00		24.8	-10	13.9	4	98	3.04			-10	13.9		397517.55	6907627.65	1172
1124844	24/08/2016	220814	29	N	1537.50		24.8	-12.8	9.9	-14	98	3.07			-12.8	9.9		397523.95	6907635.7	1172
1124844	24/08/2016	220738	29	N	1550.00		24.8	-18.2	7	-6	98	3.04			-18.2	7		397531.91	6907645.86	1172
1124844	24/08/2016	220658	29	N	1562.50		24.8	-20.4	4.6	-24	98	3.12			-20.4	4.6		397539.56	6907656.65	1172
1124844	24/08/2016	220610	29	N	1575.00		24.8	-25	3.5	-5	98	3.04			-25	3.5		397546.85	6907666.45	1172
1124844	24/08/2016	220630	29	N	1575.00		24.8	-22.3	4.5	-5	98	3.04	1					397547.05	6907666.43	1172
1124844	24/08/2016	220538	29	N	1587.50		24.8	-29.6	2.5	-18	98	3.09			-29.6	2.5		397554.49	6907676.86	1173
1124844	24/08/2016	220506	29	N	1600.00		24.8	-29.3	2.3	-18	98	3.09			-29.3	2.3		397561.54	6907687.2	1173
1124844	24/08/2016	220438	29	N	1612.50		24.8	-39.9	-3.3	-6	98	3.04			-39.9	-3.3		397570.42	6907696.38	1173
1124844	24/08/2016	220406	29	N	1625.00		24.8	-32.5	8.2	9	98	3.05			-32.5	8.2		397576.2	6907708.04	1173
1124844	24/08/2016	220334	29	N	1637.50		24.8	-29.7	10.2											

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	220306	29	N	1650.00		24.8	-36.2	3.3	24	98	3.12			-36.2	3.3		397589.71	6907730.12	1173
1124844	24/08/2016	220214	29	N	1662.50		24.8	-46.5	-5.2	-1	98	3.03			-46.5	-5.2		397596.09	6907740.32	1172
1124844	24/08/2016	220138	29	N	1675.00		24.8	-55.5	-12.6	14	98	3.07			-55.5	-12.6		397604.19	6907750.53	1172
1124844	24/08/2016	220110	29	N	1687.50		24.8	-18.9	8.4	15	98	3.07			-18.9	8.4		397612.14	6907760.11	1171
1124844	24/08/2016	220034	29	N	1700.00		24.8	-5.8	10.4	51	98	3.42			-5.8	10.4		397620.93	6907769.89	1171
1124844	24/08/2016	220006	29	N	1712.50		24.8	-2.6	1.8	16	98	3.08			-2.6	1.8		397628.13	6907780.66	1170
1124844	24/08/2016	215934	29	N	1725.00		24.8	9.9	3.9	25	98	3.13			9.9	3.9		397635.74	6907791.24	1169
1124844	24/08/2016	215906	29	N	1737.50		24.8	15	0.8	-18	98	3.08			15	0.8		397642.74	6907801.02	1167
1124844	24/08/2016	215806	29	N	1750.00		24.8	18.6	-0.3	10	98	3.05			18.6	-0.3		397651.29	6907813.38	1167
1124844	24/08/2016	215722	29	N	1762.50		24.8	31.5	3.9	-15	98	3.07			31.5	3.9		397658.47	6907823.63	1168
1124844	24/08/2016	215646	29	N	1775.00		24.8	36.9	6.6	11	98	3.06			36.9	6.6		397664.55	6907832.11	1167
1124844	24/08/2016	215614	29	N	1787.50		24.8	32.1	2.2	22	98	3.11			32.1	2.2		397671.83	6907844.27	1167
1124844	24/08/2016	215542	29	N	1800.00		24.8	35.7	0.4	14	98	3.07			35.7	0.4		397679.66	6907853.79	1165
1124844	24/08/2016	215442	29	N	1812.50		24.8	49.8	13	-2	98	3.04			49.8	13		397687.73	6907862.72	1163
1124844	24/08/2016	215346	29	N	1825.00		24.8	41.8	6.6	-13	98	3.06	1					397694.55	6907872.45	1161
1124844	24/08/2016	215406	29	N	1825.00		24.8	44	7.8	-14	98	3.07			44	7.8		397694.33	6907872.27	1161
1124844	24/08/2016	215246	29	N	1837.50		24.8	40.7	5.4	-7	98	3.04			40.7	5.4		397702.88	6907883.79	1160
1124844	24/08/2016	215210	29	N	1850.00		24.8	40.8	4	6	98	3.04			40.8	4		397709.9	6907894.08	1157
1124844	24/08/2016	215130	29	N	1862.50		24.8	37.1	3.1	-15	98	3.07			37.1	3.1		397717.4	6907903.88	1153
1124844	24/08/2016	215042	29	N	1875.00		24.8	44.7	9.3	-3	98	3.03			44.7	9.3		397725.39	6907912.63	1150
1124844	24/08/2016	214942	29	N	1887.50		24.8	50.1	17.5	-11	98	3.06			50.1	17.5		397731.5	6907923.45	1150
1124844	24/08/2016	214842	29	N	1900.00		24.8	42.5	16.3	5	98	3.04			42.5	16.3		397739.24	6907932.41	1147
1124844	24/08/2016	214902	29	N	1900.00		24.8	44.3	16.9	-5	98	3.04	1					397740.29	6907931.65	1148
1124844	24/08/2016	214754	29	N	1912.50		24.8	38.2	14.2	4	98	3.04			38.2	14.2		397747.78	6907941.87	1144
1124844	24/08/2016	214714	29	N	1925.00		24.8	29.3	9	19	98	3.09			29.3	9		397755.81	6907951.3	1140
1124844	24/08/2016	214618	29	N	1937.50		24.8	32.8	11.4	-5	98	3.04			32.8	11.4		397763.04	6907959.68	1138
1124844	24/08/2016	214506	29	N	1950.00		24.8	25.7	8.7	22	98	3.11			25.7	8.7		397767.91	6907973.4	1134
1124844	24/08/2016	214526	29	N	1950.00		24.8	25.9	9.2	21	98	3.11	1					397768.42	6907973.33	1135
1124844	24/08/2016	213954	29	N	1962.50		24.8	23.8	8.9	-51	98	3.43	1					397776.01	6907983.44	1136
1124844	24/08/2016	214010	29	N	1962.50		24.8	26.4	9.5	-55	98	3.48	1					397776.12	6907982.42	1133
1124844	24/08/2016	214042	29	N	1962.50		24.8	25.8	11.3	-4	98	3.04			25.8	11.3		397776.16	6907981.98	1132
1124844	24/08/2016	213914	29	N	1975.00		24.8	22.7	8.8	-8	98	3.04			22.7	8.8		397781.65	6907991.07	1134
1124844	24/08/2016	213838	29	N	1987.50		24.8	19.8	9.4	11	98	3.06			19.8	9.4		397789.55	6908002.6	1135
1124844	24/08/2016	213738	29	N	2000.00		24.8	23	14	-8	98	3.04			23	14		397796.98	6908012.75	1135
1124844	24/08/2016	213758	29	N	2000.00		24.8	18.5	10.7	-14	98	3.07	1					397797.56	6908011.14	1134
1124844	24/08/2016	213702	29	N	2012.50		24.8	12.1	7.8	8	98	3.05			12.1	7.8		397805.16	6908022.43	1132
1124844	24/08/2016	213622	29	N	2025.00		24.8	12.6	8.1	-15	98	3.07			12.6	8.1		397813.44	6908031.59	1133
1124844	24/08/2016	213538	29	N	2037.50		24.8	5.9	4	-30	98	3.18			5.9	4		397818.66	6908042.73	1132
1124844	24/08/2016	213502	29	N	2050.00		24.8	0.2	1.3	-16	98	3.08			0.2	1.3		397825.6	6908053.56	1130
1124844	24/08/2016	213426	29	N	2062.50		24.8	-2.4	1.6	-6	98	3.04			-2.4	1.6		397829.92	6908064.42	1130
1124844	24/08/2016	213330	29	N	2075.00		24.8	-2.3	6.1	-2	98	3.04			-2.3	6.1		397837.25	6908074.29	1129
1124844	24/08/2016	213110	29	N	2087.50		24.8	-7	3.2	-18	98	3.09			-7	3.2		397844.51	6908084.46	1128
1124844	24/08/2016	213126	29	N	2087.50		24.8	-7.5	1.1	-32	99	3.2	1					397844.03	6908084.47	1127
1124844	24/08/2016	213030	29	N	2100.00		24.8	-3.1	1.6	-30	98	3.18			-3.1	1.6		397850.26	6908098.14	1131
1124844	24/08/2016	212946	29	N	2112.50		24.8	-9	-2.6	-40	98	3.28			-9	-2.6		397858.98	6908105.61	1127
1124844	24/08/2016	212902	29	N	2125.00		24.8	-11.3	-2.3	18	98	3.09			-11.3	-2.3		397865.75	6908113.18	1126
1124844	24/08/2016	212826	29	N	2137.50		24.8	-2.9	0.3	9	98	3.05			-2.9	0.3		397873.86	6908124.12	1125
1124844	24/08/2016	212746	29	N	2150.00		24.8	-0.3	5.9	13	98	3.07			-0.3	5.9		397881.12	6908134.03	1126
1124844	24/08/2016	212710	29	N	2162.50		24.8	22.7	18.3	13	98	3.06			22.7	18.3		397890.52	6908146.41	1129
1124844	24/08/2016	212626	29	N	2175.00		24.8	15.3	14.2	21	98	3.1			15.3	14.2		397897.17	6908154.48	1124
1124844	24/08/2016	212554	29	N	2187.50		24.8	11	8.4	55	98	3.49			11	8.4		397905.92	6908160.79	1120
1124844	24/08/2016	212514	29	N	2200.00		24.8	9	3.9	0	98	3.04			9	3.9		397910.68	6908171.68	1119
1124844	24/08/2016	212426	29	N	2212.50		24.8	2.6	-5.8	-40	98	3.28			2.6	-5.8		397917.94	6908182.03	1118
1124844	24/08/2016	212342	29	N	2225.00		24.8	-2.8	-12.2	-26	98	3.14			-2.8	-12.2		397923.32	6908191.93	1117
1124844	24/08/2016	212246	29	N	2237.50		24.8	14.1	-0.5	31	98	3.19			14.1	-0.5		397933.12	6908201.7	1114
1124844	24/08/2016	212214	29	N	2250.00		24.8	33.2	11.1	20	98	3.1			33.2	11.1		397940.47	6908210.66	1114
1124844	24/08/2016	212138	29	N	2262.50		24.8	33.8	8.3	28	98	3.16			33.8	8.3		397948.38	6908220.49	1111
1124844	24/08/2016	212102	29	N	2275.00		24.8	38.8	9	5	98	3.04			38.8	9		397955.86	6908229.77	1109
1124844	24/08/2016	212026	29	N	2287.50		24.8	42.1	9.4	13	98	3.06			42.1	9.4		397964.19	6908239.44	1106
1124844	24/08/2016	211946	29	N	2300.00		24.8	38.4	6.4	-15	99	3.07			38.4	6.4		397968.88	6908249.5	1107
1124844	24/08/2016	211902	29	N	2312.50		24.8	46.8	15.4	5	99	3.04			46.8	15.4		397976.87	6908259.97	1107
1124844	24/08/2016	211818	29	N	2325.00		24.8	34.3	12.2	45	97	3.3			34.3	12.2		397982.17	6908271.87	1107
1124844	24/08/2016	211742	29	N	2337.50		24.8	31.2	11.3	41	97	3.25			31.2	11.3		397990.32	6908279.48	1105
1124844	24/08/2016	211642	29	N	2350.00		24.8	28.3	7.7	5	98	3.03			28.3	7.7		397996.51	6908288.65	1103
1124844	24/08/2016	211550	29	N	2362.50		24.8	22.1	7.8	23	97	3.09			22.1	7.8		398002.22	6908300.47	1102
1124844	24/08/2016	211510	29	N	2375.00		24.8	18												

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z	
1124844	24/08/2016	211430	29	N	2387.50		24.8	16.6	7.5	18	97	3.05			16.6	7.5		398018.24	6908318.45	1099	
1124844	24/08/2016	211130	29	N	2400		24.8	7.8	4.9	27	43	3.14				7.8	4.9		398025.76	6908330.25	1096
1124844	24/08/2016	211242	29	N	2400		24.8	12	4.6	6	98	3.04	2					398025.54	6908330.18	1097	
1124844	24/08/2016	211302	29	N	2400		24.8	12.5	4.9	4	98	3.04	1					398025.48	6908330.11	1097	
8043128	24/08/2416	234154	31	N	0.00		24.8	-9	-6.5	57	93	3.37			-9	-6.5		396861.12	6906336.6	1112	
8043129	24/08/2417	234306	31	N	0.00		24.8	-5.2	-0.4	-37	107	3.49			-5.2	-0.4		396860.86	6906329.25	1112	
8043130	24/08/2418	234322	31	N	0.00		24.8	-4.9	-0.4	-43	106	3.54	1					396861.91	6906330.22	1111	
8043127	24/08/2415	234118	31	N	12.50		24.8	-15.9	-11.5	30	100	3.23			-15.9	-11.5		396874.35	6906339.28	1119	
8043126	24/08/2414	234038	31	N	25.00		24.8	-16.4	-7.6	-86	98	4.04			-16.4	-7.6		396883.31	6906345.98	1123	
8043125	24/08/2413	234006	31	N	37.50		24.8	-19	-6.6	-42	49	4.04			-19	-6.6		396882.58	6906361.15	1126	
8043124	24/08/2412	233934	31	N	50.00		24.8	-18.5	-6.7	-25	57	3.86			-18.5	-6.7		396885.76	6906370.61	1126	
8043123	24/08/2411	233902	31	N	62.50		24.8	-15.9	-2.5	-35	57	4.12			-15.9	-2.5		396889.35	6906386.93	1134	
8043122	24/08/2410	233834	31	N	75.00		24.8	-20	-7.2	-5	61	3.76			-20	-7.2		396895.97	6906392.97	1132	
8043121	24/08/2409	233754	31	N	87.50		24.8	-20.7	-6	10	61	3.82			-20.7	-6		396903.11	6906403.8	1135	
8043120	24/08/2408	233726	31	N	100.00		24.8	-18.1	-2.2	0	61	3.77			-18.1	-2.2		396910.9	6906409.92	1136	
8043119	24/08/2407	233654	31	N	112.50		24.8	-24.3	-7.4	-5	60	3.73			-24.3	-7.4		396922.74	6906419.91	1137	
8043118	24/08/2406	233622	31	N	125.00		24.8	-29.7	-11.6	-6	63	3.89			-29.7	-11.6		396930.78	6906429.55	1139	
8043117	24/08/2405	233550	31	N	137.50		24.8	-29.4	-9.7	-17	66	4.19			-29.4	-9.7		396935.18	6906436.15	1141	
8043115	24/08/2403	233454	31	N	150.00		24.8	-21.3	-3.7	-12	70	4.39			-21.3	-3.7		396946.41	6906447.37	1143	
8043116	24/08/2404	233510	31	N	150.00		24.8	-22	-4.1	-8	68	4.25	1					396946.1	6906447.11	1143	
8043114	24/08/2402	233414	31	N	162.50		24.8	-20.8	-4.3	8	69	4.27			-20.8	-4.3		396954.41	6906455.82	1145	
8043113	24/08/2401	233346	31	N	175.00		24.8	-18.5	-4.9	34	64	4.5			-18.5	-4.9		396965.05	6906463.32	1146	
8043112	24/08/2400	233322	31	N	187.50		24.8	-16.8	-2.4	25	68	4.47			-16.8	-2.4		396975.11	6906469.87	1148	
8043111	24/08/2399	233250	31	N	200.00		24.8	-14.9	0	-18	70	4.48			-14.9	0		396984.39	6906480.62	1150	
8043110	24/08/2398	233222	31	N	212.50		24.8	-15.1	-0.7	-14	71	4.47			-15.1	-0.7		396991.1	6906487.82	1151	
8043109	24/08/2397	233150	31	N	225.00		24.8	-13.2	1.9	-40	67	4.84			-13.2	1.9		396998.98	6906498.33	1152	
8043108	24/08/2396	233118	31	N	237.50		24.8	-13	1.2	-37	67	4.77			-13	1.2		397003.07	6906510.54	1153	
8043107	24/08/2395	233046	31	N	250.00		24.8	-12.9	-0.3	-43	69	5.03			-12.9	-0.3		397007.84	6906522.36	1152	
8043106	24/08/2394	233022	31	N	262.50		24.8	-9.9	2.1	-36	71	4.95			-9.9	2.1		397012.66	6906532.85	1155	
8043105	24/08/2393	232918	31	N	275.00		24.8	-4.9	3.9	-9	72	4.51			-4.9	3.9		397017.36	6906545.13	1153	
8043104	24/08/2392	232854	31	N	287.50		24.8	-5.2	2.9	-6	73	4.54			-5.2	2.9		397024.49	6906556.18	1158	
8043103	24/08/2391	232754	31	N	300.00		24.8	-6.9	2.8	-27	69	4.61			-6.9	2.8		397030.33	6906563.27	1157	
8043102	24/08/2390	232726	31	N	312.50		24.8	-3.8	3.9	-15	70	4.45			-3.8	3.9		397036.1	6906574.09	1157	
8043101	24/08/2389	232654	31	N	325.00		24.8	-5.2	1.8	-13	71	4.49			-5.2	1.8		397045.27	6906586.21	1158	
8043100	24/08/2388	232618	31	N	337.50		24.8	-1.9	2.9	-11	73	4.59			-1.9	2.9		397054.31	6906596.4	1158	
8043098	24/08/2386	232522	31	N	350.00		24.8	-1	3.8	-9	77	4.77			-1	3.8		397061.13	6906604.47	1159	
8043099	24/08/2387	232538	31	N	350.00		24.8	0.1	4.7	-13	75	4.68	1					397061.06	6906604.35	1159	
8043097	24/08/2385	232406	31	N	362.50		24.8	3.4	8.4	-16	74	4.71			3.4	8.4		397067.54	6906616.14	1159	
8043096	24/08/2384	232334	31	N	375.00		24.8	4	8.8	-21	74	4.75			4	8.8		397074.93	6906626.21	1159	
8043095	24/08/2383	232254	31	N	387.50		24.8	8.5	11.8	2	70	4.35			8.5	11.8		397080.95	6906635.47	1158	
8043094	24/08/2382	232218	31	N	400.00		24.8	7.3	10.7	-16	71	4.49			7.3	10.7		397088.46	6906645.57	1158	
8043093	24/08/2381	232142	31	N	412.50		24.8	3.5	8.7	-22	68	4.42			3.5	8.7		397094.2	6906658.38	1158	
8043092	24/08/2380	232114	31	N	425.00		24.8	3.3	7.6	-21	69	4.44			3.3	7.6		397100.61	6906668.22	1157	
8043091	24/08/2379	232042	31	N	437.50		24.8	5	10.4	-28	68	4.57			5	10.4		397105.8	6906676.92	1156	
8043090	24/08/2378	232010	31	N	450.00		24.8	6.6	10.1	-13	70	4.44			6.6	10.1		397112.03	6906687.45	1155	
8043089	24/08/2377	231918	31	N	462.50		24.8	4.8	10.6	-13	70	4.38			4.8	10.6		397119.56	6906699.97	1154	
8043088	24/08/2376	231838	31	N	475.00		24.8	5.8	11.4	7	68	4.21			5.8	11.4		397129.61	6906709.95	1154	
8043087	24/08/2375	231810	31	N	487.50		24.8	3.9	10.4	2	67	4.17			3.9	10.4		397136.57	6906715.49	1154	
8043086	24/08/2374	231734	31	N	500.00		24.8	1	7.6	2	67	4.14			1	7.6		397147.55	6906725.32	1153	
8043085	24/08/2373	231702	31	N	512.50		24.8	0.8	7.2	3	69	4.28			0.8	7.2		397154.2	6906732.89	1152	
8043084	24/08/2372	231622	31	N	525.00		24.8	-0.3	7.1	-12	70	4.38			-0.3	7.1		397164.36	6906741.28	1151	
8043083	24/08/2371	231550	31	N	537.50		24.8	-1.3	6.5	-25	65	4.3			-1.3	6.5		397171.65	6906752.75	1150	
8043082	24/08/2370	231414	31	N	550.00		24.8	-3.1	4.9	-24	70	4.57			-3.1	4.9		397178.15	6906762.92	1150	
8043081	24/08/2369	231334	31	N	562.50		24.8	-2.8	3.6	-20	72	4.61			-2.8	3.6		397182.1	6906775.12	1149	
8043080	24/08/2368	231254	31	N	575.00		24.8	3.7	10.2	-31	73	4.93			3.7	10.2		397188.28	6906785.61	1147	
8043079	24/08/2367	231002	31	N	587.50		24.8	7.9	12.7	-9	73	4.55			7.9	12.7		397194.66	6906797.28	1144	
8043078	24/08/2366	230858	31	N	600.00		24.8	7.2	13.5	-22	69	4.49			7.2	13.5		397202.15	6906807.45	1144	
8043077	24/08/2365	230826	31	N	612.50		24.8	4.8	10.1	-20	69	4.45			4.8	10.1		397207.81	6906816.24	1142	
8043076	24/08/2364	230738	31	N	625.00		24.8	2.5	6.6	-12	71	4.48			2.5	6.6		397215.92	6906828.89	1141	
8043075	24/08/2363	230658	31	N	637.50		24.8	3	7.4	-42	65	4.8			3	7.4		397222.15	6906837.99	1139	
8043074	24/08/2362	230618	31	N	650.00		24.8	4.4	7.5	-36	68	4.77			4.4	7.5		397226.4	6906849.73	1137	
8043073	24/08/2361	230534	31	N	662.50		24.8	7.9	8.4	-24	73	4.75			7.9	8.4		397233.03	6906859.87	1135	
8043072	24/08/2360	230458	31	N	675.00		24.8	14.8	12.7	-14	73	4.61			14.8	12.7		397240.96	6906869.62	1133	
8043071	24/08/2359	230426	31	N	687.50		24.8	11.3	11	-27	68	4.56			11.3	11		397246.89	6906879.07	1131	
8043070	24/08/2358	230322	31	N	700.00		24.8	11.5	8.9	-22	69	4.51			11.5	8.9		397255.46	6906891.24	1129	
8043069	24/08/2357	230246	31	N	712.50		24.8	12.8	9.5	-22	67	4.39			12.8	9.5		397262.63	6906899.3	1127	

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8043068	24/08/2356	230206	31	N	725.00		24.8	14.3	9.1	-13	68	4.26			14.3	9.1		397271.19	6906909.19	1126
8043067	24/08/2355	230126	31	N	737.50		24.8	13.2	8.6	-19	66	4.27			13.2	8.6		397278.39	6906916.95	1125
8043066	24/08/2354	230050	31	N	750.00		24.8	12.4	6.7	-13	67	4.22			12.4	6.7		397285.52	6906926.21	1124
8043065	24/08/2353	230006	31	N	762.50		24.8	10.8	5.9	-17	65	4.18			10.8	5.9		397293.06	6906935.18	1123
8043064	24/08/2352	225930	31	N	775.00		24.8	11.2	5.9	-13	66	4.19			11.2	5.9		397301.24	6906945.88	1121
8043063	24/08/2351	225854	31	N	787.50		24.8	11.5	5.6	-6	65	4.04			11.5	5.6		397309.53	6906956.09	1120
8043062	24/08/2350	225818	31	N	800.00		24.8	11.3	6.9	-19	66	4.24			11.3	6.9		397317.5	6906966.54	1119
8043061	24/08/2349	225742	31	N	812.50		24.8	12.9	7.1	-20	64	4.15			12.9	7.1		397323.61	6906975.85	1118
8043060	24/08/2348	225658	31	N	825.00		24.8	15.2	7.7	-8	64	4.02			15.2	7.7		397332.98	6906987.09	1118
8043059	24/08/2347	225614	31	N	837.50		24.8	13.4	8.2	-33	59	4.21			13.4	8.2		397340.2	6906994.53	1117
8043058	24/08/2346	225518	31	N	850.00		24.8	11	7.3	-38	57	4.27			11	7.3		397347.66	6907005.01	1116
8043057	24/08/2345	225430	31	N	862.50		24.8	14.3	9.7	-23	59	3.92			14.3	9.7		397352.18	6907014.1	1116
8043056	24/08/2344	225350	31	N	875.00		24.8	10.1	7.4	-27	59	4.02			10.1	7.4		397358.86	6907024.84	1116
8043055	24/08/2343	225038	31	N	887.50		24.8	5.7	6.1	-28	58	3.99			5.7	6.1		397366.57	6907035.98	1116
8043054	24/08/2342	225002	31	N	900.00		24.8	2.4	5.7	-27	58	3.93			2.4	5.7		397372.59	6907046.86	1115
8043053	24/08/2341	224922	31	N	912.50		24.8	-0.1	6.5	-26	57	3.91			-0.1	6.5		397378.97	6907055.35	1116
8043051	24/08/2339	224834	31	N	925.00		24.8	-4.5	5.1	-24	57	3.83			-4.5	5.1		397385.2	6907065.79	1116
8043052	24/08/2340	224850	31	N	925.00		24.8	-5.4	4.8	-32	56	4.02	1					397385.29	6907065.97	1116
8043050	24/08/2338	224758	31	N	937.50		24.8	-8.4	4.6	-18	62	3.97			-8.4	4.6		397392.95	6907075.73	1115
8043049	24/08/2337	224722	31	N	950.00		24.8	-11.5	4	-13	62	3.92			-11.5	4		397401.5	6907087.2	1115
8043048	24/08/2336	224630	31	N	962.50		24.8	-12.2	5.3	-13	62	3.95			-12.2	5.3		397407.45	6907098.94	1114
8043046	24/08/2334	224542	31	N	975.00		24.8	-14.8	4.3	-16	64	4.07	1					397415.17	6907108.47	1115
8043047	24/08/2335	224602	31	N	975.00		24.8	-14.2	5.4	-26	62	4.14			-14.2	5.4		397413.96	6907106.85	1115
8043045	24/08/2333	224438	31	N	987.50		24.8	-14.9	5.2	-17	65	4.15			-14.9	5.2		397428.18	6907127.68	1114
8043044	24/08/2332	224310	31	N	1000.00		24.8	-15	5.1	-10	67	4.22			-15	5.1		397435.72	6907139.26	1116
8043043	24/08/2331	224054	31	N	1012.50		24.8	-13.5	6	-21	66	4.31			-13.5	6		397443.3	6907149.4	1117
8043042	24/08/2330	224022	31	N	1025.00		24.8	-12.7	5.5	-25	66	4.39			-12.7	5.5		397449.69	6907158.78	1117
8043041	24/08/2329	223934	31	N	1037.50		24.8	-10.1	5.2	-17	68	4.31			-10.1	5.2		397454.01	6907170.94	1118
8043040	24/08/2328	223902	31	N	1050.00		24.8	-8.4	4.3	-9	70	4.39			-8.4	4.3		397460.71	6907181.35	1119
8043039	24/08/2327	223830	31	N	1062.50		24.8	-7.7	2.9	-26	69	4.54			-7.7	2.9		397468.91	6907189.77	1119
8043038	24/08/2326	223746	31	N	1075.00		24.8	-6.1	1	-34	66	4.64			-6.1	1		397474.83	6907202.35	1120
8043037	24/08/2325	223710	31	N	1087.50		24.8	-1	-0.5	-13	71	4.45			-1	-0.5		397479.31	6907213.62	1123
8043036	24/08/2324	223638	31	N	1100.00		24.8	3.9	-1.5	-6	71	4.39			3.9	-1.5		397484.86	6907224.04	1125
8043035	24/08/2323	223606	31	N	1112.50		24.8	3.5	-5.7	-2	69	4.27			3.5	-5.7		397492.1	6907233.49	1124
8043034	24/08/2322	223534	31	N	1125.00		24.8	7.2	-6	-5	70	4.36			7.2	-6		397499.53	6907243.15	1126
8043033	24/08/2321	223502	31	N	1137.50		24.8	11.4	-5.6	-8	70	4.34			11.4	-5.6		397505.36	6907252.82	1126
8043032	24/08/2320	223422	31	N	1150.00		24.8	15.2	-3.6	-10	67	4.17			15.2	-3.6		397512.48	6907264.93	1127
8043031	24/08/2319	223350	31	N	1162.50		24.8	16.5	-2.4	-13	65	4.13			16.5	-2.4		397520.51	6907272.49	1126
8043030	24/08/2318	223314	31	N	1175.00		24.8	14.5	-1.3	-21	60	3.96			14.5	-1.3		397527.12	6907281.43	1132
8043029	24/08/2317	223250	31	N	1187.50		24.8	14.7	-1	-8	60	3.77			14.7	-1		397531.52	6907286.53	1132
8043027	24/08/2315	223158	31	N	1200.00		24.8	9.6	-3.2	11	59	3.69			9.6	-3.2		397542.54	6907294.75	1134
8043028	24/08/2316	223214	31	N	1200.00		24.8	9.2	-3.3	12	58	3.69	1					397542.19	6907294.2	1133
8043026	24/08/2314	222938	31	N	1212.50		24.8	4.9	-1.1	-5	58	3.59			4.9	-1.1		397552.24	6907308.92	1133
8043025	24/08/2313	222858	31	N	1225.00		24.8	0.3	-2.3	-17	57	3.7			0.3	-2.3		397560.96	6907314.67	1137
8043024	24/08/2312	222814	31	N	1237.50		24.8	-3.2	-1.5	-35	53	3.94			-3.2	-1.5		397565.31	6907321.63	1136
8043023	24/08/2311	222734	31	N	1250.00		24.8	-10.2	-6	-31	57	4.02			-10.2	-6		397570.76	6907334.91	1138
8043022	24/08/2310	222702	31	N	1262.50		24.8	-16.9	-10.8	-38	55	4.16			-16.9	-10.8		397575.98	6907350.21	1142
8043021	24/08/2309	222626	31	N	1275.00		24.8	-23.7	-16	-31	64	4.39			-23.7	-16		397582.67	6907361.29	1144
8043020	24/08/2308	222550	31	N	1287.50		24.8	-16.4	-10.4	2	74	4.56			-16.4	-10.4		397587.9	6907367.86	1147
8043019	24/08/2307	222518	31	N	1300.00		24.8	-3.5	-1.7	0	68	4.18			-3.5	-1.7		397598.92	6907376.98	1154
8043018	24/08/2306	222446	31	N	1312.50		24.8	-5.5	-3.8	-19	68	4.37			-5.5	-3.8		397606.27	6907385.14	1150
8043017	24/08/2305	222410	31	N	1325.00		24.8	-0.4	0.3	-14	68	4.3			-0.4	0.3		397616.38	6907394.67	1147
8043016	24/08/2304	222338	31	N	1337.50		24.8	-2.1	-0.9	-16	65	4.16			-2.1	-0.9		397625.35	6907401.78	1152
8043015	24/08/2303	222306	31	N	1350.00		24.8	-5.9	-2.9	-31	61	4.21			-5.9	-2.9		397631.64	6907411.51	1152
8043014	24/08/2302	222234	31	N	1362.50		24.8	-5.9	-1.3	-35	61	4.37			-5.9	-1.3		397634.93	6907424.57	1154
8043013	24/08/2301	222202	31	N	1375.00		24.8	-6	0.7	-42	58	4.44			-6	0.7		397639.66	6907433.58	1154
8043012	24/08/2300	222130	31	N	1387.50		24.8	-5.9	0.6	-21	61	4.04			-5.9	0.6		397646.66	6907443.69	1156
8043011	24/08/2299	222058	31	N	1400.00		24.8	-6.7	2	-24	60	4.03			-6.7	2		397653.22	6907453.07	1163
8043009	24/08/2297	222002	31	N	1412.50		24.8	-10.7	0.2	-21	62	4.06	1					397662.22	6907465.23	1164
8043010	24/08/2298	222018	31	N	1412.50		24.8	-9.9	0.6	-21	62	4.02			-9.9	0.6		397662.47	6907465.04	1165
8043008	24/08/2296	221930	31	N	1425.00		24.8	-11.4	1.3	-30	60	4.14			-11.4	1.3		397669.93	6907474.84	1163
8043007	24/08/2295	221858	31	N	1437.50		24.8	-14.8	-0.3	-23	60	4			-14.8	-0.3		397674.36	6907485.65	1166
8043006	24/08/2294	221818	31	N	1450.00		24.8	-16.7	-1.4	-27	62	4.19			-16.7	-1.4		397681.1	6907495.93	1168
8043005	24/08/2293	221750	31	N	1462.50		24.8	-17.6	-0.3	-31	63	4.34			-17.6	-0.3		397687.66	6907504.9	1172
8043004	24/08/2292	221726	31	N	1475.00		24.8	-19	-1.2	-31	61	4.26			-19	-1.2		397691.14	6907510.31	1173
8043003	24/08/2291	221650	31	N	1487.50		24.8	-19.9	-2.3	3	67	4.12			-19.9</					

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8043002	24/08/2290	221614	31	N	1500.00		24.8	-20.4	-0.7	-11	69	4.31			-20.4	-0.7		397708.15	6907529.17	1177
8043001	24/08/2289	221526	31	N	1512.50		24.8	-19.3	0.6	0	71	4.39			-19.3	0.6		397720.42	6907541.87	1178
8043000	24/08/2288	221454	31	N	1525.00		24.8	-18.5	2.3	-13	74	4.67			-18.5	2.3		397728.61	6907550.05	1179
8042999	24/08/2287	221426	31	N	1537.50		24.8	-16.1	6.1	-49	66	5.1			-16.1	6.1		397733.19	6907557.4	1178
8042998	24/08/2286	221350	31	N	1550.00		24.8	-16.7	4.7	-34	75	5.07			-16.7	4.7		397737.19	6907572.44	1179
8042996	24/08/2284	221150	31	N	1562.50		24.8	-10.3	8.8	-23	78	5.06	1					397744.15	6907585.39	1177
8042997	24/08/2285	221206	31	N	1562.50		24.8	-10.1	9	-25	79	5.13			-10.1	9		397743.11	6907584.37	1180
8042995	24/08/2283	221114	31	N	1575.00		24.8	-7.4	9.4	-22	78	5.04			-7.4	9.4		397751.5	6907594.29	1179
8042994	24/08/2282	221018	31	N	1587.50		24.8	-9.6	6.4	-19	77	4.9			-9.6	6.4		397758.18	6907601.81	1179
8042993	24/08/2281	220946	31	N	1600.00		24.8	-10.2	2.8	-25	81	5.24			-10.2	2.8		397765.49	6907613.2	1179
8042992	24/08/2280	220850	31	N	1612.50		24.8	-10	-1.5	-30	90	5.89			-10	-1.5		397772.17	6907624.48	1178
8042991	24/08/2279	220818	31	N	1625.00		24.8	8.6	8.1	-39	87	5.92			8.6	8.1		397778.07	6907636.15	1177
8042990	24/08/2278	220746	31	N	1637.50		24.8	15	8.5	-33	83	5.53			15	8.5		397784.41	6907646.07	1180
8042989	24/08/2277	220702	31	N	1650.00		24.8	19	7.5	-26	83	5.41			19	7.5		397790.17	6907658.09	1179
8042988	24/08/2276	220626	31	N	1662.50		24.8	21	6.6	-32	78	5.22			21	6.6		397796.79	6907668.82	1181
8042987	24/08/2275	220542	31	N	1675.00		24.8	24.3	8.8	-21	77	4.92			24.3	8.8		397803.69	6907679.26	1181
8042986	24/08/2274	220502	31	N	1687.50		24.8	23	4.1	-16	77	4.84			23	4.1		397809.86	6907689.94	1179
8042984	24/08/2272	220406	31	N	1700.00		24.8	22.1	1.2	-11	77	4.78			22.1	1.2		397816.03	6907699.25	1178
8042985	24/08/2273	220422	31	N	1700.00		24.8	21.9	1.7	-16	77	4.84	1					397815.57	6907699.2	1177
8042983	24/08/2271	220334	31	N	1712.50		24.8	24.5	1	-7	76	4.74			24.5	1		397823.37	6907709.19	1178
8042982	24/08/2270	220306	31	N	1725.00		24.8	23.2	-5.8	17	76	4.83			23.2	-5.8		397831.53	6907717.85	1177
8042981	24/08/2269	220234	31	N	1737.50		24.8	34.6	1.3	-6	79	4.91			34.6	1.3		397838.05	6907725.2	1176
8042980	24/08/2268	220154	31	N	1750.00		24.8	35.3	2.2	-32	72	4.89			35.3	2.2		397848.21	6907735.58	1175
8042979	24/08/2267	220122	31	N	1762.50		24.8	44.7	4.2	0	72	4.47			44.7	4.2		397855.9	6907744.38	1176
8042977	24/08/2265	220030	31	N	1775.00		24.8	44.8	5.4	-5	69	4.27			44.8	5.4		397864.02	6907755.72	1179
8042978	24/08/2266	220046	31	N	1775.00		24.8	44.8	5.2	-6	70	4.33	1					397863.8	6907755.87	1178
8042976	24/08/2264	215958	31	N	1787.50		24.8	46	9.6	-3	66	4.06			46	9.6		397871.99	6907766.39	1177
8042975	24/08/2263	215930	31	N	1800.00		24.8	43.7	10.2	-9	65	4.04			43.7	10.2		397878.79	6907773	1176
8042974	24/08/2262	215826	31	N	1812.50		24.8	41.1	7.7	0	64	3.96			41.1	7.7		397887.84	6907783.93	1172
8042973	24/08/2261	215726	31	N	1825.00		24.8	40.6	6.5	14	61	3.9			40.6	6.5		397896.28	6907789.92	1167
8042972	24/08/2260	215626	31	N	1837.50		24.8	36.5	8.1	-26	60	4.07			36.5	8.1		397904.59	6907799.38	1162
8042971	24/08/2259	215546	31	N	1850.00		24.8	39.6	10.5	-10	61	3.85			39.6	10.5		397910.89	6907807.62	1159
8042970	24/08/2258	215454	31	N	1862.50		24.8	33.2	13.3	-36	55	4.08			33.2	13.3		397920.75	6907817.47	1155
8042969	24/08/2257	215330	31	N	1875.00		24.8	30.4	14.6	-44	52	4.22			30.4	14.6		397921.74	6907828.63	1150
8042968	24/08/2256	215154	31	N	1887.50		24.8	28.7	13.9	-44	50	4.15			28.7	13.9		397926.07	6907839.74	1143
8042967	24/08/2255	215046	31	N	1900.00		24.8	24	11.5	-50	50	4.39			24	11.5		397927.39	6907848.61	1137
8042966	24/08/2254	214954	31	N	1912.50		24.8	24.2	7.5	-25	60	4.01			24.2	7.5		397929.79	6907855.62	1133
8042965	24/08/2253	214906	31	N	1925.00		24.8	23.1	3.9	-8	62	3.85			23.1	3.9		397938.55	6907865.02	1128
8042964	24/08/2252	214826	31	N	1937.50		24.8	21.8	4.7	-23	63	4.12			21.8	4.7		397943.85	6907872.35	1127
8042963	24/08/2251	214718	31	N	1950.00		24.8	23.8	6.3	-11	65	4.11			23.8	6.3		397954.07	6907884.15	1122
8042962	24/08/2250	214614	31	N	1962.50		24.8	19.4	3.3	-23	65	4.29			19.4	3.3		397963.09	6907895.45	1117
8042961	24/08/2249	214510	31	N	1975.00		24.8	26.3	7.2	-12	69	4.36			26.3	7.2		397968.65	6907906.3	1114
8042960	24/08/2248	214342	31	N	1987.50		24.8	34.7	16.9	-23	67	4.37			34.7	16.9		397975.93	6907914.92	1110
8042959	24/08/2247	214246	31	N	2000.00		24.8	38.8	18.5	-23	65	4.3			38.8	18.5		397981.9	6907922.8	1106
8042958	24/08/2246	214138	31	N	2012.50		24.8	43.9	19.6	-11	65	4.07			43.9	19.6		397988.63	6907932.84	1100
8042957	24/08/2245	214034	31	N	2025.00		24.8	51.2	27.1	-16	63	4.01			51.2	27.1		397995.79	6907940.15	1095
8042956	24/08/2244	213938	31	N	2037.50		24.8	47.7	31.4	-28	53	3.74			47.7	31.4		398004.07	6907951.77	1091
8042955	24/08/2243	213842	31	N	2050.00		24.8	47.8	24.1	-10	57	3.6			47.8	24.1		398011.13	6907961.16	1086
8042954	24/08/2242	213758	31	N	2062.50		24.8	42	19.9	-17	53	3.48			42	19.9		398016.43	6907970.8	1083
8042953	24/08/2241	213706	31	N	2075.00		24.8	37	15.4	-13	55	3.51			37	15.4		398024.31	6907980.74	1080
8042952	24/08/2240	213622	31	N	2087.50		24.8	32.9	12.1	-22	55	3.69			32.9	12.1		398029.39	6907988.57	1077
8042951	24/08/2239	213534	31	N	2100.00		24.8	26.6	6.6	-21	55	3.66			26.6	6.6		398035.95	6907999.86	1073
8042950	24/08/2238	213458	31	N	2112.50		24.8	20.1	0.9	-21	57	3.78			20.1	0.9		398042.77	6908008.39	1071
8042949	24/08/2237	213422	31	N	2125.00		24.8	15.4	-3.9	-21	61	4			15.4	-3.9		398048.1	6908018.12	1067
8042948	24/08/2236	213342	31	N	2137.50		24.8	17.5	-3	-22	68	4.44			17.5	-3		398055.22	6908031.36	1066
8042945	24/08/2233	213102	31	N	2150.00		24.8	27.1	2.9	-30	65	4.46	1					398065.6	6908041.74	1065
8042946	24/08/2234	213118	31	N	2150.00		24.8	27	3.5	-31	65	4.46			27	3.5		398065.4	6908041.64	1062
8042947	24/08/2235	213134	31	N	2150.00		24.8	27.6	3.4	-30	65	4.4	1					398066.81	6908042.39	1061
8042944	24/08/2232	213022	31	N	2162.50		24.8	32.5	5	-19	64	4.15			32.5	5		398074.85	6908052.49	1068
8042943	24/08/2231	212942	31	N	2175.00		24.8	31.7	3.3	-21	63	4.12			31.7	3.3		398078.57	6908057.7	1067
8042942	24/08/2230	212850	31	N	2187.50		24.8	34.6	3	-7	65	4.07			34.6	3		398082.6	6908066.35	1066
8042940	24/08/2228	212758	31	N	2200.00		24.8	40.8	7.8	-20	126	3.95			40.8	7.8		398087.82	6908074.16	1064
8042941	24/08/2229	212814	31	N	2200.00		24.8	40	9.3	-10	63	3.98	1					398088.46	6908072.61	1066
8042939	24/08/2227	212658	31	N	2212.50		24.8	41	9.3	3	119	3.67			41	9.3		398097.81	6908087.17	1065
8042938	24/08/2226	212622	31	N	2225.00		24.8	41.4	10.6	18	117	3.64			41.4	10.6		398102.61	6908094.8	1067
8042937	24/08/2225	212546	31	N	2237.50															

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042934	24/08/2222	212430	31	N	2250.00		24.8	31.1	14	-20	51	3.42			31.1	14		398120	6908116.67	1064
8042935	24/08/2223	212458	31	N	2250.00		24.8	31.6	13.7	-25	52	3.57	1					398118.18	6908116.05	1062
8042936	24/08/2224	212514	31	N	2250.00		24.8	31.2	14.7	-32	49	3.67	2					398119	6908116.27	1062
8042933	24/08/2221	212342	31	N	2262.50		24.8	27.6	12.8	-15	52	3.35			27.6	12.8		398124.34	6908127.89	1062
8042931	24/08/2219	212250	31	N	2275.00		24.8	20.7	9.2	-9	52	3.3	1					398128.63	6908138.26	1060
8042932	24/08/2220	212306	31	N	2275.00		24.8	21.1	9.2	-12	53	3.38			21.1	9.2		398129	6908137.14	1059
8042930	24/08/2218	212214	31	N	2287.50		24.8	14	7.5	-22	53	3.54			14	7.5		398135.33	6908153.16	1061
8042929	24/08/2217	212130	31	N	2300.00		24.8	11	5.6	-11	54	3.41			11	5.6		398142.03	6908159.06	1058
8042928	24/08/2216	212034	31	N	2312.50		24.8	2.9	1.5	-17	57	3.67			2.9	1.5		398151.54	6908169.32	1053
8042927	24/08/2215	211954	31	N	2325.00		24.8	0	0.2	-15	59	3.79			0	0.2		398159.46	6908177	1050
8042926	24/08/2214	211914	31	N	2337.50		24.8	4	4	-32	61	4.27			4	4		398166.9	6908186.21	1049
8042925	24/08/2213	211818	31	N	2350.00		24.8	12.5	6.7	-18	63	4.06			12.5	6.7		398173.24	6908195.11	1049
8042924	24/08/2212	211738	31	N	2362.50		24.8	17.8	6.3	-27	62	4.2			17.8	6.3		398185.18	6908204.4	1051
8042922	24/08/2210	211654	31	N	2375.00		24.8	23.4	8.4	-17	63	4.05			23.4	8.4		398188.92	6908214.56	1051
8042923	24/08/2211	211710	31	N	2375.00		24.8	23	8.5	-18	61	3.96	1					398188.28	6908215.26	1051
8042728	26/08/2016	170742	33	N	0		24.8	-37.4	-12.8	0	57	3.52	1					397028.77	6906214.51	1135
8042728	26/08/2016	170758	33	N	0		24.8	-37.5	-12.8	-1	56	3.48	2					397028.8	6906214.41	1134
8042728	26/08/2016	170814	33	N	0		24.8	-37.6	-12.8	0	57	3.56			-37.6	-12.8		397029.28	6906215.49	1136
8042728	26/08/2016	170838	33	N	0		24.8	-37.9	-13	-3	55	3.4	2					397028.93	6906215.78	1134
8042728	26/08/2016	170942	33	N	12.5		24.8	-40	-14.1	1	59	3.67			-40	-14.1		397040.31	6906228.46	1139
8042728	26/08/2016	171126	33	N	25		24.8	-41.7	-16.5	-4	59	3.64			-41.7	-16.5		397041.65	6906237.07	1147
8042728	26/08/2016	171234	33	N	37.5		24.8	-42.3	-15.8	18	57	3.73			-42.3	-15.8		397048.82	6906243.16	1146
8042728	26/08/2016	171354	33	N	50		24.8	-45	-19.6	1	60	3.71			-45	-19.6		397057.03	6906252.28	1152
8042728	26/08/2016	171442	33	N	62.5		24.8	-41.9	-19	-10	64	4.02			-41.9	-19		397063.23	6906261.39	1153
8042728	26/08/2016	171530	33	N	75		24.8	-32.2	-9.7	-5	65	4.05			-32.2	-9.7		397070.49	6906273.66	1152
8042728	26/08/2016	171622	33	N	87.5		24.8	-29	-8.3	-7	65	4.07			-29	-8.3		397077.37	6906280.47	1152
8042728	26/08/2016	171722	33	N	100		24.8	-30.5	-10.2	0	64	3.97			-30.5	-10.2		397083.36	6906294.7	1158
8042728	26/08/2016	171814	33	N	112.5		24.8	-29.5	-10.7	-7	64	3.99			-29.5	-10.7		397089.23	6906306.48	1162
8042728	26/08/2016	171850	33	N	125		24.8	-29.9	-11.9	1	63	3.92			-29.9	-11.9		397096.29	6906316.54	1163
8042728	26/08/2016	171938	33	N	137.5		24.8	-25.2	-7.5	12	63	3.98			-25.2	-7.5		397104.97	6906326.08	1166
8042728	26/08/2016	172014	33	N	150		24.8	-26.3	-9.6	19	60	3.92			-26.3	-9.6		397113.17	6906332.65	1167
8042728	26/08/2016	172054	33	N	162.5		24.8	-23.4	-7.1	17	64	4.09			-23.4	-7.1		397124.52	6906340.3	1168
8042728	26/08/2016	172134	33	N	175		24.8	-23.7	-5.9	21	63	4.11			-23.7	-5.9		397134.88	6906347.76	1170
8042728	26/08/2016	172258	33	N	187.5		24.8	-20.9	-3.6	1	67	4.14			-20.9	-3.6		397137.68	6906358.37	1170
8042728	26/08/2016	172402	33	N	200		24.8	-18.5	-2.2	-7	64	4			-18.5	-2.2		397141.47	6906369.8	1175
8042728	26/08/2016	172442	33	N	212.5		24.8	-18.6	-2	2	64	3.96	1					397149.94	6906378.83	1171
8042728	26/08/2016	172458	33	N	212.5		24.8	-20.2	-2.2	9	64	3.97	2					397149.79	6906378.98	1172
8042728	26/08/2016	172514	33	N	212.5		24.8	-19.1	-2.4	0	65	4.01			-19.1	-2.4		397149.98	6906378.25	1171
8042728	26/08/2016	172606	33	N	225		24.8	-21.5	-4.8	-15	65	4.1			-21.5	-4.8		397159.06	6906391.15	1174
8042728	26/08/2016	172658	33	N	237.5		24.8	-19.7	-3.5	0	65	4.03			-19.7	-3.5		397167.38	6906403.38	1174
8042728	26/08/2016	172738	33	N	250		24.8	-21.8	-6	2	64	3.96			-21.8	-6		397173.69	6906413.07	1175
8042728	26/08/2016	172914	33	N	262.5		24.8	-16.8	-1.9	-24	62	4.13			-16.8	-1.9		397178.15	6906422.25	1176
8042728	26/08/2016	172946	33	N	275		24.8	-16.3	-1.5	-21	64	4.21			-16.3	-1.5		397182.01	6906429.83	1175
8042728	26/08/2016	173058	33	N	287.5		24.8	-19.1	-3.4	-6	64	3.98			-19.1	-3.4		397189.51	6906439.23	1177
8042728	26/08/2016	173118	33	N	287.5		24.8	-19.9	-5	-6	62	3.86	1					397189.94	6906439.54	1176
8042728	26/08/2016	173158	33	N	300		24.8	-20.5	-5.3	-4	64	3.98			-20.5	-5.3		397200.08	6906450.15	1177
8042728	26/08/2016	173234	33	N	312.5		24.8	-18.3	-3	-10	65	4.05	2					397207.19	6906460.25	1178
8042728	26/08/2016	173258	33	N	312.5		24.8	-17.7	-3.6	-26	63	4.22			-17.7	-3.6		397207.14	6906460.38	1178
8042728	26/08/2016	173318	33	N	312.5		24.8	-17.8	-3.3	-22	63	4.14	1					397207.14	6906460.39	1178
8042728	26/08/2016	173554	33	N	325		24.8	-18	-2.5	-10	63	3.96			-18	-2.5		397211.38	6906468.65	1179
8042728	26/08/2016	173630	33	N	337.5		24.8	-19.3	-4.2	-10	61	3.82			-19.3	-4.2		397219.06	6906480.72	1181
8042728	26/08/2016	173706	33	N	350		24.8	-21	-4.5	-10	63	3.97			-21	-4.5		397225.83	6906490.58	1181
8042728	26/08/2016	173822	33	N	362.5		24.8	-21.8	-6.7	-28	62	4.19			-21.8	-6.7		397232.35	6906499.09	1181
8042728	26/08/2016	173918	33	N	375		24.8	-19.1	-1.9	-10	66	4.15			-19.1	-1.9		397238.74	6906510.37	1182
8042728	26/08/2016	173958	33	N	387.5		24.8	-20.8	-2.6	-15	64	4.06	1					397246.32	6906524.48	1183
8042728	26/08/2016	174018	33	N	387.5		24.8	-20.1	-2.2	-15	65	4.13			-20.1	-2.2		397246.41	6906524.66	1183
8042728	26/08/2016	174110	33	N	400		24.8	-18.2	1.7	-9	67	4.16			-18.2	1.7		397253.71	6906536.58	1183
8042728	26/08/2016	174154	33	N	412.5		24.8	-19.3	0.5	-6	66	4.09			-19.3	0.5		397257.96	6906542.3	1183
8042728	26/08/2016	174234	33	N	425		24.8	-21.3	-1.8	1	67	4.12			-21.3	-1.8		397264.71	6906550.47	1182
8042728	26/08/2016	174314	33	N	437.5		24.8	-21.9	-2.7	0	68	4.19			-21.9	-2.7		397273.32	6906560.45	1181
8042728	26/08/2016	174350	33	N	450		24.8	-19.1	-1.3	2	70	4.33			-19.1	-1.3		397280.32	6906570.42	1180
8042728	26/08/2016	174422	33	N	462.5		24.8	-11.4	6	-8	71	4.42			-11.4	6		397287.64	6906579.73	1181
8042728	26/08/2016	174510	33	N	475		24.8	-13	4.1	5	67	4.13	1					397297.08	6906589.79	1181
8042728	26/08/2016	174534	33	N	475		24.8	-12.5	4	2	66	4.09	2					397297	6906590.27	1181
8042728	26/08/2016	174602	33	N	475		24.8	-14.2	4	-5	69	4.26			-14.2	4		397296.85	6906589.97	1181
8042728	26/08/2016	174742	33	N	487.5		24.8	-15.1	1.5	3	68	4.19			-15.1	1.5		397304.16	6906599.09	1181

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	174818	33	N	500		24.8	-16.5	-1.7	4	68	4.19	1					397312.51	6906609.66	1181
8042728	26/08/2016	174838	33	N	500		24.8	-15.6	-1.7	31	62	4.27			-15.6	-1.7		397312.63	6906610.01	1181
8042728	26/08/2016	174914	33	N	512.5		24.8	-16.8	-3.1	9	67	4.21			-16.8	-3.1		397320.4	6906617.9	1180
8042728	26/08/2016	174938	33	N	512.5		24.8	-17.1	-3.4	7	67	4.16	1					397320.54	6906617.89	1180
8042728	26/08/2016	175022	33	N	525		24.8	-16.9	-4.5	3	69	4.3			-16.9	-4.5		397326.7	6906626.71	1180
8042728	26/08/2016	175118	33	N	537.5		24.8	-16.7	-5.6	-1	71	4.39			-16.7	-5.6		397334.73	6906638.29	1179
8042728	26/08/2016	175158	33	N	550		24.8	-12.9	-3.4	-15	75	4.76			-12.9	-3.4		397342.51	6906648.91	1179
8042728	26/08/2016	175234	33	N	562.5		24.8	-10.2	-1.5	-13	75	4.7			-10.2	-1.5		397348	6906656.87	1177
8042728	26/08/2016	175326	33	N	575		24.8	-7.7	-1	3	77	4.75			-7.7	-1		397354.66	6906667.43	1176
8042728	26/08/2016	175442	33	N	575		24.8	-9.3	-0.6	-2	77	4.75	2					397355.42	6906669.12	1176
8042728	26/08/2016	175458	33	N	575		24.8	-8	-1.1	-2	76	4.69	1					397355.33	6906669.06	1176
8042728	26/08/2016	175514	33	N	575		24.8	-7.9	-0.9	-4	76	4.71	1					397355.38	6906669.05	1176
8042728	26/08/2016	175546	33	N	587.5	Poor GPS	24.8	-6	-0.6	7	76	4.72			-6	-0.6		397362.15	6906678.65	1175
8042728	26/08/2016	175618	33	N	600		24.8	-2.5	-0.2	3	79	4.86			-2.5	-0.2		397369.52	6906688	1173
8042728	26/08/2016	175710	33	N	612.5		24.8	1	0.7	-8	80	4.95			1	0.7		397376.95	6906698.08	1171
8042728	26/08/2016	175742	33	N	625		24.8	4	1.3	5	78	4.81			4	1.3		397384.7	6906709.34	1171
8042728	26/08/2016	175810	33	N	637.5		24.8	6.5	2	-12	77	4.84			6.5	2		397391.63	6906719.14	1169
8042728	26/08/2016	175842	33	N	650		24.8	9.7	2.9	-8	78	4.86			9.7	2.9		397400.05	6906729.62	1168
8042728	26/08/2016	175918	33	N	662.5		24.8	15.4	5.7	-16	77	4.88			15.4	5.7		397409.02	6906740.8	1167
8042728	26/08/2016	180006	33	N	675		24.8	16.7	5.7	-22	75	4.84			16.7	5.7		397416.08	6906751.62	1164
8042728	26/08/2016	180034	33	N	687.5		24.8	17.5	6	-40	69	4.96			17.5	6		397420.7	6906759.28	1162
8042728	26/08/2016	180114	33	N	700		24.8	19.1	6.4	-22	71	4.62			19.1	6.4		397428.03	6906769.78	1160
8042728	26/08/2016	180146	33	N	712.5		24.8	20	6.5	-27	69	4.57			20	6.5		397432.92	6906778.94	1157
8042728	26/08/2016	180230	33	N	725		24.8	21.5	6.4	-38	65	4.66	1					397441.23	6906790.81	1154
8042728	26/08/2016	180246	33	N	725		24.8	20.4	6.3	-37	66	4.69			20.4	6.3		397441.47	6906790.94	1154
8042728	26/08/2016	180334	33	N	737.5		24.8	19.8	6.4	-31	66	4.52			19.8	6.4		397445.19	6906799.39	1153
8042728	26/08/2016	180406	33	N	750		24.8	18.4	5.9	-22	65	4.27	1					397451.14	6906810.16	1151
8042728	26/08/2016	180434	33	N	750		24.8	18.1	5.1	-31	64	4.39			18.1	5.1		397451.22	6906810.57	1150
8042728	26/08/2016	180510	33	N	762.5		24.8	14.7	3.4	-17	65	4.19	1					397459.7	6906820.73	1147
8042728	26/08/2016	180538	33	N	762.5		24.8	14.7	3.4	-25	64	4.27			14.7	3.4		397459.43	6906820.99	1148
8042728	26/08/2016	180614	33	N	775		24.8	9.3	-1.2	-23	63	4.14	2					397466.34	6906832.95	1144
8042728	26/08/2016	180634	33	N	775		24.8	9.5	-2.3	-35	61	4.34			9.5	-2.3		397466.68	6906832.69	1145
8042728	26/08/2016	180650	33	N	775		24.8	8.8	-2.3	-32	61	4.26	1					397465.83	6906832.96	1145
8042728	26/08/2016	180730	33	N	787.5		24.8	5.9	-5.1	-40	61	4.49			5.9	-5.1		397473.25	6906843.75	1144
8042728	26/08/2016	180750	33	N	787.5		24.8	5.3	-5	-34	62	4.37	1					397472.82	6906843.56	1143
8042728	26/08/2016	180806	33	N	787.5		24.8	4.8	-5.4	-32	62	4.36	2					397472.89	6906843.48	1144
8042728	26/08/2016	180850	33	N	800		24.8	4	-4.9	-33	62	4.38			4	-4.9		397480.09	6906855.03	1142
8042728	26/08/2016	180946	33	N	812.5		24.8	3	-4.9	-32	66	4.55			3	-4.9		397484.18	6906863.9	1142
8042728	26/08/2016	181002	33	N	812.5		24.8	2.9	-5.2	-37	64	4.56	1					397484.36	6906864.05	1142
8042728	26/08/2016	181126	33	N	825		24.8	4.1	-3.3	-33	64	4.46	2					397492.72	6906874.97	1139
8042728	26/08/2016	181142	33	N	825		24.8	4	-3.4	-37	66	4.68			4	-3.4		397492.66	6906874.87	1140
8042728	26/08/2016	181158	33	N	825		24.8	4.1	-3.5	-39	63	4.57	1					397492.7	6906874.81	1140
8042728	26/08/2016	181334	33	N	837.5		24.8	7	-1.6	-45	64	4.82			7	-1.6		397501.16	6906885.97	1137
8042728	26/08/2016	181422	33	N	850		24.8	9.6	0.7	-26	68	4.5			9.6	0.7		397505.92	6906894.39	1136
8042728	26/08/2016	181506	33	N	862.5		24.8	11.2	1.8	-26	66	4.4			11.2	1.8		397513.13	6906903.47	1136
8042728	26/08/2016	181554	33	N	875		24.8	11.5	1.8	-21	65	4.26	1					397520.62	6906912.43	1135
8042728	26/08/2016	181614	33	N	875		24.8	11.6	0.4	-39	59	4.37			11.6	0.4	better data fit	397521.19	6906912.18	1134
8042728	26/08/2016	181630	33	N	875		24.8	9.8	0.9	-31	64	4.39	2					397520.85	6906912.45	1134
8042728	26/08/2016	181906	33	N	887.5		24.8	9.1	1	-26	63	4.24			9.1	1		397524.39	6906922.31	1134
8042728	26/08/2016	181946	33	N	900		24.8	4.8	-2	-40	57	4.31			4.8	-2		397534.25	6906936.6	1132
8042728	26/08/2016	182002	33	N	900		24.8	4.5	-2.2	-36	59	4.27	1					397534.06	6906936.62	1132
8042728	26/08/2016	182038	33	N	912.5		24.8	2	-2.7	-35	59	4.26			2	-2.7		397540.36	6906946.77	1131
8042728	26/08/2016	182126	33	N	925		24.8	-1.2	-1.7	-21	62	4.04			-1.2	-1.7		397545.9	6906958.31	1130
8042728	26/08/2016	182222	33	N	937.5		24.8	-1.8	-2.3	-35	60	4.29			-1.8	-2.3		397551.66	6906965.1	1129
8042728	26/08/2016	182306	33	N	950		24.8	-3.4	-1.1	-29	64	4.36			-3.4	-1.1		397557.29	6906972.96	1129
8042728	26/08/2016	182358	33	N	962.5		24.8	-4.1	0.4	-25	65	4.31			-4.1	0.4		397565.24	6906985.24	1127
8042728	26/08/2016	182434	33	N	975		24.8	-4.8	0.6	-44	57	4.48			-4.8	0.6		397570.62	6906995.26	1128
8042728	26/08/2016	182450	33	N	975		24.8	-4.7	1.7	-32	62	4.31	1					397570.69	6906995.13	1127
8042728	26/08/2016	182506	33	N	975		24.8	-5.1	1.3	-31	62	4.3	2					397570.7	6906995.1	1127
8042728	26/08/2016	182546	33	N	987.5		24.8	-6.5	2.9	-25	62	4.17			-6.5	2.9		397576.23	6907006	1127
8042728	26/08/2016	182630	33	N	1000		24.8	-8.1	2.5	-30	63	4.31	1					397583.57	6907017.63	1125
8042728	26/08/2016	182646	33	N	1000		24.8	-8.2	2.8	-31	63	4.32			-8.2	2.8		397583.95	6907017.74	1125
8042728	26/08/2016	182722	33	N	1012.5		24.8	-9.4	3.5	-25	63	4.22			-9.4	3.5		397590.3	6907026.55	1125
8042728	26/08/2016	182930	33	N	1025		24.8	-11.4	4.1	-33	62	4.37	2					397598.5	6907038.29	1124
8042728	26/08/2016	183002	33	N	1025		24.8	-10.6	4.6	-33	64	4.43			-10.6	4.6		397598.13	6907037.39	1123
8042728	26/08/2016	183018	33	N	1025		24.8	-11.3	4.1	-32	62	4.3	1					397598.12	6907037.32	1123

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	183122	33	N	1037.5		24.8	-12.8	4	-30	62	4.26			-12.8	4		397605.55	6907045.75	1123
8042728	26/08/2016	183214	33	N	1050		24.8	-14.7	5.9	-23	64	4.2			-14.7	5.9		397613.28	6907055.86	1123
8042728	26/08/2016	183258	33	N	1062.5		24.8	-15.4	5.9	-29	64	4.36			-15.4	5.9		397622.08	6907066.09	1121
8042728	26/08/2016	183314	33	N	1062.5		24.8	-16.6	5.5	-29	64	4.34	1					397622.18	6907066.81	1122
8042728	26/08/2016	183330	33	N	1062.5		24.8	-16.2	5	-31	62	4.29	1					397622.18	6907066.9	1123
8042728	26/08/2016	183414	33	N	1075		24.8	-18.1	5.6	-26	65	4.36			-18.1	5.6		397629.98	6907078.65	1122
8042728	26/08/2016	183454	33	N	1087.5		24.8	-18.1	5.6	-33	65	4.49	1					397636.66	6907089.33	1122
8042728	26/08/2016	183510	33	N	1087.5		24.8	-19.5	7.3	-20	67	4.34			-19.5	7.3	better data fit	397636.46	6907089.38	1123
8042728	26/08/2016	183546	33	N	1100		24.8	-20.2	6.8	-17	67	4.3			-20.2	6.8		397642.71	6907098.65	1121
8042728	26/08/2016	183622	33	N	1112.5		24.8	-19.9	4.9	-25	66	4.4			-19.9	4.9		397650.59	6907106.6	1122
8042728	26/08/2016	183654	33	N	1125		24.8	-19.2	5.7	-17	67	4.31			-19.2	5.7		397659.35	6907114.93	1121
8042728	26/08/2016	183758	33	N	1137.5		24.8	-16.4	6.7	-15	70	4.46			-16.4	6.7		397668.46	6907124.17	1121
8042728	26/08/2016	183834	33	N	1150		24.8	-16.6	5.4	-13	71	4.49			-16.6	5.4		397675.33	6907135.25	1120
8042728	26/08/2016	183922	33	N	1162.5		24.8	-13.8	5.2	-8	73	4.53			-13.8	5.2		397682.28	6907144.09	1121
8042728	26/08/2016	184014	33	N	1175		24.8	-10.7	6.1	0	70	4.36			-10.7	6.1		397689.07	6907152.95	1121
8042728	26/08/2016	184054	33	N	1187.5		24.8	-7.6	5.5	-11	74	4.64			-7.6	5.5		397696.9	6907163.44	1122
8042728	26/08/2016	184138	33	N	1200		24.8	-6.3	0.8	-12	72	4.52			-6.3	0.8		397707.06	6907178.16	1125
8042728	26/08/2016	184210	33	N	1212.5		24.8	-5.8	-0.9	-19	73	4.69			-5.8	-0.9		397712.12	6907183.53	1123
8042728	26/08/2016	184246	33	N	1225		24.8	-4.1	-2.4	-19	72	4.61			-4.1	-2.4		397718.3	6907194.79	1124
8042728	26/08/2016	184322	33	N	1237.5		24.8	-1.5	-3.4	-19	71	4.58			-1.5	-3.4		397724.7	6907205.62	1125
8042728	26/08/2016	184410	33	N	1250		24.8	-2.2	-5.9	-9	70	4.39			-2.2	-5.9		397731.6	6907214.2	1128
8042728	26/08/2016	184458	33	N	1262.5		24.8	-1.4	-6.1	4	70	4.36			-1.4	-6.1		397739.59	6907223.78	1127
8042728	26/08/2016	184538	33	N	1275		24.8	-1.1	-7.7	-9	70	4.35	-1.1		-1.1	-7.7		397746.64	6907235.72	1126
8042728	26/08/2016	184622	33	N	1287.5		24.8	-0.4	-7.4	-8	69	4.31			-0.4	-7.4		397752.96	6907243.56	1132
8042728	26/08/2016	184658	33	N	1300		24.8	0	-6.7	-14	68	4.32			0	-6.7		397760.84	6907252.75	1130
8042728	26/08/2016	184742	33	N	1312.5		24.8	0	-6.9	-9	66	4.15			0	-6.9		397768.16	6907261.84	1132
8042728	26/08/2016	185110	33	N	1325		24.8	-2.4	-7.8	-17	64	4.12			-2.4	-7.8		397779.71	6907276.43	1137
8042728	26/08/2016	185146	33	N	1337.5		24.8	-1.1	-6.4	-28	64	4.31			-1.1	-6.4		397779.23	6907284.05	1134
8042728	26/08/2016	185226	33	N	1350		24.8	-2.2	-7.1	-30	63	4.29			-2.2	-7.1		397787.33	6907293.07	1135
8042728	26/08/2016	185334	33	N	1362.5		24.8	-5.2	-7.7	-27	64	4.29			-5.2	-7.7		397794.77	6907309.74	1138
8042728	26/08/2016	185430	33	N	1375		24.8	-6.6	-6.7	-17	64	4.11			-6.6	-6.7		397799.12	6907315.13	1136
8042728	26/08/2016	185506	33	N	1387.5		24.8	-7.5	-4.8	-10	63	3.98			-7.5	-4.8		397808.75	6907327.32	1138
8042728	26/08/2016	185546	33	N	1400		24.8	-10.8	-7	-19	64	4.16			-10.8	-7		397816.53	6907335.35	1139
8042728	26/08/2016	185618	33	N	1412.5		24.8	-10.2	-6.5	-19	66	4.24			-10.2	-6.5		397821.55	6907344.38	1144
8042728	26/08/2016	185722	33	N	1425		24.8	-13.2	-5	-15	63	4.03			-13.2	-5		397830.99	6907354.5	1142
8042728	26/08/2016	185810	33	N	1437.5		24.8	-17.4	-6.5	-4	63	3.94			-17.4	-6.5		397838.99	6907363.43	1142
8042728	26/08/2016	185858	33	N	1450		24.8	-17.7	-5.7	-2	66	4.08			-17.7	-5.7		397845.9	6907371.01	1146
8042728	26/08/2016	185934	33	N	1462.5		24.8	-21.4	-9.3	-25	63	4.19			-21.4	-9.3		397851.34	6907383.97	1147
8042728	26/08/2016	190006	33	N	1475		24.8	-22.1	-8.2	-23	67	4.41			-22.1	-8.2		397860.28	6907394.41	1145
8042728	26/08/2016	190050	33	N	1487.5		24.8	-21.6	-8.1	-21	73	4.68			-21.6	-8.1		397865.39	6907407.67	1155
8042728	26/08/2016	190122	33	N	1500		24.8	-12.3	0	-19	75	4.76			-12.3	0		397870.91	6907413.64	1150
8042728	26/08/2016	190346	33	N	1512.5		24.8	-7	2.2	-31	70	4.74			-7	2.2		397877.8	6907426.61	1152
8042728	26/08/2016	190422	33	N	1525		24.8	-4.8	4.4	-29	69	4.62			-4.8	4.4		397882.7	6907437.8	1166
8042728	26/08/2016	190502	33	N	1537.5		24.8	-6.8	2.1	-20	67	4.33			-6.8	2.1		397891.92	6907446.3	1158
8042728	26/08/2016	190542	33	N	1550		24.8	-10.8	-1.9	-13	68	4.28			-10.8	-1.9		397898.78	6907453.92	1154
8042728	26/08/2016	190714	33	N	1562.5		24.8	-4.3	5.2	-25	72	4.72			-4.3	5.2		397904.51	6907464.4	1160
8042728	26/08/2016	191002	33	N	1575		24.8	-4.7	3.5	-19	68	4.39			-4.7	3.5		397914.29	6907474.58	1156
8042728	26/08/2016	191034	33	N	1587.5		24.8	-6.5	-0.8	-25	67	4.44			-6.5	-0.8		397920.76	6907485.75	1158
8042728	26/08/2016	191110	33	N	1600		24.8	-14.2	-7.8	-13	74	4.63			-14.2	-7.8		397928.8	6907498.12	1157
8042728	26/08/2016	191150	33	N	1612.5		24.8	-3.2	-1.5	-14	83	5.19			-3.2	-1.5		397934.51	6907507.74	1156
8042728	26/08/2016	191254	33	N	1625		24.8	16.6	7.3	-20	81	5.17			16.6	7.3		397940.82	6907516.9	1157
8042728	26/08/2016	191326	33	N	1637.5		24.8	33.1	15.8	-19	72	4.62			33.1	15.8		397946.48	6907527.06	1155
8042728	26/08/2016	191354	33	N	1650		24.8	35.8	15.5	-19	68	4.35			35.8	15.5		397951.88	6907535.17	1151
8042728	26/08/2016	191438	33	N	1662.5		24.8	35.1	11.8	-22	62	4.08			35.1	11.8		397960.04	6907548.25	1149
8042728	26/08/2016	191506	33	N	1675		24.8	30	7.3	-17	60	3.9			30	7.3		397968.19	6907560.36	1148
8042728	26/08/2016	191534	33	N	1687.5		24.8	27.3	5	-16	56	3.62			27.3	5		397975.11	6907567.85	1147
8042728	26/08/2016	191606	33	N	1700		24.8	19.9	-0.7	-20	57	3.71			19.9	-0.7		397983.63	6907578.24	1146
8042728	26/08/2016	191646	33	N	1712.5		24.8	16.4	-2.4	-13	62	3.92			16.4	-2.4		397988.43	6907588.29	1146
8042728	26/08/2016	191718	33	N	1725		24.8	16.1	-0.5	-15	58	3.73			16.1	-0.5		397996.51	6907595.75	1141
8042728	26/08/2016	191750	33	N	1737.5		24.8	12.1	-3.7	-19	58	3.8			12.1	-3.7		398000.8	6907606.26	1143
8042728	26/08/2016	191826	33	N	1750		24.8	9.8	-4.3	-9	61	3.81			9.8	-4.3		398007.72	6907616.81	1138
8042728	26/08/2016	191914	33	N	1762.5		24.8	6.6	-6.2	-4	63	3.9			6.6	-6.2		398015.94	6907624.1	1134
8042728	26/08/2016	191950	33	N	1775		24.8	13.8	0.3	-16	65	4.16			13.8	0.3		398026.48	6907636.58	1135
8042728	26/08/2016	192038	33	N	1787.5		24.8	18	4.4	-6	62	3.86			18	4.4		398030.04	6907648.84	1134
8042728	26/08/2016	192114	33	N	1800		24.8	16.3	0.8	-9	64	4			16.3	0.8		398035.39	6907657.85	1133
8042728	26/08/2016	192146	33	N	1812.5		24.8	16.8	0.3	-3	65	4.05			16.8	0.3		398042.29	6907667.31	1130

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	192218	33	N	1825		24.8	24.3	4.2	-1	64	3.96			24.3	4.2		398049.48	6907680.54	1132
8042728	26/08/2016	192254	33	N	1837.5		24.8	32.4	9.4	-7	62	3.84			32.4	9.4		398059.04	6907691.5	1127
8042728	26/08/2016	192310	33	N	1837.5		24.8	32.7	10.2	-6	60	3.73	1					398058.63	6907692.2	1127
8042728	26/08/2016	192410	33	N	1850		24.8	30.4	7.8	-12	57	3.6			30.4	7.8		398068.54	6907703.58	1130
8042728	26/08/2016	192546	33	N	1862.5		24.8	26.3	3.6	-41	50	4.02			26.3	3.6		398071.77	6907706.5	1123
8042728	26/08/2016	192658	33	N	1875		24.8	25.9	4	-17	55	3.59			25.9	4		398082.24	6907720.29	1120
8042728	26/08/2016	192750	33	N	1887.5		24.8	24.3	2.4	-10	57	3.59	1					398089.08	6907730.48	1120
8042728	26/08/2016	192814	33	N	1887.5		24.8	25.5	3.4	-13	57	3.63			25.5	3.4		398088.58	6907731.25	1118
8042728	26/08/2016	192854	33	N	1900	Very Close to previous station, GPS poor	24.8	27	7.4	-7	59	3.69			27	7.4		398094.48	6907736.65	1116
8042728	26/08/2016	192934	33	N	1912.5		24.8	32.9	15.7	-3	55	3.44			32.9	15.7		398103.77	6907746.66	1116
8042728	26/08/2016	193010	33	N	1925		24.8	29.1	14.3	-6	52	3.26			29.1	14.3		398109.44	6907755.24	1113
8042728	26/08/2016	193050	33	N	1937.5		24.8	23	10.4	-10	52	3.27			23	10.4		398117.8	6907763.08	1106
8042728	26/08/2016	193130	33	N	1950		24.8	17.4	6.4	-12	51	3.29			17.4	6.4		398122.74	6907773.64	1106
8042728	26/08/2016	193202	33	N	1962.5		24.8	12.4	3.5	-17	51	3.34			12.4	3.5		398128.29	6907784.46	1107
8042728	26/08/2016	193238	33	N	1975		24.8	7.6	1.8	-10	50	3.19			7.6	1.8		398138.29	6907796.25	1106
8042728	26/08/2016	193318	33	N	1987.5		24.8	2	-2.1	-10	51	3.23			2	-2.1		398143.62	6907807.13	1105
8042728	26/08/2016	193358	33	N	2000		24.8	-1.7	-4.9	-8	52	3.29			-1.7	-4.9		398150.01	6907814.12	1102
8042728	26/08/2016	193434	33	N	2012.5		24.8	-8.7	-10.4	-10	56	3.5			-8.7	-10.4		398159.31	6907822.41	1100
8042728	26/08/2016	193510	33	N	2025		24.8	-13	-14.8	-8	62	3.86			-13	-14.8		398168.7	6907832.16	1098
8042728	26/08/2016	193554	33	N	2037.5		24.8	-10.5	-13.8	-16	66	4.22			-10.5	-13.8		398175.2	6907844.06	1102
8042728	26/08/2016	193630	33	N	2050		24.8	3.4	-6.4	-14	73	4.59			3.4	-6.4		398183.45	6907849.99	1094
8042728	26/08/2016	193702	33	N	2062.5		24.8	23.9	4.6	-10	68	4.24			23.9	4.6		398190.93	6907859.97	1094
8042728	26/08/2016	193738	33	N	2075		24.8	34.4	9.7	-11	62	3.93			34.4	9.7		398195.24	6907870.97	1088
8042728	26/08/2016	193814	33	N	2087.5		24.8	41.3	15.2	-20	55	3.62			41.3	15.2		398202.12	6907881.09	1091
8042728	26/08/2016	193854	33	N	2100		24.8	37.5	11.6	-16	54	3.47			37.5	11.6		398209.72	6907893.22	1090
8042728	26/08/2016	193934	33	N	2112.5		24.8	29.4	3.9	-12	52	3.34			29.4	3.9		398220	6907906.47	1089
8042728	26/08/2016	194010	33	N	2125		24.8	24.6	0.7	-13	53	3.36			24.6	0.7		398227.08	6907915.25	1085
8042728	26/08/2016	194046	33	N	2137.5		24.8	23	2	-11	52	3.28			23	2		398231.41	6907921.53	1085
8042728	26/08/2016	194130	33	N	2150		24.8	20.2	1.3	-18	50	3.27			20.2	1.3		398239.92	6907931.1	1085
8042728	26/08/2016	194206	33	N	2162.5		24.8	14.2	-3.3	-15	51	3.31			14.2	-3.3		398246.38	6907941.78	1082
8042728	26/08/2016	194246	33	N	2175		24.8	11.4	-5.2	-16	53	3.47			11.4	-5.2		398255.12	6907951.22	1079
8042728	26/08/2016	194322	33	N	2187.5		24.8	12.5	-2.9	-32	51	3.73			12.5	-2.9		398257.72	6907963.15	1078
8042728	26/08/2016	194426	33	N	2200		24.8	18.6	3.7	-21	54	3.57			18.6	3.7		398265.11	6907972.7	1072
8042728	26/08/2016	194506	33	N	2212.5		24.8	24.2	10	-13	55	3.49			24.2	10		398272.69	6907982.53	1069
8042728	26/08/2016	194538	33	N	2225		24.8	26.8	15.3	-16	52	3.36			26.8	15.3		398279.17	6907992.45	1072
8042728	26/08/2016	194618	33	N	2237.5		24.8	22.1	12.2	-24	47	3.31			22.1	12.2		398288.93	6908006.47	1069
8042728	26/08/2016	194650	33	N	2250		24.8	19.5	11.2	-32	97	3.17			19.5	11.2		398292.96	6908013.34	1068
8042728	26/08/2016	194730	33	N	2262.5		24.8	17.1	9.6	-31	101	3.26			17.1	9.6		398299.99	6908023.24	1064
8042728	26/08/2016	194750	33	N	2262.5		24.8	16.8	9.3	-33	97	3.16	1					398300.71	6908024.53	1064
8042728	26/08/2016	194838	33	N	2275		24.8	13.5	6.5	-37	98	3.22			13.5	6.5		398307.2	6908033.78	1062
8042728	26/08/2016	194918	33	N	2287.5		24.8	10.7	4.7	-20	99	3.13			10.7	4.7		398315.33	6908045.87	1060
8042728	26/08/2016	194950	33	N	2300		24.8	8	2.8	-31	104	3.35			8	2.8		398321.77	6908055.03	1057
8042728	26/08/2016	195022	33	N	2312.5		24.8	9.1	4.7	-46	101	3.42			9.1	4.7		398327.89	6908063.42	1055
8042728	26/08/2016	195054	33	N	2325		24.8	10.3	5.7	-40	101	3.36			10.3	5.7		398335.1	6908070.33	1050
8042728	26/08/2016	195130	33	N	2337.5		24.8	11.9	8.3	-44	101	3.41			11.9	8.3		398342.96	6908080.85	1048
8042728	26/08/2016	195210	33	N	2350		24.8	15.2	12.8	-38	99	3.27			15.2	12.8		398350.3	6908092.69	1046
8042728	26/08/2016	195250	33	N	2362.5		24.8	15.6	14.8	-36	100	3.27	1					398356.81	6908099.62	1039
8042728	26/08/2016	195306	33	N	2362.5		24.8	16	14.5	-38	96	3.21	1					398356.74	6908099.67	1039
8042728	26/08/2016	195322	33	N	2362.5		24.8	16	14.4	-44	99	3.36			16	14.4		398356.53	6908099.47	1039
8042728	26/08/2016	195350	33	N	2362.5		24.8	15.1	14.1	-36	98	3.24	2					398355.94	6908098.1	1037
1124844	26/08/2016	171134	35	N	0		24.8	-4.6	-17	-1	54	3.35	1					397191.97	6906092.72	1154
1124844	26/08/2016	171150	35	N	0		24.8	-4.4	-16.9	2	56	3.46			-4.4	-16.9		397192.14	6906092.62	1154
1124844	26/08/2016	171726	35	N	25		24.8	-5.5	-16	4	56	3.49			-5.5	-16		397204.05	6906111.15	1161
1124844	26/08/2016	171750	35	N	25		24.8	-5.2	-16.7	2	55	3.42	1					397204.09	6906111.38	1159
1124844	26/08/2016	171950	35	N	37.5		24.8	-5	-15.1	19	54	3.54			-5	-15.1		397210.09	6906120.37	1164
1124844	26/08/2016	172010	35	N	37.5		24.8	-6.2	-16.5	14	54	3.47	1					397210.31	6906120.38	1164
1124844	26/08/2016	172122	35	N	50		24.8	-7.1	-15.8	19	53	3.51			-7.1	-15.8		397217.22	6906130.72	1168
1124844	26/08/2016	172238	35	N	62.5		24.8	-7.5	-19.2	-2	56	3.47			-7.5	-19.2		397224.88	6906139.02	1170
1124844	26/08/2016	172334	35	N	75		24.8	-4	-14.6	-9	58	3.61			-4	-14.6		397230.53	6906150.33	1172
1124844	26/08/2016	172406	35	N	87.5		24.8	-2.6	-13.7	3	58	3.62			-2.6	-13.7		397239.28	6906159.18	1174
1124844	26/08/2016	172522	35	N	100		24.8	-4.3	-15.2	-6	60	3.72			-4.3	-15.2		397243.87	6906170.14	1176
1124844	26/08/2016	172558	35	N	112.5		24.8	-1.2	-12.1	-10	63	3.96			-1.2	-12.1		397249.65	6906180.8	1178
1124844	26/08/2016	172650	35	N	125		24.8	15.1	-1.3	-13	59	3.74			15.1	-1.3		397258.57	6906190.1	1180
1124844	26/08/2016	172738	35	N	137.5		24.8	15.9	-2.6	-2	55	3.44			15.9	-2.6		397266.08	6906198.47	1181
1124844	26/08/2016	172810	35	N	150		24.8	12.3	-6.3	-13	54	3.46			12.3	-6.3		397273.4	6906206.6	1181
1124844	26/08/2016	172854	35	N	162.5		24.8	14.1	-4.5	-9	54	3.42			14.1	-4.5		397278.7	6906219.01	1183

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	172942	35	N	175		24.8	12.3	-4.5	3	54	3.36			12.3	-4.5		397286.69	6906228.93	1185
1124844	26/08/2016	173538	35	N	187.5		24.8	14.9	-1	2	54	3.34	1					397293.49	6906239.51	1185
1124844	26/08/2016	173610	35	N	187.5		24.8	10.3	-4.2	2	53	3.31			10.3	-4.2	better data fit	397298.48	6906249.9	1187
1124844	26/08/2016	173642	35	N	200		24.8	9.3	-4.8	0	52	3.25			9.3	-4.8		397302.96	6906261.39	1189
1124844	26/08/2016	173742	35	N	212.5		24.8	7.1	-6.1	-3	52	3.22			7.1	-6.1		397313.96	6906269.92	1192
1124844	26/08/2016	173818	35	N	225		24.8	4.1	-7.5	1	53	3.26			4.1	-7.5		397319.31	6906279.82	1192
1124844	26/08/2016	173854	35	N	237.5		24.8	2	-9.8	-8	53	3.34			2	-9.8		397327.36	6906289.61	1194
1124844	26/08/2016	173930	35	N	250		24.8	-1.9	-12.4	-15	53	3.41			-1.9	-12.4		397335.24	6906299.3	1196
1124844	26/08/2016	174010	35	N	262.5		24.8	-4	-14	-21	52	3.47			-4	-14		397340.93	6906308.43	1198
1124844	26/08/2016	174102	35	N	275		24.8	2.7	-1.4	24	61	4.05			2.7	-1.4		397347.43	6906322.47	1198
1124844	26/08/2016	174202	35	N	287.5		24.8	16.2	9.5	1	60	3.72			16.2	9.5		397352.57	6906330.53	1199
1124844	26/08/2016	174234	35	N	300		24.8	14.8	11	-1	55	3.4			14.8	11		397361.36	6906340.48	1200
1124844	26/08/2016	174306	35	N	312.5		24.8	10.7	7.6	-10	51	3.25			10.7	7.6		397368.85	6906349.15	1201
1124844	26/08/2016	174354	35	N	325		24.8	5.9	4.3	-5	52	3.27			5.9	4.3		397376.41	6906360.4	1202
1124844	26/08/2016	174438	35	N	337.5		24.8	0.8	1.2	0	51	3.16			0.8	1.2		397384.89	6906371.49	1202
1124844	26/08/2016	174518	35	N	350		24.8	-2.2	-1.1	-11	51	3.22			-2.2	-1.1		397392.96	6906380.47	1203
1124844	26/08/2016	174546	35	N	362.5		24.8	-8	-6.1	-8	51	3.22			-8	-6.1		397399.84	6906389.67	1204
1124844	26/08/2016	174810	35	N	375		24.8	-9.3	-6.8	-6	53	3.29			-9.3	-6.8		397407.22	6906400.13	1205
1124844	26/08/2016	174842	35	N	387.5		24.8	-12.8	-8.4	-9	55	3.46			-12.8	-8.4		397412.14	6906411.66	1206
1124844	26/08/2016	174910	35	N	400		24.8	-15	-10	-9	55	3.48			-15	-10		397419.14	6906419.76	1206
1124844	26/08/2016	174942	35	N	412.5		24.8	-14.2	-10	-18	60	3.86			-14.2	-10		397427.65	6906430.66	1207
1124844	26/08/2016	175022	35	N	425		24.8	-9.1	-2.4	3	63	3.88			-9.1	-2.4		397435.04	6906440.83	1208
1124844	26/08/2016	175050	35	N	437.5		24.8	-7.8	-2.3	1	62	3.85			-7.8	-2.3		397441.39	6906452.33	1207
1124844	26/08/2016	175126	35	N	450		24.8	-6.8	-3.4	-14	61	3.91			-6.8	-3.4		397448.92	6906461.73	1207
1124844	26/08/2016	175158	35	N	462.5		24.8	-8.2	-8	-19	61	3.95			-8.2	-8		397457.79	6906471.16	1207
1124844	26/08/2016	175246	35	N	475		24.8	-8.8	-7.8	-3	65	4.01			-8.8	-7.8		397463.49	6906481.23	1207
1124844	26/08/2016	175318	35	N	487.5		24.8	-7.2	-6.3	0	68	4.21			-7.2	-6.3		397471.17	6906492.72	1207
1124844	26/08/2016	175442	35	N	500		24.8	-7.3	-9.3	-1	73	4.49			-7.3	-9.3		397478.57	6906501.74	1206
1124844	26/08/2016	175510	35	N	512.5		24.8	-4.8	-8.1	7	74	4.63			-4.8	-8.1		397484.74	6906512.63	1205
1124844	26/08/2016	175542	35	N	525		24.8	4.7	-1.6	-2	77	4.78			4.7	-1.6		397490.88	6906523.52	1205
1124844	26/08/2016	175610	35	N	537.5		24.8	14.1	4.4	6	70	4.34			14.1	4.4		397498.81	6906533.46	1204
1124844	26/08/2016	175642	35	N	550		24.8	14	1.2	-5	69	4.26			14	1.2		397505	6906544.46	1203
1124844	26/08/2016	175710	35	N	562.5		24.8	14.6	1.4	5	69	4.31			14.6	1.4		397512.09	6906554.72	1202
1124844	26/08/2016	175754	35	N	575		24.8	17.8	1.5	6	68	4.24			17.8	1.5		397519.08	6906565.85	1200
1124844	26/08/2016	175838	35	N	587.5		24.8	18.4	1.6	4	67	4.15			18.4	1.6		397525.59	6906575.39	1200
1124844	26/08/2016	175922	35	N	600		24.8	19.8	2.5	5	65	4.03			19.8	2.5		397533	6906584.8	1199
1124844	26/08/2016	175950	35	N	612.5		24.8	17.5	-1.9	-2	63	3.91			17.5	-1.9		397538.72	6906593.13	1197
1124844	26/08/2016	180022	35	N	625		24.8	13.9	-4.1	9	65	4.09			13.9	-4.1		397546.89	6906604.25	1196
1124844	26/08/2016	180102	35	N	637.5		24.8	17.3	-2.3	-8	67	4.17	1					397554.91	6906614.36	1195
1124844	26/08/2016	180122	35	N	637.5		24.8	18.3	-1.6	-5	67	4.16			18.3	-1.6		397555.08	6906614.19	1195
1124844	26/08/2016	180154	35	N	650		24.8	23.5	3.2	9	66	4.15			23.5	3.2		397559.91	6906626.05	1193
1124844	26/08/2016	180242	35	N	662.5		24.8	27.4	5.1	-7	66	4.11			27.4	5.1		397567.8	6906636.17	1191
1124844	26/08/2016	180334	35	N	675		24.8	31.9	7.9	-6	62	3.84			31.9	7.9		397574.43	6906645.55	1191
1124844	26/08/2016	180418	35	N	687.5		24.8	31.8	7.8	-10	59	3.74			31.8	7.8		397581.4	6906655.89	1189
1124844	26/08/2016	180502	35	N	700		24.8	30.4	6.7	-6	60	3.72			30.4	6.7		397590.27	6906665.17	1189
1124844	26/08/2016	180546	35	N	712.5		24.8	30.6	6.6	-12	58	3.67			30.6	6.6		397597.77	6906675.14	1186
1124844	26/08/2016	180622	35	N	725		24.8	30.9	7.3	-3	59	3.67			30.9	7.3		397606.97	6906683.94	1185
1124844	26/08/2016	180702	35	N	737.5		24.8	29.7	8.1	-7	55	3.41			29.7	8.1		397613.25	6906694.42	1183
1124844	26/08/2016	180758	35	N	750		24.8	25.8	4.3	6	55	3.45			25.8	4.3		397618.33	6906703.46	1181
1124844	26/08/2016	180826	35	N	762.5		24.8	24.4	1.4	-7	54	3.36			24.4	1.4		397625.79	6906712.31	1179
1124844	26/08/2016	180902	35	N	775		24.8	16.8	-4.4	-2	54	3.36			16.8	-4.4		397635.67	6906726.85	1179
1124844	26/08/2016	180926	35	N	787.5		24.8	14.5	-6.7	-6	56	3.5			14.5	-6.7		397641.13	6906733.16	1178
1124844	26/08/2016	181018	35	N	800		24.8	13.5	-7	-6	57	3.53			13.5	-7		397648.29	6906743.9	1176
1124844	26/08/2016	181054	35	N	812.5		24.8	11.2	-8.5	-3	59	3.69			11.2	-8.5		397655.45	6906752.69	1175
1124844	26/08/2016	181126	35	N	825		24.8	17	-1.1	10	63	3.94			17	-1.1		397662.36	6906763.37	1172
1124844	26/08/2016	181214	35	N	837.5		24.8	20.5	1.8	7	62	3.85			20.5	1.8		397669.54	6906774.2	1172
1124844	26/08/2016	181302	35	N	850		24.8	25.6	7	-12	58	3.67			25.6	7		397673.48	6906783.83	1171
1124844	26/08/2016	181346	35	N	862.5		24.8	23	5.7	-8	58	3.62			23	5.7		397681.73	6906792.16	1171
1124844	26/08/2016	181430	35	N	862.5		24.8	26.3	9	1	57	3.56	1					397682.21	6906792.36	1170
1124844	26/08/2016	181502	35	N	875		24.8	20.6	5.1	6	57	3.56			20.6	5.1		397689.66	6906800.73	1169
1124844	26/08/2016	181546	35	N	887.5		24.8	18.3	3.4	5	57	3.52			18.3	3.4		397694.64	6906812.56	1166
1124844	26/08/2016	181618	35	N	900		24.8	18.9	4.1	3	58	3.61			18.9	4.1		397701.74	6906821.48	1164
1124844	26/08/2016	181858	35	N	912.5		24.8	21.5	7.6	0	59	3.62			21.5	7.6		397709.02	6906832.25	1163
1124844	26/08/2016	181946	35	N	925		24.8	24.2	11.7	6	59	3.64			24.2	11.7		397716.64	6906842.48	1161
1124844	26/08/2016	182018	35	N	937.5		24.8	23.2	13.2	4	57	3.57			23.2	13.2		397724.4	6906852.09	1159
1124844	26/08/2016	182046	35	N	950		24.8	21	13.4	5	56	3.48			21	13.4		397730.86	6906863.66	1157

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	182118	35	N	962.5		24.8	19.6	13.2	2	55	3.39			19.6	13.2		397738.18	6906872.01	1155
1124844	26/08/2016	182146	35	N	975		24.8	15.6	12.8	15	54	3.49			15.6	12.8		397744.59	6906881.63	1153
1124844	26/08/2016	182230	35	N	987.5		24.8	12.5	11.4	11	54	3.44			12.5	11.4		397751.82	6906892.53	1151
1124844	26/08/2016	182246	35	N	987.5		24.8	12.9	12.3	6	55	3.44	1					397751.4	6906892.46	1151
1124844	26/08/2016	182322	35	N	1000		24.8	10	11.6	11	55	3.47			10	11.6		397757.11	6906902.22	1149
1124844	26/08/2016	182402	35	N	1012.5		24.8	8.1	11.9	2	56	3.46			8.1	11.9		397766.98	6906912.54	1147
1124844	26/08/2016	182438	35	N	1025		24.8	4.6	10.9	6	57	3.52			4.6	10.9		397771.24	6906921.75	1146
1124844	26/08/2016	182514	35	N	1037.5		24.8	1.9	10.2	15	55	3.56			1.9	10.2		397777.1	6906932.13	1144
1124844	26/08/2016	182614	35	N	1050		24.8	-3.1	9.5	30	51	3.68			-3.1	9.5		397783.55	6906941.25	1141
1124844	26/08/2016	182658	35	N	1062.5		24.8	-4.2	9.1	9	56	3.51			-4.2	9.1		397789.67	6906951.97	1138
1124844	26/08/2016	182746	35	N	1075		24.8	-4.7	10.8	6	57	3.58			-4.7	10.8		397796.61	6906961.25	1136
1124844	26/08/2016	182822	35	N	1087.5		24.8	-9.6	8.4	5	59	3.66			-9.6	8.4		397803.89	6906971.67	1133
1124844	26/08/2016	182854	35	N	1100		24.8	-11.9	6.5	4	60	3.72			-11.9	6.5		397810.53	6906981.67	1132
1124844	26/08/2016	182926	35	N	1112.5		24.8	-14	4.3	7	61	3.79			-14	4.3		397817.79	6906991.95	1131
1124844	26/08/2016	183238	35	N	1125		24.8	-14.2	2.7	6	65	4.06			-14.2	2.7		397824.83	6907002.17	1129
1124844	26/08/2016	183310	35	N	1137.5		24.8	-11.4	1.5	-2	68	4.21	1					397830.96	6907011.98	1127
1124844	26/08/2016	183334	35	N	1137.5		24.8	-10.8	2.4	3	70	4.36			-10.8	2.4		397831.82	6907012.27	1126
1124844	26/08/2016	183418	35	N	1150		24.8	-4.5	2.9	11	75	4.69			-4.5	2.9		397839.23	6907020.49	1124
1124844	26/08/2016	183454	35	N	1162.5		24.8	10.1	7.1	-11	77	4.81			10.1	7.1		397846.66	6907030.74	1122
1124844	26/08/2016	184218	35	N	1175		24.8	19.7	6.4	-3	72	4.48			19.7	6.4		397857.24	6907043.91	1119
1124844	26/08/2016	184318	35	N	1187.5		24.8	24.3	10.5	15	68	4.33			24.3	10.5		397862.41	6907053.14	1116
1124844	26/08/2016	184410	35	N	1200		24.8	25.2	9.9	15	66	4.17			25.2	9.9		397866.5	6907061.99	1115
1124844	26/08/2016	184442	35	N	1212.5		24.8	25.1	9.3	14	65	4.12			25.1	9.3		397872.57	6907071.69	1112
1124844	26/08/2016	184522	35	N	1225		24.8	27.4	6.9	15	62	3.96			27.4	6.9		397879.92	6907083.3	1109
1124844	26/08/2016	184610	35	N	1237.5		24.8	28	5.6	10	62	3.87			28	5.6		397888.84	6907092.07	1108
1124844	26/08/2016	184642	35	N	1250		24.8	29.3	3.8	5	62	3.88			29.3	3.8		397894.04	6907101.8	1106
1124844	26/08/2016	184718	35	N	1262.5		24.8	30.6	3.1	11	59	3.69			30.6	3.1		397900.41	6907113.43	1104
1124844	26/08/2016	184758	35	N	1275		24.8	29.1	1.2	14	58	3.7			29.1	1.2		397908.08	6907122.8	1103
1124844	26/08/2016	184858	35	N	1287.5		24.8	31.7	0.9	0	58	3.59			31.7	0.9	better data fit	397914.07	6907132.71	1101
1124844	26/08/2016	184926	35	N	1287.5		24.8	27.7	-0.9	4	60	3.7	1					397914.18	6907133.65	1101
1124844	26/08/2016	185022	35	N	1300		24.8	30.7	1.2	7	58	3.6			30.7	1.2		397921.03	6907142.63	1102
1124844	26/08/2016	185118	35	N	1312.5		24.8	30.4	1.7	18	55	3.61			30.4	1.7		397929.66	6907151.44	1100
1124844	26/08/2016	185202	35	N	1325		24.8	34	2.8	1	56	3.48			34	2.8		397937.87	6907161.01	1100
1124844	26/08/2016	185254	35	N	1337.5		24.8	34.5	6.7	18	53	3.47			34.5	6.7		397946.09	6907170.68	1100
1124844	26/08/2016	185334	35	N	1350		24.8	34.1	9.5	19	49	3.25			34.1	9.5		397954.34	6907181.94	1101
1124844	26/08/2016	185410	35	N	1362.5		24.8	23.2	6.5	59	91	3.36			23.2	6.5		397955.58	6907191.35	1101
1124844	26/08/2016	185510	35	N	1375		24.8	22.6	4.9	24	96	3.06			22.6	4.9		397965.06	6907200.47	1104
1124844	26/08/2016	185554	35	N	1387.5		24.8	17.5	-1.4	8	98	3.02			17.5	-1.4		397973.62	6907210.15	1108
1124844	26/08/2016	185630	35	N	1400		24.8	14.2	-3.8	0	98	3.01			14.2	-3.8		397983.59	6907219.41	1107
1124844	26/08/2016	185730	35	N	1412.5		24.8	13.4	2.7	49	97	3.36			13.4	2.7		397989.65	6907229.33	1110
1124844	26/08/2016	185818	35	N	1425		24.8	12.1	2.5	46	98	3.33			12.1	2.5		397995.94	6907244.41	1115
1124844	26/08/2016	185858	35	N	1437.5		24.8	7.2	-0.8	40	97	3.24			7.2	-0.8		398000.51	6907253.28	1115
1124844	26/08/2016	185950	35	N	1450		24.8	7.4	-1.1	33	98	3.18			7.4	-1.1		398010.24	6907262.8	1115
1124844	26/08/2016	190034	35	N	1462.5		24.8	7.4	-1.7	-13	97	3.04			7.4	-1.7		398015.63	6907270.22	1117
1124844	26/08/2016	190110	35	N	1475		24.8	3.7	-2.2	3	98	3.01			3.7	-2.2		398022.8	6907278.83	1116
1124844	26/08/2016	190314	35	N	1487.5		24.8	11.6	4.8	-20	97	3.08			11.6	4.8		398031.42	6907290.78	1121
1124844	26/08/2016	190410	35	N	1500		24.8	8.4	5.5	14	97	3.04			8.4	5.5		398038.33	6907300.78	1121
1124844	26/08/2016	190438	35	N	1512.5		24.8	8	7.7	31	98	3.16			8	7.7		398043.25	6907311.38	1124
1124844	26/08/2016	190514	35	N	1525		24.8	7.3	8.2	5	98	3.02			7.3	8.2		398050.34	6907321.06	1119
1124844	26/08/2016	190554	35	N	1537.5		24.8	3.4	4.7	-24	98	3.1			3.4	4.7		398059.25	6907331.52	1122
1124844	26/08/2016	190646	35	N	1550		24.8	1.2	6.2	11	98	3.03			1.2	6.2		398064.61	6907343	1122
1124844	26/08/2016	190926	35	N	1562.5		24.8	-4.2	-0.2	-5	97	3.01			-4.2	-0.2		398072.06	6907351.87	1122
1124844	26/08/2016	191010	35	N	1575		24.8	-1.4	1.7	13	97	3.04			-1.4	1.7		398079.9	6907362.13	1121
1124844	26/08/2016	191042	35	N	1587.5		24.8	-2.9	1.8	32	98	3.17			-2.9	1.8		398087.67	6907370.68	1119
1124844	26/08/2016	191130	35	N	1600		24.8	13.6	11.5	33	97	3.17			13.6	11.5		398093.65	6907383.26	1118
1124844	26/08/2016	191218	35	N	1612.5		24.8	23.3	14.4	9	98	3.02			23.3	14.4		398098.88	6907394.6	1119
1124844	26/08/2016	191254	35	N	1625		24.8	22.1	9.7	-1	98	3.01			22.1	9.7	better data fit	398106.95	6907405.07	1119
1124844	26/08/2016	191310	35	N	1625		24.8	19.8	7.8	11	97	3.03	1					398106.88	6907403.17	1118
1124844	26/08/2016	191354	35	N	1637.5		24.8	38	15.6	-15	98	3.05			38	15.6		398117.34	6907417.66	1120
1124844	26/08/2016	191438	35	N	1650		24.8	37.2	14.1	-18	98	3.07			37.2	14.1		398124.73	6907424.23	1118
1124844	26/08/2016	191514	35	N	1662.5		24.8	32.9	9.8	-25	98	3.11			32.9	9.8		398130.16	6907433.6	1119
1124844	26/08/2016	191546	35	N	1675		24.8	30	6	-36	97	3.19			30	6		398139.44	6907441.38	1113
1124844	26/08/2016	191622	35	N	1687.5		24.8	26.7	2	-19	98	3.07			26.7	2		398145.81	6907451.92	1112
1124844	26/08/2016	191706	35	N	1700		24.8	34.7	10.3	8	98	3.02			34.7	10.3		398148.84	6907460.5	1111
1124844	26/08/2016	191746	35	N	1712.5		24.8	29.3	8.2	48	95	3.29			29.3	8.2		398157.32	6907471.34	1111
1124844	26/08/2016	191834	35	N	1725		24.8	29.8	7.5	20	97	3.06			29.8	7.5		398165.41	6907481.92	1110

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Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	191942	35	N	1737.5		24.8	27.3	5.6	26	97	3.11			27.3	5.6		398172.27	6907491.57	1109
1124844	26/08/2016	192014	35	N	1750		24.8	25	3.4	13	98	3.04			25	3.4		398179.56	6907503.87	1109
1124844	26/08/2016	192050	35	N	1762.5		24.8	28.4	7.9	1	98	3.01			28.4	7.9		398186.85	6907514.97	1108
1124844	26/08/2016	192118	35	N	1775		24.8	30.2	12.2	16	97	3.04			30.2	12.2		398192.62	6907522.74	1104
1124844	26/08/2016	192150	35	N	1787.5		24.8	29.9	13.6	5	97	2.99			29.9	13.6		398198.88	6907531.57	1103
1124844	26/08/2016	192226	35	N	1800		24.8	28.1	11.6	8	95	2.94			28.1	11.6		398205.75	6907543.49	1100
1124844	26/08/2016	192322	35	N	1812.5		24.8	20.6	7	37	93	3.09			20.6	7		398210.29	6907553.96	1098
1124844	26/08/2016	192358	35	N	1825		24.8	18.2	4.3	18	96	3.02			18.2	4.3		398214.76	6907565.91	1097
1124844	26/08/2016	192438	35	N	1837.5		24.8	18.6	7.1	22	97	3.06			18.6	7.1		398221.18	6907576.48	1094
1124844	26/08/2016	192510	35	N	1850		24.8	18.2	6.7	-7	97	3.01			18.2	6.7		398227.51	6907584.06	1090
1124844	26/08/2016	192542	35	N	1862.5		24.8	18.3	7	-7	96	2.98			18.3	7		398232.89	6907596.84	1088
1124844	26/08/2016	192622	35	N	1875		24.8	13.9	4.9	5	98	3.02			13.9	4.9		398242.45	6907605.35	1088
1124844	26/08/2016	192654	35	N	1887.5		24.8	15	5.3	15	97	3.04			15	5.3		398248.79	6907615.13	1086
1124844	26/08/2016	192730	35	N	1900		24.8	17.9	9	18	98	3.06			17.9	9		398255.35	6907627.61	1085
1124844	26/08/2016	193046	35	N	1912.5		24.8	21.5	10.8	-1	98	3.01			21.5	10.8		398265.53	6907634.99	1081
1124844	26/08/2016	193130	35	N	1925		24.8	22.4	13.4	-7	97	2.99			22.4	13.4		398271.4	6907643.85	1079
1124844	26/08/2016	193202	35	N	1937.5		24.8	22.7	12.9	-6	97	3.01			22.7	12.9		398278.49	6907653.67	1078
1124844	26/08/2016	193234	35	N	1950		24.8	21.4	12.6	-13	96	2.99			21.4	12.6		398288.01	6907661.1	1076
1124844	26/08/2016	193302	35	N	1962.5		24.8	16.8	8.3	3	97	3			16.8	8.3		398296.42	6907669.9	1074
1124844	26/08/2016	193334	35	N	1975		24.8	17	5.7	10	97	3.02			17	5.7		398304	6907680.96	1071
1124844	26/08/2016	193402	35	N	1987.5		24.8	19.6	5.7	14	98	3.04			19.6	5.7		398311.45	6907689.87	1070
1124844	26/08/2016	193438	35	N	2000		24.8	25	7.7	0	97	3.01			25	7.7		398320.05	6907702.68	1066
1124844	26/08/2016	193506	35	N	2012.5		24.8	26.8	4.1	10	98	3.03			26.8	4.1		398326.15	6907711.18	1065
1124844	26/08/2016	193538	35	N	2025		24.8	34.4	10.3	-8	98	3.02			34.4	10.3		398332.75	6907720.36	1064
1124844	26/08/2016	193614	35	N	2037.5		24.8	32.8	12.6	32	96	3.14			32.8	12.6		398339.52	6907731.96	1060
1124844	26/08/2016	193706	35	N	2050		24.8	32.2	11.4	17	95	2.97			32.2	11.4		398345.8	6907740.4	1058
1124844	26/08/2016	193742	35	N	2062.5		24.8	25	1.6	14	97	3.04			25	1.6		398354.72	6907753.22	1054
1124844	26/08/2016	193826	35	N	2075		24.8	27.2	3.4	42	96	3.24			27.2	3.4		398360.84	6907764.44	1052
1124844	26/08/2016	193906	35	N	2087.5		24.8	32.4	5	-1	97	2.98			32.4	5		398367.3	6907771.19	1051
1124844	26/08/2016	193942	35	N	2100		24.8	33.9	6.2	17	95	2.98			33.9	6.2		398374.72	6907779.99	1052
1124844	26/08/2016	194014	35	N	2112.5		24.8	33.7	4.8	6	92	2.83			33.7	4.8		398379.66	6907791.24	1053
1124844	26/08/2016	194050	35	N	2125		24.8	31.7	4.8	24	91	2.9			31.7	4.8		398385.45	6907800.71	1054
1124844	26/08/2016	194126	35	N	2137.5		24.8	30.9	3.2	2	91	2.81			30.9	3.2		398394.88	6907809.64	1053
1124844	26/08/2016	194202	35	N	2150		24.8	29	3.6	8	90	2.79			29	3.6		398402.92	6907820.01	1052
1124844	26/08/2016	194234	35	N	2162.5		24.8	28.2	3.6	-11	88	2.73			28.2	3.6		398408.61	6907829.62	1053
1124844	26/08/2016	194302	35	N	2175		24.8	23.6	1.9	1	89	2.73			23.6	1.9		398416.09	6907841.01	1051
1124844	26/08/2016	194338	35	N	2187.5		24.8	19.4	-0.6	7	91	2.82			19.4	-0.6		398424.46	6907853.21	1050
1124844	26/08/2016	194418	35	N	2200		24.8	13.9	-3.5	14	91	2.83			13.9	-3.5		398428.5	6907865.68	1048
1124844	26/08/2016	194446	35	N	2212.5		24.8	15.1	0.8	17	95	2.97			15.1	0.8		398436.5	6907872.7	1047
1124844	26/08/2016	194526	35	N	2225		24.8	16.8	4.1	8	94	2.91			16.8	4.1		398442.75	6907882.76	1046
1124844	26/08/2016	194558	35	N	2237.5		24.8	15.2	4.5	16	95	2.97			15.2	4.5		398453.04	6907892.5	1044
1124844	26/08/2016	194626	35	N	2250		24.8	18.7	7.9	24	95	3.03			18.7	7.9		398457.51	6907901.91	1044
1124844	26/08/2016	194654	35	N	2262.5		24.8	19.2	10.9	24	94	3.01			19.2	10.9		398464.84	6907912.03	1042
1124844	26/08/2016	194722	35	N	2275		24.8	24.1	15.4	1	93	2.87			24.1	15.4		398472.28	6907920.57	1040
1124844	26/08/2016	194754	35	N	2287.5		24.8	19.4	10.5	12	91	2.84			19.4	10.5		398479.31	6907931.22	1038
1124844	26/08/2016	194826	35	N	2300		24.8	18.9	5.4	-13	90	2.82			18.9	5.4		398487.17	6907941.98	1038
1124844	26/08/2016	194858	35	N	2312.5		24.8	14.8	6.1	45	91	3.13			14.8	6.1		398490.79	6907953.7	1037
1124844	26/08/2016	194934	35	N	2325		24.8	18.2	9.3	29	94	3.03			18.2	9.3		398497.98	6907963.04	1032
1124844	26/08/2016	195026	35	N	2337.5		24.8	22.3	11.9	19	94	2.97			22.3	11.9		398506.59	6907972.53	1029
1124844	26/08/2016	195058	35	N	2350		24.8	27	15.2	16	90	2.83	1					398514.35	6907981.67	1028
1124844	26/08/2016	195118	35	N	2350		24.8	25.2	13.1	18	92	2.89			25.2	13.1		398515.13	6907981.8	1028
1124844	26/08/2016	195158	35	N	2362.5		24.8	26.8	14.3	8	90	2.78			26.8	14.3		398521.33	6907991.59	1024
1124844	26/08/2016	195238	35	N	2375		24.8	30.4	18	24	85	2.73			30.4	18		398525.96	6908001.82	1019
1124844	26/08/2016	195258	35	N	2375		24.8	31.5	18.9	9	86	2.66	2					398525.81	6908002.36	1019
1124844	26/08/2016	195314	35	N	2375		24.8	30.6	16.7	0	86	2.66	1					398525.77	6908002.38	1019
1124844	26/08/2016	195330	35	N	2375		24.8	29.9	16.4	0	86	2.65	1					398525.74	6908002.39	1019
8042728	26/08/2016	234846	37	N	0		24.8	7.9	-10.6	-19	58	3.79	1					397360.47	6905972.93	1187
8042728	26/08/2016	234902	37	N	0		24.8	7.9	-10.8	-19	59	3.86			7.9	-10.8		397360.24	6905973.11	1187
8042728	26/08/2016	235006	37	N	0		24.8	7.1	-12.4	-11	60	3.78	2					397358.58	6905976.44	1181
8042728	26/08/2016	234754	37	N	12.5		24.8	8.7	-6.8	-25	58	3.92			8.7	-6.8		397365.63	6905988.13	1183
8042728	26/08/2016	234810	37	N	12.5		24.8	8.7	-7.3	-22	58	3.84	1					397365.41	6905988.07	1183
8042728	26/08/2016	234722	37	N	25		24.8	8.4	-7	-26	59	3.98			8.4	-7		397368.95	6905997.96	1186
8042728	26/08/2016	234654	37	N	37.5		24.8	7.8	-6.5	-21	59	3.87			7.8	-6.5		397373.32	6906008.21	1186
8042728	26/08/2016	234610	37	N	50		24.8	6.3	-6.6	-11	60	3.79			6.3	-6.6		397380.48	6906020.81	1186
8042728	26/08/2016	234542	37	N	62.5		24.8	6.5	-3.7	-16	59	3.77			6.5	-3.7		397386.6	6906028.57	1189
8042728	26/08/2016	234450	37	N	75		24.8	2.1	-7.3	-5	57	3.54			2.1	-7.3		397396.24	6906039.12	1192

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	234418	37	N	87.5		24.8	-3.1	-10.1	-12	57	3.61			-3.1	-10.1		397405.55	6906049.34	1194
8042728	26/08/2016	234346	37	N	100		24.8	-3.3	-6.2	-13	55	3.48			-3.3	-6.2		397413.09	6906059.96	1194
8042728	26/08/2016	234310	37	N	112.5		24.8	-6.2	-9.1	-9	56	3.52			-6.2	-9.1		397418.94	6906069.92	1196
8042728	26/08/2016	234242	37	N	125		24.8	-12	-11.9	-24	54	3.69			-12	-11.9		397424.6	6906079.87	1197
8042728	26/08/2016	234158	37	N	137.5		24.8	-15.7	-15.1	-15	58	3.73			-15.7	-15.1		397430.91	6906085.47	1199
8042728	26/08/2016	234122	37	N	150		24.8	-12.7	-10.1	-7	64	4.01			-12.7	-10.1		397440.41	6906099.82	1202
8042728	26/08/2016	234042	37	N	162.5		24.8	-10	-6.8	-12	64	4.05			-10	-6.8		397447.35	6906108.19	1203
8042728	26/08/2016	234002	37	N	175		24.8	-6.4	-0.4	-6	60	3.76			-6.4	-0.4		397454.63	6906120.23	1206
8042728	26/08/2016	233930	37	N	187.5		24.8	-8	-0.6	-7	61	3.83			-8	-0.6		397461.04	6906129.07	1209
8042728	26/08/2016	233902	37	N	200		24.8	-10.8	-2.4	-8	59	3.71			-10.8	-2.4		397467.7	6906138.14	1212
8042728	26/08/2016	233830	37	N	212.5		24.8	-14.8	-3.8	-14	59	3.74			-14.8	-3.8		397475.04	6906147.29	1216
8042728	26/08/2016	233754	37	N	225		24.8	-16.6	-3.6	-9	60	3.75			-16.6	-3.6		397482.01	6906159.06	1219
8042728	26/08/2016	233722	37	N	237.5		24.8	-18.2	-2.4	-20	60	3.91			-18.2	-2.4		397489.45	6906167.29	1221
8042728	26/08/2016	233650	37	N	250		24.8	-19.8	-2.7	-1	61	3.77			-19.8	-2.7		397495.38	6906176.66	1223
8042728	26/08/2016	233614	37	N	262.5		24.8	-22.8	-4.1	-1	62	3.84			-22.8	-4.1		397501.73	6906189.51	1224
8042728	26/08/2016	233546	37	N	275		24.8	-25.4	-5.4	-7	61	3.8			-25.4	-5.4		397510.85	6906196.42	1226
8042728	26/08/2016	233502	37	N	287.5		24.8	-27.8	-5.9	-14	64	4.08			-27.8	-5.9		397517.82	6906204.63	1229
8042728	26/08/2016	233434	37	N	300		24.8	-30.9	-7.4	-15	67	4.23			-30.9	-7.4		397524.92	6906215.65	1230
8042728	26/08/2016	233358	37	N	312.5		24.8	-28.4	-2.5	-16	69	4.39			-28.4	-2.5		397532.94	6906227.39	1230
8042728	26/08/2016	233302	37	N	325		24.8	-27.1	-1	-13	70	4.4	1					397539.13	6906235.65	1231
8042728	26/08/2016	233322	37	N	325		24.8	-26.7	-0.4	-15	69	4.39			-26.7	-0.4		397538.88	6906235.67	1231
8042728	26/08/2016	233226	37	N	337.5		24.8	-26.7	-0.3	-13	71	4.47			-26.7	-0.3		397546.6	6906245.58	1231
8042728	26/08/2016	233134	37	N	350		24.8	-27.8	-1.1	-9	74	4.63			-27.8	-1.1		397553.95	6906255.82	1231
8042728	26/08/2016	233058	37	N	362.5		24.8	-26.1	-0.9	-17	74	4.73			-26.1	-0.9		397561.92	6906266.32	1231
8042728	26/08/2016	233018	37	N	375		24.8	-23.3	-2	-22	81	5.2			-23.3	-2		397571.45	6906278.78	1231
8042728	26/08/2016	232938	37	N	387.5		24.8	-11.2	6.1	-17	87	5.47			-11.2	6.1		397576.8	6906287.73	1231
8042728	26/08/2016	232846	37	N	400		24.8	-8.8	5.7	-28	78	5.11			-8.8	5.7		397582.99	6906299.45	1232
8042728	26/08/2016	232810	37	N	412.5		24.8	-8.3	1.6	-25	85	5.46			-8.3	1.6		397589.25	6906309.17	1232
8042728	26/08/2016	232734	37	N	425		24.8	-5.6	-2.2	-22	87	5.56			-5.6	-2.2		397596.68	6906320.7	1231
8042728	26/08/2016	232658	37	N	437.5		24.8	0	-2.2	-25	88	5.64			0	-2.2		397603.74	6906331.51	1231
8042728	26/08/2016	232618	37	N	450		24.8	7.1	0.3	-30	89	5.83			7.1	0.3		397609.26	6906340.77	1230
8042728	26/08/2016	232550	37	N	462.5		24.8	15	3.4	-23	89	5.69			15	3.4		397615.49	6906347.67	1230
8042728	26/08/2016	232450	37	N	475		24.8	22.9	7.2	-19	84	5.34			22.9	7.2		397621.8	6906358.97	1230
8042728	26/08/2016	232406	37	N	487.5		24.8	26.6	9.5	-19	79	5.02			26.6	9.5		397630.54	6906372.04	1229
8042728	26/08/2016	232330	37	N	500		24.8	27	9.2	-18	77	4.91			27	9.2		397638.12	6906382.98	1229
8042728	26/08/2016	232254	37	N	512.5		24.8	24.3	6.2	-16	74	4.67			24.3	6.2		397644.56	6906392.8	1228
8042728	26/08/2016	232110	37	N	525		24.8	22.2	5	-16	70	4.44			22.2	5		397651.87	6906404.76	1227
8042728	26/08/2016	232034	37	N	537.5		24.8	19.5	3.2	-20	71	4.55			19.5	3.2		397658.98	6906414.87	1227
8042728	26/08/2016	231950	37	N	550		24.8	14.7	0.3	-32	69	4.73			14.7	0.3		397665.39	6906423.75	1226
8042728	26/08/2016	231914	37	N	562.5		24.8	14.7	-0.6	-10	71	4.41			14.7	-0.6		397671.26	6906434.3	1226
8042728	26/08/2016	231834	37	N	575		24.8	11.5	-1.7	-30	71	4.78			11.5	-1.7		397676.84	6906444.16	1224
8042728	26/08/2016	231758	37	N	587.5		24.8	8.2	-3.1	-28	72	4.78			8.2	-3.1		397681.16	6906453.98	1224
8042728	26/08/2016	231718	37	N	600		24.8	5.7	-4.4	-29	76	5.01			5.7	-4.4		397687.81	6906465.49	1223
8042728	26/08/2016	231626	37	N	612.5		24.8	5.1	-4.5	-18	78	4.97			5.1	-4.5		397693.05	6906476.98	1221
8042728	26/08/2016	231542	37	N	625		24.8	22	8.7	-11	84	5.26			22	8.7		397702.13	6906486.47	1219
8042728	26/08/2016	231454	37	N	637.5		24.8	27.3	12.4	-10	79	4.91			27.3	12.4		397710.08	6906496.34	1218
8042728	26/08/2016	231354	37	N	650		24.8	28.2	16.2	-17	70	4.45			28.2	16.2		397720.09	6906508.05	1218
8042728	26/08/2016	231318	37	N	662.5		24.8	25.8	13.5	-7	70	4.33			25.8	13.5		397723.94	6906515.77	1217
8042728	26/08/2016	231234	37	N	675		24.8	21.7	10.6	-13	68	4.31			21.7	10.6		397734.41	6906526.41	1216
8042728	26/08/2016	231146	37	N	687.5		24.8	20.7	9.6	-10	67	4.19			20.7	9.6		397742.94	6906537.51	1216
8042728	26/08/2016	231110	37	N	700		24.8	17.6	7.5	-13	67	4.23			17.6	7.5		397749.06	6906545.45	1215
8042728	26/08/2016	231022	37	N	712.5		24.8	14	4.8	-11	68	4.25			14	4.8		397757.44	6906555.84	1214
8042728	26/08/2016	230934	37	N	725		24.8	12.9	5.7	-19	67	4.31			12.9	5.7		397764.03	6906563.89	1212
8042728	26/08/2016	230918	37	N	737.5		24.8	13.5	5.4	-14	67	4.22			13.5	5.4		397764.09	6906563.85	1212
8042728	26/08/2016	230838	37	N	750		24.8	11.9	4.6	-10	67	4.19			11.9	4.6		397772.34	6906573.87	1211
8042728	26/08/2016	230750	37	N	762.5		24.8	9.2	4.7	-9	66	4.15			9.2	4.7		397780.94	6906585.07	1210
8042728	26/08/2016	230702	37	N	775		24.8	5.8	2.1	-14	67	4.21			5.8	2.1		397787.95	6906595.31	1209
8042728	26/08/2016	230614	37	N	787.5		24.8	3.8	0.7	-8	67	4.21			3.8	0.7		397795.13	6906604.26	1208
8042728	26/08/2016	230530	37	N	800		24.8	3.4	1.9	-27	68	4.55			3.4	1.9		397802.76	6906615.7	1206
8042728	26/08/2016	230458	37	N	812.5		24.8	5.2	4.1	-23	69	4.51			5.2	4.1		397806.94	6906624.41	1206
8042728	26/08/2016	230346	37	N	825		24.8	2.5	1.9	-29	69	4.61			2.5	1.9		397814.47	6906638.28	1204
8042728	26/08/2016	230246	37	N	837.5		24.8	3.9	4.4	-31	68	4.63			3.9	4.4		397820.42	6906648.61	1203
8042728	26/08/2016	230130	37	N	850		24.8	4.4	4.5	-24	68	4.47			4.4	4.5		397825.89	6906657.28	1201
8042728	26/08/2016	230038	37	N	862.5		24.8	3	2.2	-14	71	4.46			3	2.2		397833.12	6906666.54	1200
8042728	26/08/2016	225958	37	N	875		24.8	1.7	2.3	-28	69	4.64			1.7	2.3		397840.19	6906675.91	1199
8042728	26/08/2016	225858	37	N	887.5		24.8	0	0.1	-31	72	4.86			0	0.1		397848.46	6906687.45	1197

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	225810	37	N	900		24.8	3.6	3.8	-25	75	4.89			3.6	3.8		397855.24	6906697.7	1196
8042728	26/08/2016	225726	37	N	912.5		24.8	4.9	4.6	-12	76	4.73			4.9	4.6		397861.18	6906706.28	1194
8042728	26/08/2016	225630	37	N	925		24.8	0.7	0.3	-30	73	4.89			0.7	0.3		397868.95	6906718.74	1191
8042728	26/08/2016	225550	37	N	937.5		24.8	-0.2	-3	-16	76	4.83			-0.2	-3		397873.8	6906729.42	1189
8042728	26/08/2016	225510	37	N	950		24.8	1.9	-2.8	-24	78	5.04			1.9	-2.8		397882.37	6906739.4	1187
8042728	26/08/2016	225430	37	N	962.5		24.8	4.7	-3.3	-25	84	5.44			4.7	-3.3		397889.62	6906749.18	1185
8042728	26/08/2016	225354	37	N	975		24.8	13.3	1.4	-25	90	5.79			13.3	1.4		397896.43	6906760.54	1183
8042728	26/08/2016	225254	37	N	987.5		24.8	28.1	13.4	-52	85	6.18			28.1	13.4		397901.36	6906771.78	1180
8042728	26/08/2016	225210	37	N	1000		24.8	46.4	36.1	-32	77	5.17			46.4	36.1		397905.98	6906782.3	1177
8042728	26/08/2016	224954	37	N	1012.5		24.8	38.6	33.5	-28	67	4.49			38.6	33.5		397914.97	6906792.84	1175
8042728	26/08/2016	224910	37	N	1025		24.8	34.3	29.7	-23	65	4.29			34.3	29.7		397921.64	6906801.62	1173
8042728	26/08/2016	224826	37	N	1037.5		24.8	25.5	23.8	-30	62	4.29			25.5	23.8		397929.12	6906811.38	1170
8042728	26/08/2016	224738	37	N	1050		24.8	21.8	23.4	-30	61	4.21			21.8	23.4		397935.91	6906821.09	1167
8042728	26/08/2016	224634	37	N	1062.5		24.8	17	19.6	-32	61	4.28			17	19.6		397943.2	6906831.81	1164
8042728	26/08/2016	224538	37	N	1075		24.8	14.3	16.2	-17	67	4.29			14.3	16.2		397951.35	6906840.75	1160
8042728	26/08/2016	224458	37	N	1087.5		24.8	12.8	16.6	-13	65	4.09			12.8	16.6		397957.74	6906849.44	1157
8042728	26/08/2016	224418	37	N	1100		24.8	8.8	13.1	-18	68	4.35			8.8	13.1		397965.91	6906860.18	1154
8042728	26/08/2016	224338	37	N	1112.5		24.8	7.4	11.8	-22	68	4.45			7.4	11.8		397972.24	6906868.35	1151
8042728	26/08/2016	224254	37	N	1125		24.8	8.9	12.8	-21	70	4.5			8.9	12.8		397979.91	6906878.22	1147
8042728	26/08/2016	224158	37	N	1137.5		24.8	9.7	11.6	-13	73	4.61			9.7	11.6		397988.06	6906888.29	1144
8042728	26/08/2016	224118	37	N	1150		24.8	10.2	11.3	-4	73	4.53			10.2	11.3		397994.81	6906897.65	1141
8042728	26/08/2016	224030	37	N	1162.5		24.8	9.3	8.6	-9	73	4.57			9.3	8.6		398003.34	6906906.97	1139
8042728	26/08/2016	223950	37	N	1175		24.8	11	8.2	-20	76	4.86			11	8.2		398008.42	6906918.09	1135
8042728	26/08/2016	223754	37	N	1187.5		24.8	15.4	8.8	-97	127	4.95			15.4	8.8		398012.92	6906928.9	1131
8042728	26/08/2016	223714	37	N	1200		24.8	37.2	16.3	-127	127	2.78			37.2	16.3		398015.81	6906938.8	1128
8042728	26/08/2016	221546	37	N	1212.5		24.8	24.8	38	1	6	0.4	2					398021.85	6906950.44	1129
8042728	26/08/2016	221634	37	N	1212.5		24.8	29	30.2	5	15	0.49	2					398021.43	6906949.61	1127
8042728	26/08/2016	221822	37	N	1212.5		24.8	28.4	21	8	31	0.49	2					398021.08	6906949.15	1123
8042728	26/08/2016	221958	37	N	1212.5		24.8	27.9	20.4	24	65	0.53	2					398021.62	6906949.5	1126
8042728	26/08/2016	222046	37	N	1212.5		24.8	28.3	20.3	27	57	0.48	1					398022.04	6906949.35	1125
8042728	26/08/2016	222234	37	N	1212.5		24.8	25.9	19.1	24	57	0.48	2					398021.53	6906949.05	1123
8042728	26/08/2016	222418	37	N	1212.5		24.8	27.9	20.3	24	62	0.51	2					398021.1	6906949.11	1126
8042728	26/08/2016	222554	37	N	1212.5		24.8	28.6	21.1	17	66	0.52			28.6	21.1		398021.01	6906948.42	1124
8042728	26/08/2016	223558	37	N	1212.5		24.8	63.1	31.4	-127	127	1.39	9					398021.05	6906949.08	1125
8042728	26/08/2016	221438	37	N	1225		24.8	41.5	19.5	-6	72	4.46			41.5	19.5		398030.06	6906961.87	1127
8042728	26/08/2016	221338	37	N	1237.5		24.8	42.1	18.3	-11	69	4.31			42.1	18.3		398038.77	6906974.39	1127
8042728	26/08/2016	221250	37	N	1250		24.8	41.8	15.4	1	66	4.1			41.8	15.4		398044.25	6906980.89	1126
8042728	26/08/2016	221154	37	N	1262.5		24.8	38.4	13.9	-15	64	4.06			38.4	13.9		398049.94	6906987.58	1121
8042728	26/08/2016	221042	37	N	1275		24.8	39	13.2	2	60	3.72			39	13.2		398058.69	6906998.68	1117
8042728	26/08/2016	220954	37	N	1287.5		24.8	34.4	10.2	-8	61	3.8			34.4	10.2		398065.16	6907005.6	1101
8042728	26/08/2016	220846	37	N	1300		24.8	32.5	7.9	-7	61	3.82			32.5	7.9		398076.65	6907011.96	1106
8042728	26/08/2016	220754	37	N	1312.5		24.8	31.5	9.5	-3	62	3.84			31.5	9.5		398082.89	6907020.95	1104
8042728	26/08/2016	220710	37	N	1325		24.8	24.4	8.7	-43	53	4.22			24.4	8.7		398090.53	6907031.75	1101
8042728	26/08/2016	220630	37	N	1337.5		24.8	25.2	9.2	-29	57	3.95			25.2	9.2		398096.08	6907040.59	1099
8042728	26/08/2016	220538	37	N	1350		24.8	27	8.8	-13	60	3.82			27	8.8		398100.91	6907050.98	1097
8042728	26/08/2016	220438	37	N	1362.5		24.8	27.6	11.7	-21	57	3.74			27.6	11.7		398104.81	6907061.77	1094
8042728	26/08/2016	220358	37	N	1375		24.8	24.8	9.2	-21	59	3.89			24.8	9.2		398112.11	6907070.64	1092
8042728	26/08/2016	220318	37	N	1387.5		24.8	24.3	11.4	-31	54	3.89			24.3	11.4		398119.74	6907080.13	1090
8042728	26/08/2016	220218	37	N	1400		24.8	22.9	8.5	-18	57	3.72			22.9	8.5		398127.68	6907091.41	1088
8042728	26/08/2016	220142	37	N	1412.5		24.8	22.2	7.9	-20	58	3.81			22.2	7.9		398135.45	6907101.64	1087
8042728	26/08/2016	220102	37	N	1425		24.8	21.7	8.4	-30	56	3.92			21.7	8.4		398142.27	6907111.52	1083
8042728	26/08/2016	220010	37	N	1437.5		24.8	23.2	10.7	-20	57	3.74			23.2	10.7		398147.94	6907122.52	1083
8042728	26/08/2016	215914	37	N	1450		24.8	20.9	8.8	-24	57	3.8			20.9	8.8		398155.25	6907134.49	1084
8042728	26/08/2016	215834	37	N	1462.5		24.8	18.6	7.2	-19	55	3.62			18.6	7.2		398161.25	6907142.78	1080
8042728	26/08/2016	215746	37	N	1475		24.8	14.9	5.7	-23	55	3.71			14.9	5.7		398168.42	6907152.85	1079
8042728	26/08/2016	215654	37	N	1487.5		24.8	13	4.7	-15	56	3.6			13	4.7		398176.1	6907163.1	1076
8042728	26/08/2016	215610	37	N	1500		24.8	9.2	5.1	-27	55	3.79			9.2	5.1		398183.39	6907173.84	1078
8042728	26/08/2016	215514	37	N	1512.5		24.8	10.8	7.1	-15	57	3.64			10.8	7.1		398187.79	6907179.97	1079
8042728	26/08/2016	215434	37	N	1525		24.8	6.6	5	-25	55	3.76			6.6	5		398195.06	6907191.66	1079
8042728	26/08/2016	215358	37	N	1537.5		24.8	0.2	0.1	-22	56	3.73			0.2	0.1		398203.5	6907201.37	1081
8042728	26/08/2016	215318	37	N	1550		24.8	-3.3	-3.3	-18	58	3.79			-3.3	-3.3		398209.85	6907211.17	1082
8042728	26/08/2016	215334	37	N	1550		24.8	-2.3	-2.9	-16	60	3.83	1					398210	6907210.44	1082
8042728	26/08/2016	215222	37	N	1562.5		24.8	-3.5	-5.5	-11	66	4.11			-3.5	-5.5		398217.23	6907224.34	1081
8042728	26/08/2016	215134	37	N	1575		24.8	4.9	-0.3	-15	72	4.56			4.9	-0.3		398224.3	6907233.34	1081
8042728	26/08/2016	215058	37	N	1587.5		24.8	22.6	11	-8	67	4.15			22.6	11		398234.79	6907242.41	1084
8042728	26/08/2016	215022	37	N	1600		24.8	23.6	11.4	-12	61	3.84			23.6	11.4		398241.96	6907250.05	1083

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	214841	37	N	1612.5		24.8	19.9	7.4	0	60	3.73			19.9	7.4		398248.21	6907261.3	1087
8042728	26/08/2016	214857	37	N	1612.5		24.8	20.8	8.9	-4	60	3.71	1					398248.55	6907261.18	1087
8042728	26/08/2016	214922	37	N	1612.5		24.8	19	7.5	-1	59	3.64	2					398248.8	6907260.88	1084
8042728	26/08/2016	214938	37	N	1612.5		24.8	19.8	8	-1	59	3.64	2					398248.86	6907260.33	1083
8042728	26/08/2016	214514	37	N	1625		24.8	15	4.3	-13	59	3.72			15	4.3		398253.76	6907270.06	1084
8042728	26/08/2016	214546	37	N	1625		24.8	15.4	4.7	-12	59	3.72			15.4	4.7		398257.12	6907268.69	1080
8042728	26/08/2016	214422	37	N	1637.5		24.8	9	-0.4	-9	58	3.66			9	-0.4		398260.78	6907283.11	1084
8042728	26/08/2016	214342	37	N	1650		24.8	5.2	-2.3	-17	61	3.92			5.2	-2.3		398265.64	6907293.14	1085
8042728	26/08/2016	214246	37	N	1662.5		24.8	3	-6.2	4	62	3.87	1					398275.28	6907302.83	1086
8042728	26/08/2016	214302	37	N	1662.5		24.8	3.2	-5	-7	63	3.95			3.2	-5		398274.57	6907303.04	1084
8042728	26/08/2016	214206	37	N	1675		24.8	4.9	-3.5	-9	66	4.16			4.9	-3.5		398283.04	6907311.37	1088
8042728	26/08/2016	214122	37	N	1687.5		24.8	17.4	4.6	-20	69	4.41			17.4	4.6		398287.78	6907323.41	1084
8042728	26/08/2016	214026	37	N	1700		24.8	22.9	7	-15	66	4.19			22.9	7		398294.2	6907329.22	1082
8042728	26/08/2016	213938	37	N	1712.5		24.8	23.3	3.8	-14	63	4.01			23.3	3.8		398301.39	6907340.93	1080
8042728	26/08/2016	213850	37	N	1725		24.8	24.5	2.5	-8	62	3.9			24.5	2.5		398308.22	6907351.94	1082
8042728	26/08/2016	213802	37	N	1737.5		24.8	30.7	8.8	-3	60	3.75			30.7	8.8		398316.36	6907362.31	1079
8042728	26/08/2016	213718	37	N	1750		24.8	22.7	2.7	-23	58	3.9			22.7	2.7		398322.49	6907372.3	1082
8042728	26/08/2016	213630	37	N	1762.5		24.8	25.1	4.9	-11	57	3.62			25.1	4.9		398330.43	6907383.03	1083
8042728	26/08/2016	213546	37	N	1775		24.8	20.2	1.2	-15	58	3.71			20.2	1.2		398334.78	6907388.52	1082
8042728	26/08/2016	213454	37	N	1787.5		24.8	16.6	-1.7	-20	57	3.75			16.6	-1.7		398341.58	6907401.85	1079
8042728	26/08/2016	213338	37	N	1800		24.8	14	-0.7	-46	50	4.22			14	-0.7		398348.41	6907410.99	1077
8042728	26/08/2016	213402	37	N	1800		24.8	16.2	-1.7	-22	58	3.86	1					398349.4	6907411.53	1077
8042728	26/08/2016	213246	37	N	1812.5		24.8	19.6	-0.2	-12	59	3.74			19.6	-0.2		398356.91	6907423.24	1076
8042728	26/08/2016	213150	37	N	1825		24.8	22.9	3.8	-15	57	3.68	1					398363.71	6907433.54	1076
8042728	26/08/2016	213206	37	N	1825		24.8	23.6	4.5	-13	59	3.76			23.6	4.5		398363.54	6907433.46	1076
8042728	26/08/2016	213034	37	N	1837.5		24.8	21.3	3.1	-21	58	3.82			21.3	3.1		398371.54	6907444.64	1073
8042728	26/08/2016	212930	37	N	1850		24.8	20.8	3.3	-21	56	3.74			20.8	3.3		398377.62	6907453.53	1072
8042728	26/08/2016	212842	37	N	1862.5		24.8	20.8	3.1	-18	57	3.72			20.8	3.1		398384.9	6907460.81	1073
8042728	26/08/2016	212754	37	N	1875		24.8	21.9	3.4	-5	56	3.47			21.9	3.4		398395.26	6907469.31	1073
8042728	26/08/2016	212710	37	N	1887.5		24.8	18.5	2.3	-10	56	3.51			18.5	2.3		398401.56	6907479.55	1069
8042728	26/08/2016	212550	37	N	1900		24.8	14.9	0.9	-27	53	3.73	1					398411.03	6907491.82	1068
8042728	26/08/2016	212610	37	N	1900		24.8	17.7	0.8	-10	56	3.56			17.7	0.8	best data fit	398410.99	6907491.51	1067
8042728	26/08/2016	212626	37	N	1900		24.8	17.5	1	-12	56	3.57	1					398410.93	6907491.11	1067
8042728	26/08/2016	212514	37	N	1912.5		24.8	15.9	1.5	-21	54	3.6			15.9	1.5		398412.57	6907501.94	1067
8042728	26/08/2016	212334	37	N	1925		24.8	15.7	1.4	-23	55	3.68			15.7	1.4		398418.32	6907512.35	1068
8042728	26/08/2016	212242	37	N	1937.5		24.8	15.8	2.1	-23	54	3.64			15.8	2.1		398422.21	6907522.43	1067
8042728	26/08/2016	212130	37	N	1950		24.8	16.8	0.7	-10	56	3.53			16.8	0.7		398430.64	6907533.93	1066
8042728	26/08/2016	212042	37	N	1962.5		24.8	13.1	0.5	-33	53	3.88			13.1	0.5		398438.55	6907544.69	1064
8042728	26/08/2016	212002	37	N	1975		24.8	13.9	-0.7	-17	57	3.71			13.9	-0.7		398442.55	6907553.68	1063
8042728	26/08/2016	211910	37	N	1987.5		24.8	15.4	-0.9	-14	59	3.73			15.4	-0.9		398452.82	6907564.38	1061
8042728	26/08/2016	211822	37	N	2000		24.8	17.9	-1.1	0	61	3.8			17.9	-1.1		398459.11	6907573.22	1059
8042728	26/08/2016	211734	37	N	2012.5		24.8	22.5	0.2	-2	122	3.76			22.5	0.2		398466.93	6907583.89	1058
8042728	26/08/2016	211646	37	N	2025		24.8	23.4	-0.1	-13	120	3.71			23.4	-0.1		398476.12	6907593.91	1057
8042728	26/08/2016	211550	37	N	2037.5		24.8	23.4	-1.6	-9	119	3.67			23.4	-1.6		398483.44	6907603.43	1055
8042728	26/08/2016	211458	37	N	2050		24.8	26.6	1	-15	119	3.69			26.6	1		398490.44	6907615.23	1054
8042728	26/08/2016	211410	37	N	2062.5		24.8	27.1	1.4	-5	117	3.61			27.1	1.4		398495.97	6907625	1051
8042728	26/08/2016	211310	37	N	2075		24.8	29.1	4.6	-26	115	3.65			29.1	4.6		398502.37	6907632.3	1050
8042728	26/08/2016	211218	37	N	2087.5		24.8	29.3	6.2	-32	112	3.6			29.3	6.2		398508.33	6907644.58	1049
8042728	26/08/2016	211126	37	N	2100		24.8	27.6	4.5	-45	110	3.66			27.6	4.5		398515.22	6907652.64	1047
8042728	26/08/2016	211038	37	N	2112.5		24.8	31.2	8.9	-10	110	3.39			31.2	8.9		398523.65	6907663.95	1045
8042728	26/08/2016	210946	37	N	2125		24.8	29.1	7.8	-26	109	3.46			29.1	7.8		398528.5	6907674.99	1042
8042728	26/08/2016	210854	37	N	2137.5		24.8	27	6.2	-19	103	3.24			27	6.2		398536.69	6907685.43	1040
8042728	26/08/2016	210746	37	N	2150		24.8	24.6	6.2	-37	103	3.37			24.6	6.2		398543.55	6907694.45	1039
8042728	26/08/2016	210650	37	N	2162.5		24.8	21.3	6.5	-60	97	3.52			21.3	6.5		398549.44	6907705.05	1033
8042728	26/08/2016	210606	37	N	2175		24.8	22.5	6	-8	103	3.2			22.5	6		398553.35	6907716.35	1032
8042728	26/08/2016	210454	37	N	2187.5		24.8	20.5	5.4	-10	102	3.16	1					398560.56	6907725.05	1031
8042728	26/08/2016	210510	37	N	2187.5		24.8	19.2	4.4	-14	102	3.18			19.2	4.4		398560.87	6907725.51	1031
8042728	26/08/2016	210350	37	N	2200		24.8	13.4	0.6	-27	106	3.38			13.4	0.6		398569.5	6907734.3	1027
8042728	26/08/2016	210314	37	N	2212.5		24.8	10.6	-1.1	-30	104	3.34			10.6	-1.1		398574.08	6907740.01	1026
8042728	26/08/2016	210226	37	N	2225		24.8	7.3	-2.1	-32	113	3.62			7.3	-2.1		398582.66	6907752.39	1024
8042728	26/08/2016	210142	37	N	2237.5		24.8	14.2	2.8	-33	117	3.76			14.2	2.8		398592.9	6907763.91	1021
8042728	26/08/2016	210050	37	N	2250		24.8	13.4	3.4	-58	109	3.82			13.4	3.4		398600.48	6907773.67	1020
8042728	26/08/2016	210006	37	N	2262.5		24.8	17.3	4.6	-49	110	3.73			17.3	4.6		398607.01	6907784.04	1018
8042728	26/08/2016	205910	37	N	2275		24.8	20	5	-31	111	3.55			20	5		398615.75	6907794.36	1017
8042728	26/08/2016	205806	37	N	2287.5		24.8	21.5	4.9	-30	109	3.48			21.5	4.9		398623.97	6907806.6	1018
8042728	26/08/2016	205714	37	N	2300		24.8	18.5	3.1	-54	104	3.62			18.5	3.1		398629.1	6907812.6	1014

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	205638	37	N	2312.5		24.8	18.4	2.1	-40	108	3.56			18.4	2.1		398636.18	6907820.54	1013
8042728	26/08/2016	205454	37	N	2325		24.8	19.2	1.4	-15	112	3.5			19.2	1.4		398643.26	6907832.99	1010
8042728	26/08/2016	205330	37	N	2337.5		24.8	19.6	1.5	-5	110	3.41	1					398651.38	6907841.7	1010
8042728	26/08/2016	205350	37	N	2337.5		24.8	19.7	1.8	-28	110	3.52			19.7	1.8		398650.68	6907841.79	1009
8042728	26/08/2016	205246	37	N	2350.00		24.8	20.5	3.5	-32	109	3.5			20.5	3.5		398656.81	6907849.68	1009
8042728	26/08/2016	205134	37	N	2362.50		24.8	22.5	4.5	-25	108	3.42			22.5	4.5		398664.72	6907858.24	1007
8042728	26/08/2016	205042	37	N	2375.00		24.8	24.1	6.4	-37	105	3.44			24.1	6.4		398672.14	6907869.48	1006
8042728	26/08/2016	204942	37	N	2387.50		24.8	25.6	8.8	-36	98	3.23			25.6	8.8		398682.39	6907884.02	1003
8042728	26/08/2016	204754	37	N	2400.00		24.8	25.5	10.8	-37	95	3.16	1					398688.91	6907893.79	1001
8042728	26/08/2016	204830	37	N	2400.00		24.8	25.4	10.8	-41	96	3.22			25.4	10.8		398688.81	6907894.24	1000
8042728	26/08/2016	204846	37	N	2400.00		24.8	25.6	10.8	-45	96	3.26	2					398688.59	6907893.9	1000
1124844	26/08/2016	234614	39	N	0		24.8	-3.9	1.1	-9	98	3.04			-3.9	1.1		397521.82	6905872.92	1194
1124844	26/08/2016	234630	39	N	0		24.8	-3.7	0.4	-4	98	3.03	1					397522.05	6905872.84	1195
1124844	26/08/2016	234530	39	N	12.5		24.8	-9.6	-3.1	-10	98	3.04			-9.6	-3.1		397531.18	6905883.68	1195
1124844	26/08/2016	234458	39	N	25		24.8	-7	-1.6	-11	98	3.04			-7	-1.6		397538.11	6905893.65	1199
1124844	26/08/2016	234410	39	N	37.5		24.8	-16.8	-7.6	-7	97	3.01			-16.8	-7.6		397545.7	6905904.48	1201
1124844	26/08/2016	234334	39	N	50		24.8	-14.3	-6.4	37	97	3.21			-14.3	-6.4		397550.9	6905913.59	1203
1124844	26/08/2016	234254	39	N	62.5		24.8	-19.3	-8.5	7	98	3.02			-19.3	-8.5		397555.55	6905924.9	1204
1124844	26/08/2016	234222	39	N	75		24.8	-21.5	-9.3	5	98	3.03			-21.5	-9.3		397562.94	6905932.35	1206
1124844	26/08/2016	234150	39	N	87.5		24.8	-20.4	-7.4	44	97	3.29			-20.4	-7.4		397573.03	6905940.72	1210
1124844	26/08/2016	234118	39	N	100		24.8	-24.4	-7.3	16	98	3.06			-24.4	-7.3		397578.72	6905949.95	1211
1124844	26/08/2016	234050	39	N	112.5		24.8	-25.9	-8.1	24	98	3.1			-25.9	-8.1		397585.66	6905958.32	1213
1124844	26/08/2016	234014	39	N	125		24.8	-31.4	-9.6	16	98	3.06			-31.4	-9.6		397592.18	6905967.93	1215
1124844	26/08/2016	233930	39	N	137.5		24.8	-28	-5.9	36	98	3.22			-28	-5.9		397599.48	6905980.25	1218
1124844	26/08/2016	233854	39	N	150		24.8	-29.9	-3.7	21	98	3.09			-29.9	-3.7		397605.76	6905989.93	1220
1124844	26/08/2016	233814	39	N	162.5		24.8	-32.2	-6.1	28	98	3.14			-32.2	-6.1		397616.26	6906001.16	1222
1124844	26/08/2016	233738	39	N	175		24.8	-34.1	-7.4	41	98	3.28			-34.1	-7.4		397621.13	6906013.13	1224
1124844	26/08/2016	233706	39	N	187.5		24.8	-33.1	0.3	9	98	3.04			-33.1	0.3		397628.56	6906022.84	1225
1124844	26/08/2016	233638	39	N	200		24.8	-28.4	2.8	38	98	3.25			-28.4	2.8		397635.19	6906031.45	1226
1124844	26/08/2016	233602	39	N	212.5		24.8	-35.1	1.7	25	98	3.12			-35.1	1.7		397641.1	6906041.74	1227
1124844	26/08/2016	233514	39	N	225		24.8	-37	1.5	18	98	3.08			-37	1.5		397649.12	6906052.72	1229
1124844	26/08/2016	233434	39	N	237.5		24.8	-39.4	1.9	36	98	3.22			-39.4	1.9		397658.39	6906064.61	1232
1124844	26/08/2016	233402	39	N	250		24.8	-43.5	-1.4	16	98	3.07			-43.5	-1.4		397666.89	6906073.32	1233
1124844	26/08/2016	233330	39	N	262.5		24.8	-46.4	-6	37	98	3.24			-46.4	-6		397675.31	6906083.3	1235
1124844	26/08/2016	233258	39	N	275		24.8	-52.3	-7.9	37	98	3.24			-52.3	-7.9		397682.38	6906094.13	1236
1124844	26/08/2016	233222	39	N	287.5		24.8	-52.6	-13.3	69	97	3.68			-52.6	-13.3		397689.43	6906104.9	1237
1124844	26/08/2016	233154	39	N	300		24.8	-55.5	-16.2	74	98	3.79			-55.5	-16.2		397694.93	6906114.6	1240
1124844	26/08/2016	233110	39	N	312.5		24.8	-59.9	-5.1	27	98	3.14			-59.9	-5.1		397701.31	6906126.73	1241
1124844	26/08/2016	233042	39	N	325		24.8	-46.1	-0.8	53	98	3.44			-46.1	-0.8		397707.59	6906137.72	1243
1124844	26/08/2016	233010	39	N	337.5		24.8	-49.7	-5.4	43	98	3.31			-49.7	-5.4		397715.83	6906148	1244
1124844	26/08/2016	232942	39	N	350		24.8	-46.2	-8.8	55	98	3.47			-46.2	-8.8		397721.24	6906158.36	1245
1124844	26/08/2016	232906	39	N	362.5		24.8	-58.4	-18.9	33	98	3.19			-58.4	-18.9		397729.05	6906166.97	1246
1124844	26/08/2016	232834	39	N	375		24.8	-86.6	-45.1	100	100	2.18			-86.6	-45.1		397736.8	6906179.96	1246
1124844	26/08/2016	232802	39	N	387.5		24.8	-62.7	-32.4	92	98	2.07			-62.7	-32.4		397746.5	6906190.51	1248
1124844	26/08/2016	232738	39	N	400		24.8	-4.1	-6.4	101	100	2.19			-4.1	-6.4		397753.13	6906200.25	1248
1124844	26/08/2016	232650	39	N	412.5		24.8	44.5	18.9	96	99	2.13	1					397760.36	6906210.24	1249
1124844	26/08/2016	232710	39	N	412.5		24.8	49.2	19.4	99	100	2.17			49.2	19.4		397760.09	6906210.09	1249
1124844	26/08/2016	232554	39	N	425		24.8	30.9	10.3	100	100	2.19			30.9	10.3		397765.55	6906219.31	1250
1124844	26/08/2016	232518	39	N	437.5		24.8	17	1.8	100	100	2.19			17	1.8		397775.82	6906233.12	1250
1124844	26/08/2016	232446	39	N	450		24.8	24.1	1.9	100	100	2.19			24.1	1.9		397783.63	6906242.05	1250
1124844	26/08/2016	232418	39	N	462.5		24.8	6.9	-6.2	77	98	1.93			6.9	-6.2		397791.5	6906252.68	1250
1124844	26/08/2016	232346	39	N	475		24.8	-7.5	-12.9	86	98	2.01			-7.5	-12.9		397799.1	6906262.56	1250
1124844	26/08/2016	232314	39	N	487.5		24.8	-13.4	-21.9	65	98	1.81			-13.4	-21.9		397806.98	6906274.09	1250
1124844	26/08/2016	232246	39	N	500		24.8	-23.9	-27.4	98	99	2.16			-23.9	-27.4		397814.97	6906284.96	1250
1124844	26/08/2016	232058	39	N	512.5		24.8	-24.7	-34	100	100	2.19			-24.7	-34		397821.83	6906294.92	1250
1124844	26/08/2016	232010	39	N	525		24.8	-31.8	-38.9	96	99	2.13			-31.8	-38.9		397829.13	6906306.06	1250
1124844	26/08/2016	231934	39	N	537.5		24.8	-14.3	-10.9	94	98	2.1			-14.3	-10.9		397836.3	6906317.4	1249
1124844	26/08/2016	231854	39	N	550		24.8	19.5	9.1	100	100	2.19			19.5	9.1		397841.89	6906328.65	1248
1124844	26/08/2016	231818	39	N	562.5		24.8	14.9	8.6	88	98	2.03			14.9	8.6		397851.4	6906337.95	1247
1124844	26/08/2016	231742	39	N	575		24.8	16.7	1.7	100	100	2.18			16.7	1.7		397858.47	6906349.07	1247
1124844	26/08/2016	231710	39	N	587.5		24.8	32.4	6	100	100	2.18			32.4	6		397867.28	6906358.94	1246
1124844	26/08/2016	231642	39	N	600		24.8	16.8	-0.2	100	100	2.18			16.8	-0.2		397874.89	6906369.31	1245
1124844	26/08/2016	231554	39	N	612.5		24.8	17.2	-4.3	98	100	2.15			17.2	-4.3		397883.55	6906380.53	1244
1124844	26/08/2016	231522	39	N	625		24.8	18.3	0	100	100	2.18			18.3	0		397889.96	6906392.52	1243
1124844	26/08/2016	231442	39	N	637.5		24.8	12.5	0.9	100	100	2.18			12.5	0.9		397894.49	6906403.86	1242
1124844	26/08/2016	231358	39	N	650		24.8	6.5	0.6	89	98	2.03			6.5	0.6		397901.75	6906415.43	1240

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	231318	39	N	662.5		24.8	-6.2	-7.3	89	98	2.03			-6.2	-7.3		397909.08	6906425.69	1239
1124844	26/08/2016	231246	39	N	675		24.8	-2.7	-13.5	100	100	2.18			-2.7	-13.5		397919.92	6906432.77	1237
1124844	26/08/2016	231210	39	N	687.5		24.8	-10.6	-16.1	100	100	2.18			-10.6	-16.1		397926.16	6906444.94	1235
1124844	26/08/2016	231134	39	N	700		24.8	-15.5	-18	100	100	2.18			-15.5	-18		397932.34	6906455.78	1234
1124844	26/08/2016	231046	39	N	712.5		24.8	-20.2	-20.5	100	100	2.18			-20.2	-20.5		397939.19	6906468.66	1232
1124844	26/08/2016	231014	39	N	725		24.8	-34.9	-27.2	92	98	2.07			-34.9	-27.2		397946.6	6906477.67	1230
1124844	26/08/2016	230930	39	N	737.5		24.8	-43.6	-38.4	100	100	2.18			-43.6	-38.4		397955.53	6906487.7	1229
1124844	26/08/2016	230854	39	N	750		24.8	-30.8	-35.9	100	100	2.18			-30.8	-35.9		397963.9	6906499.06	1226
1124844	26/08/2016	230758	39	N	762.5		24.8	-13.6	-30.9	100	100	2.18			-13.6	-30.9		397971.36	6906509.97	1224
1124844	26/08/2016	230722	39	N	775		24.8	50.7	2.2	100	100	2.18			50.7	2.2		397979.17	6906521	1223
1124844	26/08/2016	230642	39	N	787.5		24.8	77.5	21.6	101	100	2.19			77.5	21.6		397985.1	6906530.65	1221
1124844	26/08/2016	230554	39	N	800		24.8	67	39.9	101	100	2.19			67	39.9		397993.67	6906540.16	1218
1124844	26/08/2016	230514	39	N	812.5		24.8	78.6	46.8	100	100	2.18			78.6	46.8		398004.49	6906550.53	1216
1124844	26/08/2016	230426	39	N	825		24.8	76.2	36.8	100	100	2.19			76.2	36.8		398011.52	6906560.76	1213
1124844	26/08/2016	230350	39	N	837.5		24.8	81.3	27.1	100	100	2.19			81.3	27.1		398016.28	6906570.16	1211
1124844	26/08/2016	230242	39	N	850		24.8	73.5	22.5	100	100	2.18	1					398022.31	6906584.54	1207
1124844	26/08/2016	230302	39	N	850		24.8	70.2	23.8	101	100	2.19			70.2	23.8		398022.48	6906584.22	1207
1124844	26/08/2016	230154	39	N	862.5		24.8	64.6	23.7	100	100	2.18			64.6	23.7		398028.35	6906596.46	1205
1124844	26/08/2016	230106	39	N	875		24.8	63.1	21.1	100	100	2.18			63.1	21.1		398032.42	6906606.18	1202
1124844	26/08/2016	230002	39	N	887.5		24.8	63.1	21.8	76	98	1.91			63.1	21.8		398040.15	6906616.37	1200
1124844	26/08/2016	225918	39	N	900		24.8	36	13.3	84	98	1.98			36	13.3		398048.95	6906625.61	1197
1124844	26/08/2016	225842	39	N	912.5		24.8	35.5	11.6	94	98	2.09			35.5	11.6		398058.03	6906634.64	1194
1124844	26/08/2016	225730	39	N	925		24.8	35	12.2	93	98	2.09			35	12.2		398065.34	6906644.01	1191
1124844	26/08/2016	225650	39	N	937.5		24.8	28.5	16.8	75	98	1.9			28.5	16.8		398074.17	6906653.57	1189
1124844	26/08/2016	225610	39	N	950		24.8	47.6	24.2	86	98	2.01			47.6	24.2		398082.68	6906663.24	1186
1124844	26/08/2016	225542	39	N	962.5		24.8	45.7	25.7	85	98	2			45.7	25.7		398087.55	6906671.81	1183
1124844	26/08/2016	225506	39	N	975		24.8	36.5	24.2	100	100	2.18			36.5	24.2		398094.07	6906684.71	1179
1124844	26/08/2016	225426	39	N	987.5		24.8	36.7	30	100	100	2.18			36.7	30		398100.04	6906694.73	1177
1124844	26/08/2016	225330	39	N	1000		24.8	43.9	37.5	96	98	2.12			43.9	37.5		398109.45	6906703.52	1173
1124844	26/08/2016	225258	39	N	1012.5		24.8	37.1	45.3	75	98	1.9			37.1	45.3		398115.4	6906714.03	1171
1124844	26/08/2016	225210	39	N	1025		24.8	37.6	45.3	77	98	1.92			37.6	45.3		398121.82	6906724.06	1166
1124844	26/08/2016	225130	39	N	1037.5		24.8	24.8	45.1	45	98	1.66			24.8	45.1		398129.37	6906734.81	1163
1124844	26/08/2016	225046	39	N	1050		24.8	15.7	33.8	62	98	1.78			15.7	33.8		398136.08	6906745.19	1159
1124844	26/08/2016	224942	39	N	1062.5		24.8	11.3	26.4	55	98	1.73			11.3	26.4		398144	6906757.46	1154
1124844	26/08/2016	224858	39	N	1075		24.8	15.6	18.7	82	98	1.96			15.6	18.7		398153.01	6906769.01	1150
1124844	26/08/2016	224342	39	N	1087.5		24.8	25.7	24.8	78	98	1.93			25.7	24.8		398163.74	6906785.26	1145
1124844	26/08/2016	224238	39	N	1100		24.8	46.3	41.8	61	98	1.78			46.3	41.8		398170.95	6906795.01	1141
1124844	26/08/2016	224142	39	N	1112.5		24.8	35.7	30.6	82	99	1.98			35.7	30.6		398178.97	6906805.4	1137
1124844	26/08/2016	224038	39	N	1125		24.8	43.9	33.3	42	98	1.64			43.9	33.3		398185	6906815.15	1133
1124844	26/08/2016	223958	39	N	1137.5		24.8	66.8	34.3	51	98	1.7			66.8	34.3		398193.68	6906824.26	1131
1124844	26/08/2016	223918	39	N	1150		24.8	78.2	44.9	68	98	1.83			78.2	44.9		398199.94	6906833.6	1128
1124844	26/08/2016	223742	39	N	1162.5		24.8	76.3	45.8	80	98	1.95			76.3	45.8		398206.24	6906842.64	1125
1124844	26/08/2016	223802	39	N	1162.5		24.8	75.7	50.1	77	98	1.92	1					398206.29	6906842.66	1125
1124844	26/08/2016	221618	39	N	1175		24.8	30.8	33.6	-18	25	0.48	9					data no good		1128
1124844	26/08/2016	223254	39	N	1175	Missing GPS Points	24.8	102.2	119.9	39	98	0.81	2					398213.63	6906855.25	1128
1124844	26/08/2016	223330	39	N	1175	Missing GPS Points	24.8	86	64.7	-7	98	1.51	1					398213.63	6906855.25	1128
1124844	26/08/2016	223350	39	N	1175		24.8	88.3	66.8	-12	98	1.52			88.3	66.8		best fit		1116
1124844	26/08/2016	223446	39	N	1175		24.8	85.9	62.7	31	98	1.58	1					398212.76	6906850.33	1116
1124844	26/08/2016	221518	39	N	1187.5		24.8	27.7	40.1	-8	10	0.43	9					data no good		1121
1124844	26/08/2016	221438	39	N	1200		24.8	38.3	24.6	3	96	2.98			38.3	24.6		398226.14	6906870.74	1118
1124844	26/08/2016	221350	39	N	1212.5		24.8	32.6	21.1	-17	95	2.97			32.6	21.1		398230.73	6906882.22	1117
1124844	26/08/2016	221254	39	N	1225		24.8	29	16.5	26	93	2.98			29	16.5		398235.62	6906891.69	1109
1124844	26/08/2016	221102	39	N	1237.5		24.8	23.2	12.7	20	94	2.96			23.2	12.7		398241.46	6906900	1111
1124844	26/08/2016	220950	39	N	1250		24.8	18.4	8.2	10	92	2.86			18.4	8.2		398245.94	6906909.52	1106
1124844	26/08/2016	220902	39	N	1262.5		24.8	14.4	4.6	6	92	2.85			14.4	4.6		398250.77	6906918.73	1104
1124844	26/08/2016	220822	39	N	1275		24.8	9.8	0.4	12	95	2.96			9.8	0.4		398261.77	6906926.02	1099
1124844	26/08/2016	220750	39	N	1287.5		24.8	10.6	5.8	8	97	3			10.6	5.8		398267.71	6906934.65	1097
1124844	26/08/2016	220642	39	N	1300		24.8	9.9	6.4	10	97	3.02			9.9	6.4		398274.8	6906945.68	1096
1124844	26/08/2016	220550	39	N	1312.5		24.8	6.2	4.8	0	97	2.99			6.2	4.8		398279.83	6906958.62	1093
1124844	26/08/2016	220502	39	N	1325		24.8	4.1	3.8	-19	96	3.02			4.1	3.8		398286.37	6906966.78	1091
1124844	26/08/2016	220250	39	N	1337.5		24.8	1.7	-2.7	7	97	3.02			1.7	-2.7		398297.43	6906981.81	1088
1124844	26/08/2016	220158	39	N	1350		24.8	2.7	-1.6	4	98	3.02			2.7	-1.6		398305.13	6906987.91	1083
1124844	26/08/2016	220102	39	N	1362.5		24.8	7.4	1.6	38	98	3.24			7.4	1.6		398311.15	6906996.63	1081
1124844	26/08/2016	215954	39	N	1375		24.8	15.4	7.9	32	98	3.17			15.4	7.9		398317.46	6907006.53	1079
1124844	26/08/2016	215858	39	N	1387.5		24.8	14.3	11.3	4	98	3.03			14.3	11.3		398323.6	6907018.94	1077
1124844	26/08/2016	215810	39	N	1400		24.8	13.1	9.5	28	97	3								

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	215718	39	N	1412.5		24.8	11	7.1	21	97	3.07			11	7.1		398342.18	6907032.17	1070
1124844	26/08/2016	215510	39	N	1425		24.8	9.9	7.6	23	97	3.08			9.9	7.6		398348.86	6907044.07	1072
1124844	26/08/2016	215418	39	N	1437.5		24.8	6.1	4.4	29	96	3.1			6.1	4.4		398353.45	6907052.24	1068
1124844	26/08/2016	215302	39	N	1450		24.8	2.8	2.3	-2	98	3.01			2.8	2.3		398357.27	6907064.85	1067
1124844	26/08/2016	215158	39	N	1462.5		24.8	4	2.3	15	98	3.06			4	2.3		398366.57	6907075.78	1065
1124844	26/08/2016	215122	39	N	1475		24.8	5.6	3.1	-16	98	3.06			5.6	3.1		398371.76	6907084.67	1064
1124844	26/08/2016	215030	39	N	1487.5		24.8	8.8	2.9	23	98	3.1			8.8	2.9		398377.42	6907096.93	1062
1124844	26/08/2016	214954	39	N	1500		24.8	8.1	3.4	-4	98	3.02			8.1	3.4		398384.97	6907106.53	1061
1124844	26/08/2016	214910	39	N	1512.5		24.8	1.8	-1.9	-1	97	3			1.8	-1.9		398391.97	6907116.54	1060
1124844	26/08/2016	214830	39	N	1525		24.8	-0.8	-5.1	17	96	3.01			-0.8	-5.1		398401.39	6907125.37	1060
1124844	26/08/2016	214606	39	N	1537.5		24.8	-1.1	-0.7	-16	97	3.04			-1.1	-0.7		398409.09	6907137.26	1058
1124844	26/08/2016	214454	39	N	1550		24.8	-2.2	-2.5	5	97	2.99			-2.2	-2.5		398412.86	6907147.6	1058
1124844	26/08/2016	214422	39	N	1562.5		24.8	-1.8	-1	15	98	3.06			-1.8	-1		398420.55	6907156.32	1058
1124844	26/08/2016	214342	39	N	1575		24.8	0.7	3.7	-9	98	3.03			0.7	3.7		398428.32	6907166.57	1058
1124844	26/08/2016	214306	39	N	1587.5		24.8	0.7	1.7	-1	97	2.98			0.7	1.7		398437.81	6907176.61	1058
1124844	26/08/2016	214238	39	N	1600		24.8	-1.6	-0.4	-5	95	2.94			-1.6	-0.4		398444.18	6907186.83	1058
1124844	26/08/2016	214206	39	N	1612.5		24.8	-3.8	-4.1	-6	96	2.97			-3.8	-4.1		398450.05	6907197.24	1059
1124844	26/08/2016	214010	39	N	1625		24.8	-7.2	-6.7	-25	95	3.05			-7.2	-6.7		398454.39	6907208.38	1059
1124844	26/08/2016	213938	39	N	1637.5		24.8	-5.4	-8.3	-9	98	3.02			-5.4	-8.3		398461.2	6907220.08	1059
1124844	26/08/2016	213906	39	N	1650		24.8	0.6	-2.8	-17	98	3.07			0.6	-2.8		398469.02	6907228.58	1060
1124844	26/08/2016	213834	39	N	1662.5		24.8	3.1	-1.2	-19	97	3.05			3.1	-1.2		398474	6907240.68	1061
1124844	26/08/2016	213802	39	N	1675		24.8	2.2	-3	-14	96	2.99			2.2	-3		398483.73	6907249.18	1062
1124844	26/08/2016	213710	39	N	1687.5		24.8	0	-3.8	-16	95	2.98	1					398493.56	6907258.35	1062
1124844	26/08/2016	213730	39	N	1687.5		24.8	-1.4	-4	-27	95	3.05			-1.4	-4		398492.88	6907257.34	1061
1124844	26/08/2016	213634	39	N	1700		24.8	-4.5	-9.2	-4	96	2.97			-4.5	-9.2		398501.78	6907264.96	1061
1124844	26/08/2016	213554	39	N	1712.5		24.8	-4.9	-9.8	-6	96	2.96			-4.9	-9.8		398510.47	6907277.29	1062
1124844	26/08/2016	213506	39	N	1725		24.8	-5.3	-11.3	14	97	3.02			-5.3	-11.3		398516.34	6907289.34	1062
1124844	26/08/2016	213430	39	N	1737.5		24.8	-10	-14.4	-13	97	3.02			-10	-14.4		398520.81	6907300.8	1062
1124844	26/08/2016	213358	39	N	1750		24.8	-5.5	-11.2	-9	98	3.03			-5.5	-11.2		398528.36	6907310.02	1062
1124844	26/08/2016	213322	39	N	1762.5		24.8	-3.9	-10.8	-3	98	3.02			-3.9	-10.8		398535.8	6907320.41	1062
1124844	26/08/2016	213254	39	N	1775		24.8	-1.4	-9.3	-5	98	3.02			-1.4	-9.3		398543.69	6907330.68	1063
1124844	26/08/2016	213222	39	N	1787.5		24.8	5.5	-5.3	-13	98	3.05			5.5	-5.3		398550.48	6907340.32	1063
1124844	26/08/2016	213154	39	N	1800		24.8	11	-2	-13	98	3.04			11	-2		398557.52	6907350.4	1064
1124844	26/08/2016	213122	39	N	1812.5		24.8	13.8	-0.1	-5	97	3			13.8	-0.1		398563.85	6907360.68	1064
1124844	26/08/2016	213010	39	N	1825		24.8	15.8	3.1	3	96	2.97			15.8	3.1		398570.64	6907372.34	1066
1124844	26/08/2016	212942	39	N	1837.5		24.8	9.6	-0.4	4	93	2.87			9.6	-0.4		398577.85	6907381.48	1067
1124844	26/08/2016	212842	39	N	1850		24.8	6.6	-1.6	9	93	2.88			6.6	-1.6		398584.86	6907390.22	1066
1124844	26/08/2016	212906	39	N	1850		24.8	6.9	-1.8	13	93	2.91			6.9	-1.8		398584.93	6907390.16	1066
1124844	26/08/2016	212806	39	N	1862.5		24.8	0.2	-3.8	0	89	2.76			0.2	-3.8		398594.19	6907402.59	1067
1124844	26/08/2016	212710	39	N	1875		24.8	-4.7	-6.9	1	90	2.78			-4.7	-6.9		398601.38	6907412.52	1068
1124844	26/08/2016	212730	39	N	1875		24.8	-6.1	-7.2	-5	89	2.75			-6.1	-7.2		398601.37	6907412.77	1068
1124844	26/08/2016	212638	39	N	1887.5		24.8	-10.7	-7.5	-23	90	2.86			-10.7	-7.5		398606.17	6907420.55	1069
1124844	26/08/2016	212558	39	N	1900		24.8	-13.6	-10.7	-3	92	2.83			-13.6	-10.7		398614.46	6907431.49	1070
1124844	26/08/2016	212526	39	N	1912.5		24.8	-18.1	-14	-8	95	2.94			-18.1	-14		398622.33	6907442.41	1070
1124844	26/08/2016	212342	39	N	1925		24.8	-18.6	-11.2	-7	94	2.91			-18.6	-11.2		398629.02	6907453.45	1071
1124844	26/08/2016	212310	39	N	1937.5		24.8	-22.3	-15.1	-2	95	2.94			-22.3	-15.1		398635.01	6907463.4	1071
1124844	26/08/2016	212238	39	N	1950		24.8	-16.3	-8.3	-12	98	3.04			-16.3	-8.3		398642.08	6907471.54	1071
1124844	26/08/2016	212150	39	N	1962.5		24.8	-17.7	-11.1	-2	96	2.98			-17.7	-11.1		398651.24	6907482.33	1071
1124844	26/08/2016	212102	39	N	1975		24.8	-22.8	-15.9	-8	98	3.02			-22.8	-15.9		398658.44	6907492.1	1070
1124844	26/08/2016	212022	39	N	1987.5		24.8	-17	-11.9	-5	98	3.02			-17	-11.9		398662.1	6907504.92	1071
1124844	26/08/2016	211942	39	N	2000		24.8	-11.6	-8.5	-28	98	3.14			-11.6	-8.5		398668.6	6907515.07	1071
1124844	26/08/2016	211902	39	N	2012.5		24.8	-10.2	-9.5	-26	98	3.13			-10.2	-9.5		398678.69	6907524.64	1071
1124844	26/08/2016	211826	39	N	2025		24.8	-6	-6.9	-4	98	3.02			-6	-6.9		398686.81	6907533.71	1070
1124844	26/08/2016	211746	39	N	2037.5		24.8	-2.4	-5.7	-9	98	3.03			-2.4	-5.7		398692.93	6907545.62	1070
1124844	26/08/2016	211706	39	N	2050		24.8	-2.9	-9.4	-13	98	3.05			-2.9	-9.4		398699.93	6907553.34	1070
1124844	26/08/2016	211622	39	N	2062.5		24.8	0	-10.8	-17	98	3.06			0	-10.8		398706.91	6907565.35	1068
1124844	26/08/2016	211538	39	N	2075		24.8	15.3	-1.5	19	98	3.08			15.3	-1.5		398715.4	6907576.28	1066
1124844	26/08/2016	211506	39	N	2087.5		24.8	26.8	4.1	6	98	3.02			26.8	4.1		398721.39	6907584.97	1066
1124844	26/08/2016	211418	39	N	2100		24.8	36.7	12.7	24	98	3.11			36.7	12.7		398730.19	6907595.29	1066
1124844	26/08/2016	211346	39	N	2112.5		24.8	30.5	9.1	13	98	3.04			30.5	9.1		398736.98	6907606.7	1064
1124844	26/08/2016	211258	39	N	2125		24.8	26.2	5.1	16	97	3.03			26.2	5.1		398742.17	6907618.47	1064
1124844	26/08/2016	211218	39	N	2137.5		24.8	20	-0.3	0	96	2.97			20	-0.3		398749.55	6907628.67	1063
1124844	26/08/2016	211146	39	N	2150		24.8	16.3	-2.2	-9	93	2.89			16.3	-2.2		398757.86	6907637.18	1063
1124844	26/08/2016	211106	39	N	2162.5		24.8	11.6	-7.4	1	94	2.91			11.6	-7.4		398766.28	6907647.62	1061
1124844	26/08/2016	211022	39	N	2175		24.8	10.9	-7.8	6	97	3.01			10.9	-7.8		398774.21	6907656.73	1058
1124844	26/08/2016	210938	39	N	2187.5		24.8	15.2	2.3	-6	96	2.95			15.2	2.3		398782.58	6907668.55	1057

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	210902	39	N	2200		24.8	15.4	5	2	96	2.96			15.4	5		398789.42	6907677.47	1054
1124844	26/08/2016	210814	39	N	2212.5		24.8	13.9	5.4	16	94	2.96			13.9	5.4		398794.69	6907689.11	1053
1124844	26/08/2016	210718	39	N	2225		24.8	9.8	3.6	29	92	2.98			9.8	3.6		398801.33	6907698.89	1050
1124844	26/08/2016	210630	39	N	2237.5		24.8	12.8	7.5	14	92	2.89			12.8	7.5		398806.08	6907708.56	1047
1124844	26/08/2016	210538	39	N	2250		24.8	11.6	6.5	-3	97	3			11.6	6.5		398813.16	6907717.54	1042
1124844	26/08/2016	210454	39	N	2262.5		24.8	13.9	15.9	-13	95	2.95			13.9	15.9		398821.2	6907726.08	1038
1124844	26/08/2016	210354	39	N	2275		24.8	12.5	13	15	95	2.99			12.5	13		398830.73	6907733.72	1035
1124844	26/08/2016	210306	39	N	2287.5		24.8	10.2	12.3	8	92	2.86			10.2	12.3		398835.75	6907745.52	1032
1124844	26/08/2016	210210	39	N	2300		24.8	9.5	13	0	94	2.91			9.5	13		398842.71	6907753.84	1028
1124844	26/08/2016	210054	39	N	2312.5		24.8	9.3	12.7	9	93	2.9			9.3	12.7		398847.82	6907762.68	1026
1124844	26/08/2016	205930	39	N	2325		24.8	10.5	17.7	-1	93	2.89	1					398855.18	6907774.56	1023
1124844	26/08/2016	205950	39	N	2325		24.8	10.8	18	5	94	2.91	2					398855.15	6907774.2	1023
1124844	26/08/2016	210006	39	N	2325		24.8	11.3	17.3	7	95	2.94			11.3	17.3		398855.25	6907774.13	1023
8042728	27/08/2016	173402	41	N	0		24.8	20.9	4.9	-21	66	4.32	1					397686.06	6905757.42	1203
8042728	27/08/2016	173418	41	N	0		24.8	21.1	4.4	-22	67	4.37			21.1	4.4		397686.03	6905757.39	1203
8042728	27/08/2016	173434	41	N	0		24.8	20.7	5	-25	63	4.19	2					397685.8	6905757.27	1204
8042728	27/08/2016	173542	41	N	12.5		24.8	21.7	5.7	-22	66	4.31			21.7	5.7		397694.2	6905767.99	1204
8042728	27/08/2016	173610	41	N	12.5		24.8	23	6	-25	66	4.35	1					397694.46	6905767.5	1204
8042728	27/08/2016	173654	41	N	25		24.8	22.7	5.6	-23	66	4.35			22.7	5.6		397701.02	6905777.84	1206
8042728	27/08/2016	173938	41	N	37.5		24.8	22.7	5.5	-22	65	4.26			22.7	5.5		397707.92	6905788.48	1209
8042728	27/08/2016	174022	41	N	50		24.8	23.4	4.4	-19	68	4.36			23.4	4.4		397715.21	6905797.17	1209
8042728	27/08/2016	174110	41	N	62.5		24.8	23.5	3.8	-14	67	4.23			23.5	3.8		397723.03	6905806.44	1212
8042728	27/08/2016	174206	41	N	75		24.8	24.5	4.9	-22	62	4.08			24.5	4.9		397731.1	6905818.4	1214
8042728	27/08/2016	174250	41	N	87.5		24.8	28.4	7.3	-14	64	4.06	1					397738.76	6905829.34	1216
8042728	27/08/2016	174306	41	N	87.5		24.8	29.7	8	-15	64	4.09			29.7	8		397738.72	6905829.13	1216
8042728	27/08/2016	174350	41	N	100		24.8	30	8.4	-20	63	4.07			30	8.4		397745.59	6905838.51	1217
8042728	27/08/2016	174434	41	N	112.5		24.8	31.5	8.4	-15	66	4.16			31.5	8.4		397751.88	6905847.46	1219
8042728	27/08/2016	174522	41	N	125		24.8	32.3	7.7	-14	68	4.3			32.3	7.7		397757.26	6905857.89	1219
8042728	27/08/2016	174610	41	N	137.5		24.8	32.4	8.3	-26	67	4.44			32.4	8.3		397764.18	6905869.96	1222
8042728	27/08/2016	174634	41	N	137.5		24.8	31.9	8.7	-27	64	4.31	2					397763.43	6905869	1225
8042728	27/08/2016	174654	41	N	137.5		24.8	31.5	7.9	-26	66	4.39	1					397763.29	6905869.51	1223
8042728	27/08/2016	174818	41	N	150		24.8	32.9	7.5	-18	66	4.26			32.9	7.5		397768.53	6905878.47	1224
8042728	27/08/2016	174930	41	N	162.5		24.8	30.3	3.9	-21	68	4.39	1					397776.82	6905886.03	1226
8042728	27/08/2016	174946	41	N	162.5		24.8	29.9	3.7	-17	69	4.41			29.9	3.7		397777.13	6905886.3	1226
8042728	27/08/2016	175034	41	N	175		24.8	27.3	-0.8	-16	68	4.35			27.3	-0.8		397783.5	6905895.96	1227
8042728	27/08/2016	175118	41	N	187.5		24.8	25.6	-3	-25	64	4.27			25.6	-3		397790.35	6905906.24	1228
8042728	27/08/2016	175158	41	N	200		24.8	27.8	-2.9	-21	64	4.21			27.8	-2.9		397798.67	6905918.69	1231
8042728	27/08/2016	175234	41	N	212.5		24.8	29.2	-1.7	-25	63	4.18	1					397805.87	6905926.48	1232
8042728	27/08/2016	175250	41	N	212.5		24.8	29.3	-1.5	-26	64	4.3	1					397806.38	6905926.85	1232
8042728	27/08/2016	175310	41	N	212.5		24.8	28.4	-1.6	-28	65	4.37			28.4	-1.6		397806.13	6905926.76	1232
8042728	27/08/2016	175342	41	N	225		24.8	30.4	-3.4	-19	67	4.3			30.4	-3.4		397811.56	6905936.59	1234
8042728	27/08/2016	175422	41	N	237.5		24.8	32.4	-5.3	-19	62	4.04			32.4	-5.3		397818.08	6905948.27	1234
8042728	27/08/2016	175534	41	N	250		24.8	39.6	-0.1	-16	63	4.03			39.6	-0.1		397827.76	6905958.19	1236
8042728	27/08/2016	175614	41	N	262.5		24.8	44.9	3.8	-15	64	4.09			44.9	3.8		397835.53	6905967.21	1237
8042728	27/08/2016	175710	41	N	275		24.8	46.3	6.5	-27	66	4.44			46.3	6.5		397840.9	6905978.47	1241
8042728	27/08/2016	175726	41	N	275		24.8	45.8	5.8	-23	67	4.4	1					397841.04	6905978.77	1240
8042728	27/08/2016	175806	41	N	287.5		24.8	44.7	6.5	-40	63	4.62			44.7	6.5		397847.43	6905987.23	1242
8042728	27/08/2016	175918	41	N	300		24.8	49.7	8.2	-9	70	4.4			49.7	8.2		397855.01	6905995.95	1244
8042728	27/08/2016	180010	41	N	312.5		24.8	50.4	11	-17	75	4.77			50.4	11		397860.13	6906006.49	1246
8042728	27/08/2016	180102	41	N	325		24.8	44.8	10	-14	82	5.13	1					397866.55	6906016.93	1249
8042728	27/08/2016	180122	41	N	325		24.8	44.4	9.9	-17	83	5.25			44.4	9.9		397866.53	6906017.01	1249
8042728	27/08/2016	180142	41	N	325		24.8	44.8	11.2	-20	79	5.04	1					397865.95	6906016.63	1248
8042728	27/08/2016	180234	41	N	337.5		24.8	34.3	10.5	-13	90	5.59	1					397874.26	6906030	1251
8042728	27/08/2016	180250	41	N	337.5		24.8	34	10.1	-18	92	5.77			34	10.1		397874.22	6906029.85	1251
8042728	27/08/2016	180306	41	N	337.5		24.8	33.1	9.8	-16	91	5.72	1					397874.47	6906030.15	1251
8042728	27/08/2016	180338	41	N	350		24.8	14.8	1.5	-10	92	5.73			14.8	1.5		397880.54	6906037.87	1253
8042728	27/08/2016	180414	41	N	362.5		24.8	11.3	3.4	-4	86	5.31			11.3	3.4		397887.2	6906047.18	1255
8042728	27/08/2016	180430	41	N	362.5		24.8	12.2	4.3	-2	84	5.21	2					397886.94	6906046.89	1255
8042728	27/08/2016	180458	41	N	362.5		24.8	11.9	4.3	-5	84	5.22	1					397886.93	6906047.09	1254
8042728	27/08/2016	180518	41	N	362.5		24.8	11.6	3.8	-8	85	5.26	1					397886.48	6906047.01	1254
8042728	27/08/2016	180602	41	N	375		24.8	11.5	6.3	3	83	5.16			11.5	6.3		397895.21	6906057.22	1257
8042728	27/08/2016	180618	41	N	375		24.8	10.9	6.7	-2	82	5.04	1					397895.04	6906056.98	1257
8042728	27/08/2016	180638	41	N	375		24.8	11.4	7.5	-12	80	4.99	2					397894.37	6906056.85	1257
8042728	27/08/2016	180726	41	N	387.5		24.8	11.7	8.2	-3	80	4.94			11.7	8.2		397903.41	6906068.07	1260
8042728	27/08/2016	180810	41	N	400		24.8	15.5	11.9	1	80	4.95			15.5	11.9		397910.31	6906075.88	1263
8042728	27/08/2016	180910	41	N	412.5		24.8	11.7	8.6	15	78	4.92			11.7	8.6		397918.16	6906085.64	1266

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	180958	41	N	425		24.8	9.7	7.5	5	83	5.14			9.7	7.5		397925.37	6906093.95	1269
8042728	27/08/2016	181022	41	N	425		24.8	10	8.9	-9	82	5.12	1					397925.27	6906093.92	1268
8042728	27/08/2016	181058	41	N	437.5		24.8	3.4	1.9	-9	83	5.17			3.4	1.9		397933.22	6906105.7	1271
8042728	27/08/2016	181126	41	N	450		24.8	0	0	-13	80	5.04	2					397940.33	6906115.43	1272
8042728	27/08/2016	181142	41	N	450		24.8	0.1	1.5	-31	80	5.32			0.1	1.5		397940.21	6906115.18	1272
8042728	27/08/2016	181158	41	N	450		24.8	0.5	1.1	-26	80	5.21	1					397939.74	6906114.39	1272
8042728	27/08/2016	181250	41	N	462.5		24.8	0	0.4	-18	76	4.86			0	0.4		397946.61	6906124.46	1273
8042728	27/08/2016	181334	41	N	475		24.8	5.6	6.5	-7	78	4.84			5.6	6.5		397954.12	6906137.17	1274
8042728	27/08/2016	181350	41	N	475		24.8	5	6.4	-16	75	4.77			5	6.4	best data fit	397953.75	6906137.14	1274
8042728	27/08/2016	181646	41	N	475		24.8	11.4	13.2	-10	79	4.94	1					397960.76	6906147.43	1275
8042728	27/08/2016	181730	41	N	487.5		24.8	11.2	11.6	0	90	5.54	2					397969.24	6906156.86	1276
8042728	27/08/2016	181810	41	N	500		24.8	-7.5	-2.7	-13	88	5.48	2					397977.54	6906166.62	1276
8042728	27/08/2016	181826	41	N	500		24.8	-7.9	-2.9	-12	87	5.46			-7.9	-2.9	best data fit	397977.46	6906166.44	1276
8042728	27/08/2016	181842	41	N	500		24.8	-8.7	-4	-19	84	5.35	1					397977.11	6906166.29	1276
8042728	27/08/2016	181858	41	N	500		24.8	-7.5	-2.1	-21	86	5.49	2					397977.19	6906166.55	1276
8042728	27/08/2016	181934	41	N	512.5		24.8	-9.2	-1.9	-21	81	5.17			-9.2	-1.9		397985.77	6906177.18	1276
8042728	27/08/2016	182018	41	N	525		24.8	-7.7	0.9	-24	79	5.09			-7.7	0.9		397992.97	6906185.9	1276
8042728	27/08/2016	182034	41	N	525		24.8	-8	0.6	-23	78	5.07	1					397992.67	6906185.64	1275
8042728	27/08/2016	182114	41	N	537.5		24.8	-5.1	4.4	-20	80	5.1	1					398000.43	6906195.99	1274
8042728	27/08/2016	182130	41	N	537.5		24.8	-5.8	4.8	-21	79	5.04			-5.8	4.8		398000.23	6906195.47	1274
8042728	27/08/2016	182234	41	N	537.5		24.8	-6	4.1	-23	78	5.01	1					398000.32	6906196.21	1275
8042728	27/08/2016	182302	41	N	550		24.8	-4.8	9.3	-28	77	5.05			-4.8	9.3		398008	6906204.87	1273
8042728	27/08/2016	182318	41	N	550		24.8	-3.9	8.5	-23	78	5.03	1					398007.91	6906205.44	1274
8042728	27/08/2016	182358	41	N	562.5		24.8	-1.2	12.6	-20	79	5.07	2					398015.92	6906216.7	1272
8042728	27/08/2016	182418	41	N	562.5		24.8	-1.3	12.9	-24	77	5.02	1					398015.51	6906216.28	1272
8042728	27/08/2016	182438	41	N	562.5		24.8	-0.9	13.2	-24	80	5.14			-0.9	13.2		398016.19	6906216.96	1272
8042728	27/08/2016	182506	41	N	575		24.8	0	15.1	-16	82	5.19	1					398022.84	6906225.47	1270
8042728	27/08/2016	182522	41	N	575		24.8	0	15.2	-22	83	5.33			0	15.2		398022.5	6906225.74	1270
8042728	27/08/2016	182602	41	N	587.5		24.8	-0.1	15.8	-23	85	5.48			-0.1	15.8		398030.18	6906236.61	1268
8042728	27/08/2016	182658	41	N	600		24.8	-5.2	11.7	-20	89	5.61			-5.2	11.7		398037.08	6906248.2	1267
8042728	27/08/2016	182742	41	N	612.5		24.8	-13.2	5.7	-20	93	5.91			-13.2	5.7		398043.56	6906257.04	1265
8042728	27/08/2016	182810	41	N	625		24.8	-20.6	2.3	-34	88	5.82	1					398049.33	6906264.68	1264
8042728	27/08/2016	182826	41	N	625		24.8	-20.2	2.5	-40	87	5.95			-20.2	2.5		398048.97	6906265.16	1264
8042728	27/08/2016	182858	41	N	637.5		24.8	-22.8	2.9	-36	85	5.71			-22.8	2.9		398055.63	6906274.38	1263
8042728	27/08/2016	182930	41	N	650		24.8	-25.8	3.4	-41	81	5.64			-25.8	3.4		398063.02	6906285.77	1260
8042728	27/08/2016	183010	41	N	662.5		24.8	-28.9	3.2	-32	83	5.49			-28.9	3.2		398069.58	6906294.88	1256
8042728	27/08/2016	183050	41	N	675		24.8	-33.3	2.8	-35	81	5.48			-33.3	2.8		398076.88	6906306.69	1255
8042728	27/08/2016	183158	41	N	675		24.8	-32.9	2.5	-45	77	5.52			-32.9	2.5		398076.97	6906306.31	1255
8042728	27/08/2016	183242	41	N	687.5		24.8	-39.2	0.2	-40	77	5.41			-39.2	0.2		398082.84	6906316.01	1252
8042728	27/08/2016	183410	41	N	687.5		24.8	-43.1	-0.9	-43	76	5.38	1					398089.55	6906326.13	1249
8042728	27/08/2016	183454	41	N	700		24.8	-47.6	-2.2	-40	78	5.4			-47.6	-2.2		398095.3	6906337.04	1246
8042728	27/08/2016	183530	41	N	712.5		24.8	-63.5	-11.2	-31	75	5.05	1					398102.58	6906345.51	1242
8042728	27/08/2016	183550	41	N	712.5		24.8	-63.1	-10.9	-32	77	5.15			-63.1	-10.9		398102.29	6906345.33	1243
8042728	27/08/2016	183630	41	N	725		24.8	-69.5	-15.2	-38	66	4.76			-69.5	-15.2		398110.52	6906355.74	1240
8042728	27/08/2016	183710	41	N	737.5		24.8	-73.9	-21	-21	63	4.09			-73.9	-21		398117.45	6906364.85	1236
8042728	27/08/2016	183746	41	N	750		24.8	-66.5	-15.8	-24	58	3.91			-66.5	-15.8		398124.87	6906375.61	1233
8042728	27/08/2016	183818	41	N	762.5		24.8	-66.1	-17.6	-19	59	3.82			-66.1	-17.6		398131.77	6906384.11	1229
8042728	27/08/2016	183854	41	N	775		24.8	-62.3	-16.9	-21	58	3.79			-62.3	-16.9		398138.29	6906393.79	1226
8042728	27/08/2016	183942	41	N	787.5		24.8	-54.3	-12.2	-22	57	3.77			-54.3	-12.2		398146.46	6906406.8	1223
8042728	27/08/2016	184018	41	N	800		24.8	-52.2	-13.7	-20	56	3.69			-52.2	-13.7		398153.86	6906416.69	1220
8042728	27/08/2016	184114	41	N	812.5		24.8	-48.6	-12.6	-18	55	3.57			-48.6	-12.6		398158.53	6906423.46	1219
8042728	27/08/2016	184150	41	N	825		24.8	-44.9	-12	-18	55	3.58			-44.9	-12		398165.94	6906433.63	1215
8042728	27/08/2016	184330	41	N	837.5		24.8	-42.4	-15.1	-14	53	3.39			-42.4	-15.1		398174.27	6906445.02	1212
8042728	27/08/2016	184358	41	N	850		24.8	-37.9	-13.4	-17	54	3.52			-37.9	-13.4		398179.94	6906453.53	1210
8042728	27/08/2016	184430	41	N	862.5		24.8	-33.1	-11.9	-18	52	3.39			-33.1	-11.9		398187.48	6906463.92	1206
8042728	27/08/2016	184506	41	N	875		24.8	-29.2	-12.3	-19	52	3.5			-29.2	-12.3		398196.65	6906476.03	1202
8042728	27/08/2016	184538	41	N	887.5		24.8	-25.7	-12.3	-21	53	3.49			-25.7	-12.3		398203.01	6906485.35	1200
8042728	27/08/2016	184622	41	N	900		24.8	-22.9	-14.5	-12	52	3.32			-22.9	-14.5		398209.76	6906494	1196
8042728	27/08/2016	184654	41	N	912.5		24.8	-18.9	-13.7	-13	52	3.32			-18.9	-13.7		398216.01	6906502.4	1194
8042728	27/08/2016	184726	41	N	925		24.8	-13.2	-11.6	-16	52	3.36			-13.2	-11.6		398224.02	6906513.84	1189
8042728	27/08/2016	184802	41	N	937.5		24.8	-10.2	-11.6	-11	56	3.54			-10.2	-11.6		398228.5	6906523	1187
8042728	27/08/2016	184838	41	N	950		24.8	-6.2	-9.4	-17	53	3.45			-6.2	-9.4		398234.64	6906532.98	1185
8042728	27/08/2016	184914	41	N	962.5		24.8	-0.2	-7.3	-17	55	3.55			-0.2	-7.3		398241.61	6906544.11	1181
8042728	27/08/2016	184950	41	N	975		24.8	-3.3	-15.1	-12	57	3.64			-3.3	-15.1		398249.32	6906553.61	1178
8042728	27/08/2016	185034	41	N	987.5		24.8	1.1	-15.5	-14	56	3.57			1.1	-15.5		398256.96	6906563.9	1175
8042728	27/08/2016	185110	41	N	1000		24.8	3	-16.2	-15	57	3.63			3	-16.2		398263.39	6906573.06	1172

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	185134	41	N	1012.5		24.8	4.9	-14.4	-21	55	3.64				4.9	-14.4	398269.35	6906580.11	1170
8042728	27/08/2016	185218	41	N	1025		24.8	11.6	-14	-11	58	3.69				11.6	-14	398277.05	6906593.16	1165
8042728	27/08/2016	185254	41	N	1037.5		24.8	14.2	-10.7	-22	58	3.83				14.2	-10.7	398282.89	6906603.18	1163
8042728	27/08/2016	185334	41	N	1050		24.8	19.4	-6.9	-9	62	3.87				19.4	-6.9	398291.89	6906613.88	1159
8042728	27/08/2016	185406	41	N	1062.5		24.8	22.2	-2.7	-16	61	3.94				22.2	-2.7	398296.61	6906624.06	1156
8042728	27/08/2016	185438	41	N	1075		24.8	23.8	0.3	-14	65	4.13				23.8	0.3	398303.72	6906632.72	1152
8042728	27/08/2016	185514	41	N	1087.5		24.8	24.1	3.9	-14	72	4.56				24.1	3.9	398311.59	6906643.48	1150
8042728	27/08/2016	185550	41	N	1100		24.8	21.5	3.4	-11	77	4.82				21.5	3.4	398318.62	6906651.36	1145
8042728	27/08/2016	185626	41	N	1112.5		24.8	4.6	-7.5	-16	83	5.23				4.6	-7.5	398327.96	6906660.85	1143
8042728	27/08/2016	185706	41	N	1125		24.8	-8.2	-13	-17	82	5.2				-8.2	-13	398333.74	6906669.58	1140
8042728	27/08/2016	185742	41	N	1137.5		24.8	-18.2	-15.9	-19	77	4.89				-18.2	-15.9	398340.31	6906682.69	1141
8042728	27/08/2016	185818	41	N	1150		24.8	-21.8	-16.8	-12	76	4.76				-21.8	-16.8	398344.57	6906688.3	1136
8042728	27/08/2016	185854	41	N	1162.5		24.8	-24.9	-17.6	-11	72	4.52				-24.9	-17.6	398352.83	6906697.68	1131
8042728	27/08/2016	185926	41	N	1175		24.8	-28.1	-16.2	-7	73	4.53				-28.1	-16.2	398359.15	6906706.86	1128
8042728	27/08/2016	190002	41	N	1187.5		24.8	-34	-20.6	-19	65	4.2				-34	-20.6	398366.9	6906717.07	1127
8042728	27/08/2016	190038	41	N	1200		24.8	-34.9	-21.4	-22	63	4.11				-34.9	-21.4	398373.25	6906728.95	1123
8042728	27/08/2016	190122	41	N	1212.5		24.8	-31.1	-18.5	-20	60	3.94				-31.1	-18.5	398382.07	6906741.35	1122
8042728	27/08/2016	190238	41	N	1225		24.8	-25.1	-13.3	-28	57	3.93				-25.1	-13.3	398388.45	6906752.51	1119
8042728	27/08/2016	190314	41	N	1237.5		24.8	-23	-12.4	-20	57	3.76				-23	-12.4	398392.41	6906761.26	1117
8042728	27/08/2016	190350	41	N	1250		24.8	-17.2	-6.2	-23	58	3.84				-17.2	-6.2	398401.28	6906772.57	1113
8042728	27/08/2016	190430	41	N	1262.5		24.8	-12.9	-2.5	-27	56	3.86				-12.9	-2.5	398406.58	6906781.92	1110
8042728	27/08/2016	190510	41	N	1275		24.8	-9	0.3	-19	59	3.87				-9	0.3	398414.41	6906794.61	1106
8042728	27/08/2016	190550	41	N	1287.5		24.8	-4.4	3.4	-28	59	4.06				-4.4	3.4	398420.44	6906805.88	1106
8042728	27/08/2016	190630	41	N	1300		24.8	-6.2	1.8	-23	64	4.22				-6.2	1.8	398429.06	6906814.86	1102
8042728	27/08/2016	190710	41	N	1312.5		24.8	-9.1	0.1	-27	63	4.26				-9.1	0.1	398437.43	6906823.38	1099
8042728	27/08/2016	190742	41	N	1325		24.8	-9.5	1.4	-33	62	4.34				-9.5	1.4	398444.34	6906831.34	1097
8042728	27/08/2016	190822	41	N	1337.5		24.8	-14.6	-2.5	-22	67	4.34				-14.6	-2.5	398449.83	6906838.74	1096
8042728	27/08/2016	190910	41	N	1350		24.8	-17.1	-3.3	-31	63	4.34				-17.1	-3.3	398457.53	6906850.28	1090
8042728	27/08/2016	190942	41	N	1362.5		24.8	-17.2	-3.7	-32	62	4.33				-17.2	-3.7	398463.12	6906859.33	1091
8042728	27/08/2016	191018	41	N	1375		24.8	-18.4	-5.2	-26	62	4.16				-18.4	-5.2	398472.19	6906866.6	1087
8042728	27/08/2016	191050	41	N	1387.5		24.8	-18	-4.4	-41	57	4.34				-18	-4.4	398475.06	6906877.83	1086
8042728	27/08/2016	191110	41	N	1387.5		24.8	-18.8	-5.4	-31	60	4.17	2					398475.07	6906877.85	1086
8042728	27/08/2016	191138	41	N	1387.5		24.8	-18.5	-5.1	-33	59	4.17	1					398474.88	6906878.06	1086
8042728	27/08/2016	191154	41	N	1387.5		24.8	-18.8	-5	-31	61	4.26	2					398474.7	6906878.25	1087
8042728	27/08/2016	191258	41	N	1400		24.8	-14.4	1.2	-27	62	4.18				-14.4	1.2	398485.37	6906891.27	1081
8042728	27/08/2016	191326	41	N	1412.5		24.8	-14.3	3.5	-24	65	4.31				-14.3	3.5	398491.21	6906896.96	1080
8042728	27/08/2016	191402	41	N	1425		24.8	-24	-3.5	-30	65	4.44				-24	-3.5	398496.21	6906909.1	1078
8042728	27/08/2016	191430	41	N	1437.5		24.8	-27.6	-7	-27	63	4.22				-27.6	-7	398502.09	6906920.05	1080
8042728	27/08/2016	191506	41	N	1450		24.8	-24.7	-1	-26	65	4.36				-24.7	-1	398507.45	6906930.06	1072
8042728	27/08/2016	191602	41	N	1462.5		24.8	-40.1	-13	-27	64	4.3				-40.1	-13	398519.62	6906939.68	1071
8042728	27/08/2016	191646	41	N	1475		24.8	-42.7	-16.4	-23	57	3.8				-42.7	-16.4	398528.51	6906945.18	1067
8042728	27/08/2016	191934	41	N	1487.5	Accidental, Delete	24.8	-41.7	-16.2	-20	55	3.61	9					398531.15	6906949.55	1065
8042728	27/08/2016	192038	41	N	1487.5		24.8	-36.8	-13.5	-24	51	3.49				-36.8	-13.5	398537.9	6906960.51	1063
8042728	27/08/2016	192114	41	N	1500		24.8	-30.5	-8.9	-29	48	3.52				-30.5	-8.9	398541.43	6906970.61	1059
8042728	27/08/2016	192150	41	N	1512.5		24.8	-21.9	-4.6	-55	97	3.43				-21.9	-4.6	398549.21	6906981.26	1056
8042728	27/08/2016	192234	41	N	1525		24.8	-17.5	-2	-57	98	3.49	1					398554.33	6906991.8	1052
8042728	27/08/2016	192250	41	N	1525		24.8	-17.7	-1.9	-66	94	3.55				-17.7	-1.9	398553.67	6906994.42	1057
8042728	27/08/2016	192330	41	N	1537.5		24.8	-13.7	-1.8	-42	104	3.45				-13.7	-1.8	398561.43	6907004.46	1049
8042728	27/08/2016	192406	41	N	1550		24.8	-12.7	-2.2	-58	94	3.42				-12.7	-2.2	398569.94	6907011.59	1046
8042728	27/08/2016	192438	41	N	1562.5		24.8	-9.5	-1.8	-42	101	3.37				-9.5	-1.8	398575.24	6907019.23	1045
8042728	27/08/2016	192510	41	N	1575		24.8	-3.6	3.3	-51	96	3.36				-3.6	3.3	398582.48	6907029.38	1040
8042728	27/08/2016	192554	41	N	1587.5		24.8	0.3	3.5	-39	99	3.29	1					398590.28	6907038.04	1040
8042728	27/08/2016	192614	41	N	1587.5		24.8	0.8	4.1	-41	98	3.28				0.8	4.1	398590.17	6907038.35	1040
8042728	27/08/2016	192706	41	N	1600		24.8	3.9	3.6	-51	100	3.47				3.9	3.6	398597.8	6907048.79	1041
8042728	27/08/2016	192810	41	N	1612.5		24.8	6.8	4.4	-46	100	3.39				6.8	4.4	398606.28	6907059.23	1043
8042728	27/08/2016	192826	41	N	1612.5		24.8	7.5	3.2	-39	102	3.38	1					398605.91	6907059.3	1044
8042728	27/08/2016	192914	41	N	1625		24.8	10.8	4.8	-62	97	3.55				10.8	4.8	398611.42	6907067.61	1045
8042728	27/08/2016	193002	41	N	1637.5		24.8	13.8	6.2	-54	101	3.52				13.8	6.2	398616.88	6907077.74	1050
8042728	27/08/2016	193046	41	N	1650		24.8	16.6	9	-72	99	3.77				16.6	9	398619.68	6907087.79	1051
8042728	27/08/2016	193154	41	N	1662.5		24.8	22.6	11	-37	109	3.56				22.6	11	398628.96	6907099.47	1059
8042728	27/08/2016	193242	41	N	1675		24.8	26.8	16.2	-30	114	3.63				26.8	16.2	398637.34	6907109.36	1063
8042728	27/08/2016	193322	41	N	1687.5		24.8	28.5	19.5	-48	116	3.88				28.5	19.5	398641.93	6907122.2	1069
8042728	27/08/2016	193410	41	N	1700		24.8	31.4	24	-51	122	4.09				31.4	24	398647.31	6907130.68	1062
8042728	27/08/2016	193454	41	N	1712.5		24.8	31.2	24.5	-6	68	4.23				31.2	24.5	398653.16	6907138.53	1064
8042728	27/08/2016	193534	41	N	1725		24.8	17.7	12.9	-8	74	4.6				17.7	12.9	398660.76	6907149.97	1064
8042728	27/08/2016	193614	41	N	1737.5		24.8	6.3	6.8	-20	69	4.47				6.3	6.8	398668.56	6907158.	

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	193838	41	N	1750		24.8	-1.2	5.9	-3	70	4.31			-1.2	5.9		398677.22	6907165.42	1067
8042728	27/08/2016	193914	41	N	1762.5		24.8	-2.6	6.6	6	64	4.01			-2.6	6.6		398686.96	6907174.2	1067
8042728	27/08/2016	193942	41	N	1775		24.8	-1.3	10.3	-2	64	3.99			-1.3	10.3		398694.82	6907183.97	1066
8042728	27/08/2016	194010	41	N	1787.5		24.8	0.5	12.7	-10	66	4.13			0.5	12.7		398702.54	6907193.17	1068
8042728	27/08/2016	194046	41	N	1800		24.8	1.6	15.4	-21	62	4.06			1.6	15.4		398709.75	6907205.51	1066
8042728	27/08/2016	194122	41	N	1812.5		24.8	0.7	14.1	-28	63	4.29			0.7	14.1		398716.7	6907215.34	1068
8042728	27/08/2016	194202	41	N	1825		24.8	-3.9	7.5	-25	62	4.13			-3.9	7.5		398723.82	6907230.4	1078
8042728	27/08/2016	194238	41	N	1837.5		24.8	-3.7	10.4	-36	55	4.08			-3.7	10.4		398728.15	6907236.95	1068
8042728	27/08/2016	194314	41	N	1850		24.8	2.9	15.6	-34	56	4.06			2.9	15.6		398733.96	6907249.03	1068
8042728	27/08/2016	194346	41	N	1862.5		24.8	2.1	10.4	-20	61	3.96			2.1	10.4		398740.98	6907258.26	1070
8042728	27/08/2016	194418	41	N	1875		24.8	5.7	12.7	-17	61	3.9			5.7	12.7		398749.1	6907267.46	1070
8042728	27/08/2016	194458	41	N	1887.5		24.8	5.6	9.9	-12	63	3.98			5.6	9.9		398756.25	6907276.39	1070
8042728	27/08/2016	194534	41	N	1900		24.8	10.5	14.8	-15	61	3.88			10.5	14.8		398762.35	6907286.98	1069
8042728	27/08/2016	194554	41	N	1900		24.8	10	13.6	-15	60	3.81	1					398762.29	6907286.76	1069
8042728	27/08/2016	194630	41	N	1912.5		24.8	15.8	17.2	-7	62	3.89			15.8	17.2		398769.94	6907298.87	1074
8042728	27/08/2016	194702	41	N	1925		24.8	7.2	8.7	-4	66	4.1			7.2	8.7		398779.27	6907305.29	1071
8042728	27/08/2016	194738	41	N	1937.5		24.8	7.4	8.3	9	63	3.93			7.4	8.3		398790.41	6907311.48	1070
8042728	27/08/2016	194814	41	N	1950		24.8	9.2	12	-27	61	4.12			9.2	12		398793.56	6907322.72	1072
8042728	27/08/2016	195046	41	N	1962.5		24.8	7.2	10.5	-28	62	4.23			7.2	10.5		398796.84	6907333.59	1072
8042728	27/08/2016	195114	41	N	1975		24.8	5.8	7.7	-38	63	4.56			5.8	7.7		398801.63	6907347.51	1075
8042728	27/08/2016	195130	41	N	1975		24.8	5.6	7.5	-33	64	4.48	1					398803.65	6907347.08	1079
8042728	27/08/2016	195202	41	N	1987.5		24.8	3.8	4.2	-22	65	4.26			3.8	4.2		398811.49	6907358.26	1079
8042728	27/08/2016	195230	41	N	2000		24.8	2.5	2.9	-9	64	4			2.5	2.9		398817.5	6907367.58	1078
8042728	27/08/2016	195250	41	N	2000		24.8	1.6	3.2	-22	63	4.13			1.6	3.2		398817.25	6907366.99	1077
8042728	27/08/2016	195318	41	N	2012.5		24.8	6.5	8.3	-35	59	4.26			6.5	8.3		398821.49	6907380.1	1080
8042728	27/08/2016	195350	41	N	2025		24.8	10.6	9.8	-13	65	4.12			10.6	9.8		398831.58	6907388.64	1079
8042728	27/08/2016	195418	41	N	2037.5		24.8	12.8	13.4	-17	68	4.37			12.8	13.4		398838.77	6907398.91	1081
8042728	27/08/2016	195446	41	N	2050		24.8	11.6	12.9	-3	72	4.43			11.6	12.9		398845.38	6907407.59	1081
8042728	27/08/2016	195518	41	N	2062.5		24.8	2.3	6.2	-3	76	4.72			2.3	6.2		398851.65	6907417.93	1080
8042728	27/08/2016	195546	41	N	2075		24.8	-18.5	-6.9	-13	78	4.91			-18.5	-6.9		398858.2	6907428.09	1079
8042728	27/08/2016	195618	41	N	2087.5		24.8	-26	-10.1	-20	64	4.17			-26	-10.1		398868.4	6907437.2	1077
8042728	27/08/2016	195646	41	N	2100		24.8	-20.9	-5.8	-11	63	3.98			-20.9	-5.8		398875.25	6907446.35	1078
8042728	27/08/2016	195714	41	N	2112.5		24.8	-19.9	-4.2	-10	61	3.82			-19.9	-4.2		398882.9	6907454.78	1078
8042728	27/08/2016	195746	41	N	2125		24.8	-16.9	-1.4	-16	58	3.76			-16.9	-1.4		398891.6	6907468.72	1078
8042728	27/08/2016	195818	41	N	2137.5		24.8	-12.9	0.4	-11	60	3.77			-12.9	0.4		398900.54	6907477.28	1077
8042728	27/08/2016	195854	41	N	2150		24.8	-13.3	0.2	-18	60	3.87			-13.3	0.2		398905.63	6907488.12	1075
8042728	27/08/2016	195926	41	N	2162.5		24.8	-13.8	-3.5	-14	61	3.86			-13.8	-3.5		398912.71	6907500.02	1075
8042728	27/08/2016	200002	41	N	2175		24.8	-18.1	-11.3	-19	59	3.84			-18.1	-11.3		398918.16	6907509.39	1072
8042728	27/08/2016	200034	41	N	2187.5		24.8	-16.1	-9.1	-32	53	3.87			-16.1	-9.1		398925.59	6907518.91	1071
8042728	27/08/2016	200054	41	N	2187.5		24.8	-13.4	-9.4	-21	56	3.74	1					398925.87	6907519.28	1072
8042728	27/08/2016	200126	41	N	2200		24.8	-10.4	-7.4	-16	56	3.6			-10.4	-7.4		398933.22	6907527.66	1071
8042728	27/08/2016	200202	41	N	2212.5		24.8	-3.3	-2.3	-10	58	3.65			-3.3	-2.3		398941.03	6907538.57	1069
8042728	27/08/2016	200230	41	N	2225		24.8	-3.3	-3.7	-13	61	3.86			-3.3	-3.7		398947.86	6907545.59	1067
8042728	27/08/2016	200302	41	N	2237.5		24.8	-5.7	-6.8	-19	62	4.01			-5.7	-6.8		398955.84	6907556.62	1065
8042728	27/08/2016	200334	41	N	2250		24.8	-7.9	-10.3	-8	64	3.97			-7.9	-10.3		398963.03	6907566.41	1063
8042728	27/08/2016	200402	41	N	2262.5		24.8	-8.8	-10.9	-19	62	3.99			-8.8	-10.9		398969.69	6907576.26	1059
8042728	27/08/2016	200434	41	N	2275		24.8	-9.5	-11.6	-16	62	3.97			-9.5	-11.6		398976.44	6907585.03	1056
8042728	27/08/2016	200506	41	N	2287.5		24.8	-9.4	-11.4	-19	60	3.92			-9.4	-11.4		398982.44	6907594.71	1054
8042728	27/08/2016	200546	41	N	2300		24.8	-10.5	-13.1	-20	62	4.02			-10.5	-13.1		398990.76	6907605.73	1051
8042728	27/08/2016	200618	41	N	2312.5		24.8	-11.7	-14.3	-23	60	3.97			-11.7	-14.3		398996.59	6907614.87	1047
8042728	27/08/2016	200706	41	N	2325		24.8	-11.3	-13.9	-24	60	4			-11.3	-13.9		399002.49	6907624.22	1042
8042728	27/08/2016	200746	41	N	2337.5		24.8	-14	-14.9	-25	59	4.01			-14	-14.9		399008.45	6907634.23	1037
8042728	27/08/2016	200818	41	N	2350		24.8	-18.4	-16.8	-23	63	4.19			-18.4	-16.8		399016.29	6907644.2	1032
8042728	27/08/2016	200834	41	N	2350		24.8	-18.3	-18	-22	61	4	1					399016.3	6907644.32	1032
8042728	27/08/2016	200850	41	N	2350		24.8	-18.5	-17.8	-19	62	4	1					399016.48	6907644.41	1032
1124844	27/08/2016	173714	43	N	0		24.8	-5.4	-3.7	8	66	4.14						397850.8	6905642.38	1216
1124844	27/08/2016	173658	43	N	0		24.8	-5	-3	9	67	4.2			-5	-3	best fit	397850.9	6905642.31	1216
1124844	27/08/2016	173638	43	N	0		24.8	-4.7	-2.9	14	66	4.19	2					397851.14	6905642.03	1216
1124844	27/08/2016	173910	43	N	12.5		24.8	-1.1	-0.7	24	66	4.34			-1.1	-0.7		397858.52	6905652.94	1217
1124844	27/08/2016	173946	43	N	25		24.8	3.7	0.4	15	67	4.28			3.7	0.4		397864.97	6905664.19	1218
1124844	27/08/2016	174026	43	N	37.5		24.8	2.1	-3.7	5	68	4.2			2.1	-3.7		397872.44	6905672.9	1219
1124844	27/08/2016	174106	43	N	50		24.8	4.1	-0.7	3	69	4.25			4.1	-0.7		397880.43	6905682.16	1221
1124844	27/08/2016	174150	43	N	62.5		24.8	5.8	0.1	8	67	4.2			5.8	0.1		397888.06	6905693.07	1221
1124844	27/08/2016	174226	43	N	75		24.8	11.7	3.6	1	70	4.34			11.7	3.6		397894.43	6905704.45	1223
1124844	27/08/2016	174310	43	N	87.5		24.8	14.3	7.1	6	66	4.12			14.3	7.1		397901.97	6905713.19	1225
1124844	27/08/2016	174406	43	N	100		24.8	16.8	8.2	7	69	4.28			16.8	8.2		397909.05	6905724.05	1226

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	174346	43	N	100		24.8	18.3	10	11	67	4.22	1					397908.74	6905723.88	1226
1124844	27/08/2016	174446	43	N	112.5		24.8	18	11.3	8	63	3.91			18	11.3		397917.13	6905733.88	1227
1124844	27/08/2016	174534	43	N	125		24.8	19.9	13.5	7	63	3.9			19.9	13.5		397925.35	6905744.2	1229
1124844	27/08/2016	174614	43	N	137.5		24.8	18.5	14.3	8	58	3.64			18.5	14.3		397928.69	6905755	1231
1124844	27/08/2016	174650	43	N	150		24.8	13.4	10.6	3	58	3.61			13.4	10.6		397936.96	6905764.69	1233
1124844	27/08/2016	174738	43	N	162.5		24.8	8.2	7.4	2	58	3.61			8.2	7.4		397944.67	6905774.72	1235
1124844	27/08/2016	174818	43	N	175		24.8	6.1	6.8	0	59	3.66			6.1	6.8		397952.98	6905783.26	1236
1124844	27/08/2016	174910	43	N	187.5		24.8	1.4	4.1	-1	58	3.59			1.4	4.1		397959.55	6905793.74	1238
1124844	27/08/2016	174950	43	N	200		24.8	0	5.2	-2	60	3.75			0	5.2		397966.49	6905803.12	1239
1124844	27/08/2016	175026	43	N	212.5		24.8	-1.5	8.3	8	57	3.6			-1.5	8.3		397973.49	6905812.94	1241
1124844	27/08/2016	175118	43	N	225		24.8	-3.7	8.2	9	59	3.69			-3.7	8.2		397982.66	6905822.86	1242
1124844	27/08/2016	175350	43	N	237.5		24.8	-10.2	3	11	58	3.64			-10.2	3		397990.71	6905831.26	1243
1124844	27/08/2016	175438	43	N	250		24.8	-12.5	3.6	-2	59	3.67			-12.5	3.6		397997.98	6905842.24	1244
1124844	27/08/2016	175530	43	N	262.5		24.8	-18.2	-0.5	0	60	3.73			-18.2	-0.5		398006.05	6905852.75	1246
1124844	27/08/2016	175626	43	N	275		24.8	-23.2	-4.3	9	62	3.91			-23.2	-4.3		398010.02	6905864.2	1249
1124844	27/08/2016	175610	43	N	275		24.8	-23.4	-4.8	11	60	3.79	1					398010.12	6905864.16	1249
1124844	27/08/2016	175706	43	N	287.5		24.8	-28.1	-8.2	14	63	4.01			-28.1	-8.2		398016.99	6905875.92	1250
1124844	27/08/2016	1826	43	N	287.5		24.8	-36.6	-9.4	0	99	3.05	1					398017.51	6905878.49	1250
1124844	27/08/2016	175750	43	N	300		24.8	-27.6	-6.9	16	68	4.32			-27.6	-6.9		398022.53	6905886.01	1252
1124844	27/08/2016	1902	43	N	300		24.8	-42.3	-11.2	0	99	3.04	1					398024.1	6905888.88	1251
1124844	27/08/2016	175826	43	N	312.5		24.8	-31.6	-12.1	13	72	4.56			-31.6	-12.1		398030.48	6905896.44	1253
1124844	27/08/2016	1938	43	N	312.5		24.8	-42.2	-14.2	7	99	3.05	1					398032.18	6905898.76	1253
1124844	27/08/2016	175910	43	N	325		24.8	-8.8	2.8	10	82	5.13			-8.8	2.8		398037.77	6905908.33	1255
1124844	27/08/2016	2014	43	N	325		24.8	-9.9	8.4	-3	99	3.05	1					398038.38	6905908.8	1254
1124844	27/08/2016	175958	43	N	337.5	Near Truck, could have influence.	24.8	-1.6	6.8	2	72	4.48			-1.6	6.8		398046.25	6905917.64	1256
1124844	27/08/2016	2050	43	N	337.5		24.8	3.4	11.7	-28	99	3.17	1					398046.2	6905918.88	1254
1124844	27/08/2016	180254	43	N	350		24.8	-6.2	-0.9	8	71	4.42			-6.2	-0.9		398052.52	6905929.86	1258
1124844	27/08/2016	2130	43	N	350		24.8	-5.5	1.4	0	99	3.04	1					398052.47	6905929.92	1257
1124844	27/08/2016	180402	43	N	362.5		24.8	-10.4	-6.5	12	69	4.35			-10.4	-6.5		398058.34	6905938.26	1261
1124844	27/08/2016	2214	43	N	362.5		24.8	-11.1	-7.4	-26	99	3.15	1					398059.48	6905938.76	1260
1124844	27/08/2016	180454	43	N	375		24.8	-14.3	-13.3	1	73	4.54			-14.3	-13.3		398065.88	6905948.93	1263
1124844	27/08/2016	2306	43	N	375		24.8	-18.3	-17.6	-19	99	3.11	1					398066.34	6905948.71	1262
1124844	27/08/2016	180642	43	N	387.5		24.8	-15.2	-16	-1	76	4.68			-15.2	-16		398075.04	6905960.99	1265
1124844	27/08/2016	2354	43	N	387.5		24.8	-17.5	-20.2	5	99	3.05	1					398073.98	6905957.98	1264
1124844	27/08/2016	180726	43	N	400		24.8	-14.1	-15	12	79	4.92			-14.1	-15		398079.71	6905969.55	1266
1124844	27/08/2016	180814	43	N	412.5		24.8	-11.5	-14.6	25	78	5.05			-11.5	-14.6		398086.19	6905979.87	1268
1124844	27/08/2016	180934	43	N	425		24.8	-2.1	-12.4	-2	82	5.05	2					398094.19	6905990.42	1270
1124844	27/08/2016	180914	43	N	425		24.8	-3.1	-12.5	-6	83	5.14			-3.1	-12.5		398094.33	6905990.34	1269
1124844	27/08/2016	180854	43	N	425		24.8	-3	-11.7	0	82	5.04	1					398094.44	6905989.9	1269
1124844	27/08/2016	181026	43	N	437.5		24.8	3.2	-11.6	-4	81	5.01			3.2	-11.6		398103.16	6905999.81	1271
1124844	27/08/2016	181226	43	N	450	Points Drift off to the East	24.8	0.4	-16.1	26	79	5.17	2					398118.65	6906003.1	1272
1124844	27/08/2016	181158	43	N	450	Points Drift off to the East	24.8	5.7	-14	-35	76	5.19	2					398115.77	6906005.81	1272
1124844	27/08/2016	181134	43	N	450	Points Drift off to the East	24.8	5.3	-13.7	-4	85	5.25			5.3	-13.7		398112.42	6906008.4	1272
1124844	27/08/2016	181102	43	N	450	Points Drift off to the East	24.8	5.8	-13.2	0	82	5.09	1					398110.74	6906009.62	1272
1124844	27/08/2016	181702	43	N	462.5		24.8	8.9	-13.5	5	85	5.29			8.9	-13.5		398116.24	6906021.33	1274
1124844	27/08/2016	181742	43	N	475		24.8	13.5	-13.2	14	84	5.24			13.5	-13.2		398124.14	6906032.12	1275
1124844	27/08/2016	181818	43	N	487.5		24.8	22.2	-9.1	5	90	5.59			22.2	-9.1		398130.64	6906042.46	1276
1124844	27/08/2016	181906	43	N	500		24.8	38.5	0.4	13	79	4.92			38.5	0.4		398138.17	6906053.76	1276
1124844	27/08/2016	181942	43	N	512.5		24.8	41.6	0.2	8	76	4.73			41.6	0.2		398146.1	6906064.39	1275
1124844	27/08/2016	182014	43	N	525		24.8	48.5	1.6	12	71	4.43			48.5	1.6		398153.09	6906075.45	1274
1124844	27/08/2016	182118	43	N	537.5		24.8	51.4	4	12	68	4.28	1					398159.04	6906086	1273
1124844	27/08/2016	182058	43	N	537.5		24.8	50.6	3.2	7	70	4.34			50.6	3.2		398158.58	6906086.22	1273
1124844	27/08/2016	182150	43	N	550		24.8	54.1	5.8	5	63	3.94			54.1	5.8		398167.24	6906097.26	1271
1124844	27/08/2016	182222	43	N	562.5		24.8	53.8	2.3	8	61	3.84			53.8	2.3		398175.14	6906107.87	1270
1124844	27/08/2016	182258	43	N	575		24.8	50.8	0.2	15	60	3.84			50.8	0.2		398183.62	6906116.94	1268
1124844	27/08/2016	182350	43	N	587.5		24.8	43.2	-7	11	64	4.01			43.2	-7		398190.65	6906126.64	1265
1124844	27/08/2016	182330	43	N	587.5		24.8	49.3	-3.9	7	61	3.77	1					398190.75	6906126.77	1265
1124844	27/08/2016	182422	43	N	600		24.8	49.6	-3.6	15	60	3.82			49.6	-3.6		398197.19	6906137.7	1263
1124844	27/08/2016	182454	43	N	612.5		24.8	49.7	-2.6	12	60	3.81			49.7	-2.6		398204.66	6906148.09	1259
1124844	27/08/2016	182522	43	N	625		24.8	55.5	3.5	14	58	3.72			55.5	3.5		398211.71	6906158.81	1256
1124844	27/08/2016	182550	43	N	637.5		24.8	56.5	6.6	17	55	3.59			56.5	6.6		398219.57	6906166.13	1253
1124844	27/08/2016	182634	43	N	650		24.8	57.5	6.6	6	52	3.25			57.5	6.6		398226.5	6906177.46	1250
1124844	27/08/2016	182710	43	N	662.5		24.8	49.6	1.4	14	52	3.36			49.6	1.4		398233.38	6906184.83	1248
1124844	27/08/2016	182742	43	N	675		24.8	45.7	2.3	20	51	3.39			45.7	2.3		398241.21	6906193.91	1244
1124844	27/08/2016	182818	43	N	687.5		24.8	47.6	4.4	9	53	3.32			47.6	4.4		398250.42	6906204.08	1241
1124844	27/08/2016	183258	43	N	700		24.8	46.2	6.1	12	51	3.28			46.2	6.1		398257.42	6906216.39	1237

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	183238	43	N	700		24.8	48.4	6.8	11	51	3.24	1					398257.51	6906216.21	1237
1124844	27/08/2016	183326	43	N	712.5		24.8	48	8.5	11	50	3.18			48	8.5		398263.65	6906224.33	1235
1124844	27/08/2016	183354	43	N	725		24.8	44.3	9.1	17	49	3.21			44.3	9.1		398269.64	6906233.76	1233
1124844	27/08/2016	183422	43	N	737.5		24.8	40.8	9.2	19	97	3.04			40.8	9.2		398277.29	6906244.28	1229
1124844	27/08/2016	183454	43	N	750		24.8	36.3	8.4	23	96	3.06			36.3	8.4		398285.29	6906254.37	1226
1124844	27/08/2016	183526	43	N	762.5		24.8	34.9	7.5	22	97	3.07			34.9	7.5		398291.85	6906262.82	1223
1124844	27/08/2016	183558	43	N	775		24.8	33.3	7.2	14	97	3.02			33.3	7.2		398298.87	6906273.81	1221
1124844	27/08/2016	183626	43	N	787.5		24.8	26.8	5	28	96	3.09			26.8	5		398305.14	6906281.63	1218
1124844	27/08/2016	183658	43	N	800		24.8	27.1	7.4	10	97	3.02			27.1	7.4		398313.48	6906290.95	1215
1124844	27/08/2016	183730	43	N	812.5		24.8	26.6	8.8	16	98	3.06			26.6	8.8		398321.62	6906301.74	1211
1124844	27/08/2016	183802	43	N	825		24.8	27.1	14.3	13	98	3.04			27.1	14.3		398329.97	6906312.61	1208
1124844	27/08/2016	183834	43	N	837.5		24.8	22.6	12.5	21	98	3.09			22.6	12.5		398337.17	6906322.66	1204
1124844	27/08/2016	183922	43	N	850		24.8	24.1	18.7	18	98	3.07			24.1	18.7		398343.26	6906331.66	1202
1124844	27/08/2016	183906	43	N	850		24.8	23.7	20.6	25	97	3.1			23.7	20.6		398343.21	6906331.81	1202
1124844	27/08/2016	183950	43	N	862.5		24.8	19.9	20.4	38	95	3.17			19.9	20.4		398349.28	6906341.64	1199
1124844	27/08/2016	184026	43	N	875		24.8	18.3	24.1	29	96	3.09			18.3	24.1		398356.82	6906353.59	1196
1124844	27/08/2016	184058	43	N	887.5		24.8	14.3	23.7	26	97	3.1			14.3	23.7		398363.56	6906362.84	1193
1124844	27/08/2016	184130	43	N	900		24.8	10.4	23.1	18	98	3.07			10.4	23.1		398370.81	6906372.08	1190
1124844	27/08/2016	184218	43	N	912.5		24.8	9.1	25.2	40	95	3.19			9.1	25.2		398377.16	6906383	1187
1124844	27/08/2016	184334	43	N	925		24.8	6.8	26.5	8	98	3.03			6.8	26.5		398384.02	6906393.78	1184
1124844	27/08/2016	184406	43	N	937.5		24.8	4.8	25.4	14	98	3.05			4.8	25.4		398390.11	6906402.32	1181
1124844	27/08/2016	184446	43	N	950		24.8	1.1	22	-5	98	3.03			1.1	22		398398.33	6906413.19	1176
1124844	27/08/2016	184546	43	N	962.5		24.8	-1.8	19.8	10	98	3.04	1					398403.26	6906421.91	1174
1124844	27/08/2016	184518	43	N	962.5		24.8	-2.6	20	12	98	3.05			-2.6	20		398403.58	6906422.13	1173
1124844	27/08/2016	184618	43	N	975		24.8	-0.8	21.3	8	98	3.03			-0.8	21.3		398410.91	6906432.28	1169
1124844	27/08/2016	184654	43	N	987.5		24.8	-1.2	20.1	9	98	3.03			-1.2	20.1		398417.53	6906442.36	1165
1124844	27/08/2016	184726	43	N	1000		24.8	-2.5	18.9	7	98	3.03			-2.5	18.9		398423.27	6906451.14	1162
1124844	27/08/2016	184838	43	N	1012.5		24.8	-0.3	18.6	-12	98	3.04			-0.3	18.6		398430.98	6906460.52	1158
1124844	27/08/2016	184810	43	N	1012.5		24.8	0.6	20.7	9	98	3.03	1					398431.7	6906460	1157
1124844	27/08/2016	184934	43	N	1025		24.8	-2.9	15.6	15	98	3.06			-2.9	15.6		398438.62	6906470.21	1153
1124844	27/08/2016	184918	43	N	1025		24.8	-4.9	14.9	28	98	3.14	2					398438.94	6906470.23	1153
1124844	27/08/2016	185058	43	N	1037.5		24.8	-0.9	15.3	15	98	3.06	1					398444.36	6906481.03	1149
1124844	27/08/2016	185038	43	N	1037.5		24.8	-4.1	14.6	24	98	3.12	1					398443.97	6906481.36	1148
1124844	27/08/2016	185014	43	N	1037.5		24.8	-2.5	14	25	98	3.12			-2.5	14		398444.13	6906481.63	1148
1124844	27/08/2016	185138	43	N	1050		24.8	-2.6	11.7	7	98	3.03			-2.6	11.7		398450.06	6906490.77	1144
1124844	27/08/2016	185214	43	N	1062.5		24.8	-2	9.4	9	98	3.03			-2	9.4		398455.64	6906501.51	1140
1124844	27/08/2016	185250	43	N	1075		24.8	1.6	8.5	7	98	3.03			1.6	8.5		398462.55	6906512.18	1137
1124844	27/08/2016	185322	43	N	1087.5		24.8	19.7	12.3	11	98	3.04			19.7	12.3		398470.39	6906520.61	1134
1124844	27/08/2016	185402	43	N	1100		24.8	45.6	21.3	-4	98	3.02			45.6	21.3		398476.81	6906530.93	1130
1124844	27/08/2016	185518	43	N	1112.5		24.8	51.4	24.4	3	98	3.02	2					398481.19	6906540.99	1129
1124844	27/08/2016	185458	43	N	1112.5		24.8	60.3	27.6	6	98	3.03			60.3	27.6	best fit	398481.17	6906540.92	1129
1124844	27/08/2016	185434	43	N	1112.5		24.8	50.9	23.7	13	98	3.05	1					398481.22	6906540.67	1129
1124844	27/08/2016	185558	43	N	1125		24.8	78	36.1	15	98	3.05			78	36.1		398491.76	6906549.74	1125
1124844	27/08/2016	185658	43	N	1137.5		24.8	66	32.9	7	98	3.03	1					398498.2	6906560.06	1122
1124844	27/08/2016	185638	43	N	1137.5		24.8	67.4	33.3	25	98	3.12			67.4	33.3		398499.19	6906559.04	1121
1124844	27/08/2016	185730	43	N	1150		24.8	54.1	24	3	98	3.02			54.1	24		398507.96	6906568.44	1120
1124844	27/08/2016	185806	43	N	1162.5		24.8	54.6	24.5	7	98	3.03			54.6	24.5		398513.18	6906578	1118
1124844	27/08/2016	185838	43	N	1175		24.8	47.8	19	6	98	3.02			47.8	19		398519.35	6906589.03	1114
1124844	27/08/2016	185946	43	N	1187.5		24.8	40.4	12.1	3	98	3.02			40.4	12.1		398527.04	6906599.14	1110
1124844	27/08/2016	190054	43	N	1200		24.8	39.9	11.9	0	98	3.02	2					398533.81	6906608.47	1109
1124844	27/08/2016	190038	43	N	1200		24.8	39.6	12	8	98	3.03	1					398533.84	6906608.45	1108
1124844	27/08/2016	190018	43	N	1200		24.8	41.3	13.9	24	98	3.11			41.3	13.9		398533.96	6906608.37	1108
1124844	27/08/2016	190126	43	N	1212.5		24.8	39.9	8.1	10	98	3.04			39.9	8.1		398541.75	6906618.6	1105
1124844	27/08/2016	190226	43	N	1225		24.8	47	14.7	17	98	3.07			47	14.7		398548.83	6906630.2	1104
1124844	27/08/2016	190254	43	N	1237.5		24.8	50.1	20.5	20	98	3.08			50.1	20.5		398555.31	6906638.05	1101
1124844	27/08/2016	190326	43	N	1250		24.8	49.9	19.3	9	98	3.03			49.9	19.3		398562.31	6906648.39	1098
1124844	27/08/2016	190418	43	N	1262.5		24.8	47	17.6	11	97	3.02	1					398567.22	6906658.07	1094
1124844	27/08/2016	190358	43	N	1262.5		24.8	46.2	17	19	98	3.07			46.2	17		398566.9	6906658.49	1095
1124844	27/08/2016	190514	43	N	1275		24.8	46.9	18	14	96	3			46.9	18		398574.46	6906669.71	1090
1124844	27/08/2016	190454	43	N	1275		24.8	45.1	16.9	13	97	3.01			45.1	16.9		398574.47	6906668.96	1089
1124844	27/08/2016	190546	43	N	1287.5		24.8	46.7	20	13	95	2.96			46.7	20		398581.02	6906679.92	1087
1124844	27/08/2016	190622	43	N	1300		24.8	44.5	17.1	9	94	2.91			44.5	17.1		398588.01	6906689.33	1083
1124844	27/08/2016	190730	43	N	1312.5		24.8	36.6	13.2	16	94	2.94			36.6	13.2		398596.19	6906698.37	1081
1124844	27/08/2016	190658	43	N	1312.5		24.8	39	13.4	4	93	2.88	1					398596.33	6906698.44	1081
1124844	27/08/2016	190802	43	N	1325		24.8	34	9.7	18	92	2.88			34	9.7		398602.73	6906708.2	1077
1124844	27/08/2016	190902	43	N	1337.5		24.8	31.2	7.4	14	94	2.93			31.2	7.4		398609.79	6906717.59	1074

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	190838	43	N	1337.5		24.8	30.4	6.7	12	94	2.92	1					398609.75	6906717.63	1074
1124844	27/08/2016	191018	43	N	1350		24.8	24.5	5.4	5	96	2.97	2					398617.84	6906727.31	1069
1124844	27/08/2016	190958	43	N	1350		24.8	21.2	4.5	26	95	3.03			21.2	4.5		398617.89	6906726.97	1070
1124844	27/08/2016	190938	43	N	1350		24.8	24.2	3.7	-15	95	2.97	1					398617.92	6906726.77	1070
1124844	27/08/2016	191054	43	N	1362.5		24.8	19.3	3.2	14	96	3			19.3	3.2		398624.47	6906738.24	1064
1124844	27/08/2016	191126	43	N	1375		24.8	18.6	5	3	97	2.99			18.6	5		398629.51	6906747.7	1062
1124844	27/08/2016	191158	43	N	1387.5		24.8	20.8	8.5	-3	96	2.98			20.8	8.5		398637.04	6906758.48	1061
1124844	27/08/2016	191234	43	N	1400		24.8	16.5	9	16	97	3.02			16.5	9		398644.06	6906767.24	1059
1124844	27/08/2016	191642	43	N	1412.5		24.8	11.3	4.3	1	98	3.02			11.3	4.3		398650.91	6906778.83	1057
1124844	27/08/2016	191718	43	N	1425		24.8	5.1	3.8	34	97	3.17			5.1	3.8		398658.85	6906790.13	1055
1124844	27/08/2016	191806	43	N	1437.5		24.8	9.9	2.7	7	98	3.03	1					398664.6	6906797.41	1051
1124844	27/08/2016	191750	43	N	1437.5		24.8	10.5	3.9	16	98	3.06			10.5	3.9		398664.45	6906798.13	1053
1124844	27/08/2016	191934	43	N	1450		24.8	25.7	13.4	-12	98	3.05			25.7	13.4		398671.67	6906808.61	1050
1124844	27/08/2016	191842	43	N	1450		24.8	23.9	12.7	2	98	3.02			23.9	12.7		398671.83	6906808.37	1050
1124844	27/08/2016	192014	43	N	1462.5		24.8	40.8	25.6	10	98	3.04			40.8	25.6		398679.2	6906818.58	1047
1124844	27/08/2016	192058	43	N	1475		24.8	40.3	24.3	0	98	3.03			40.3	24.3		398688.24	6906827.96	1045
1124844	27/08/2016	192138	43	N	1487.5		24.8	37.4	22.6	27	96	3.09			37.4	22.6		398695.88	6906836.22	1041
1124844	27/08/2016	192222	43	N	1500		24.8	36.9	19.3	33	93	3.05			36.9	19.3		398702.8	6906845	1038
1124844	27/08/2016	192318	43	N	1512.5		24.8	30.2	14.6	29	94	3.03			30.2	14.6		398710.96	6906855.8	1036
1124844	27/08/2016	192434	43	N	1525		24.8	28	16.5	16	88	2.77			28	16.5		398717.32	6906866.68	1035
1124844	27/08/2016	192526	43	N	1537.5		24.8	26.5	14.6	21	90	2.86			26.5	14.6		398721.57	6906878.65	1034
1124844	27/08/2016	192646	43	N	1550		24.8	22.1	12.8	31	89	2.91			22.1	12.8		398725.91	6906888.21	1032
1124844	27/08/2016	192722	43	N	1562.5		24.8	15.8	9.7	16	90	2.83			15.8	9.7		398732.1	6906897.5	1031
1124844	27/08/2016	192758	43	N	1575		24.8	7.2	3.1	16	92	2.87			7.2	3.1		398739.73	6906907.27	1029
1124844	27/08/2016	192838	43	N	1587.5		24.8	2.4	0.4	21	94	2.98			2.4	0.4		398748.39	6906916.67	1025
1124844	27/08/2016	192914	43	N	1600		24.8	-5.1	-4.4	21	94	2.98			-5.1	-4.4		398755.39	6906927.09	1022
1124844	27/08/2016	193046	43	N	1612.5		24.8	-14.5	-9.2	23	98	3.1			-14.5	-9.2		398764.25	6906934.71	1020
1124844	27/08/2016	193202	43	N	1625		24.8	-13.3	-6.5	29	98	3.15			-13.3	-6.5		398770.71	6906943.5	1025
1124844	27/08/2016	193338	43	N	1637.5		24.8	-14.9	-11.6	23	98	3.11			-14.9	-11.6		398776.94	6906954.03	1030
1124844	27/08/2016	193426	43	N	1650		24.8	-11.9	-9.7	44	98	3.32			-11.9	-9.7		398780.86	6906964.43	1034
1124844	27/08/2016	193514	43	N	1662.5		24.8	-7.7	-11.1	33	98	3.19			-7.7	-11.1		398787.14	6906975.44	1038
1124844	27/08/2016	193642	43	N	1675		24.8	-4.5	-12.2	37	98	3.24			-4.5	-12.2		398794.11	6906983.2	1039
1124844	27/08/2016	193814	43	N	1687.5		24.8	7.6	-11.9	45	98	3.34			7.6	-11.9		398803.07	6906993.66	1036
1124844	27/08/2016	193850	43	N	1700		24.8	32	-1.1	42	98	3.3			32	-1.1		398808.72	6907003.84	1035
1124844	27/08/2016	193950	43	N	1712.5	Close to next station, Possible GPS issue	24.8	44	2.4	47	98	3.36			44	2.4		398815.82	6907020.39	1041
1124844	27/08/2016	194034	43	N	1725		24.8	44	1.5	36	98	3.23			44	1.5		398821.72	6907024.18	1041
1124844	27/08/2016	194118	43	N	1737.5		24.8	46.8	1.1	-4	98	3.03			46.8	1.1		398828.4	6907033.69	1043
1124844	27/08/2016	194214	43	N	1750		24.8	38.6	-0.6	22	98	3.1			38.6	-0.6		398835.63	6907043.62	1050
1124844	27/08/2016	194318	43	N	1762.5		24.8	38.9	0.4	26	97	3.12			38.9	0.4		398842.79	6907052.58	1051
1124844	27/08/2016	194358	43	N	1775		24.8	31.1	-1.5	37	95	3.15			31.1	-1.5		398850.76	6907065.15	1054
1124844	27/08/2016	194430	43	N	1787.5		24.8	29.1	-1.8	25	97	3.11			29.1	-1.8		398857.65	6907074.81	1055
1124844	27/08/2016	194510	43	N	1800		24.8	24	-4.7	40	92	3.11			24	-4.7		398864.22	6907083.9	1055
1124844	27/08/2016	194542	43	N	1812.5		24.8	20.3	-4.4	40	94	3.16			20.3	-4.4		398873.04	6907093.81	1058
1124844	27/08/2016	194614	43	N	1825		24.8	16.1	-5.8	26	95	3.05			16.1	-5.8		398881.48	6907103.07	1057
1124844	27/08/2016	194650	43	N	1837.5		24.8	8.6	-10.2	15	96	3.01			8.6	-10.2		398890.06	6907112.84	1059
1124844	27/08/2016	194726	43	N	1850		24.8	7	-8.6	28	97	3.12			7	-8.6		398895.71	6907123.46	1059
1124844	27/08/2016	194814	43	N	1862.5		24.8	5.4	-7.1	12	98	3.04			5.4	-7.1		398901.63	6907135.61	1058
1124844	27/08/2016	194850	43	N	1875		24.8	1	-8.7	29	96	3.1			1	-8.7		398910.21	6907144.39	1057
1124844	27/08/2016	195050	43	N	1887.5		24.8	-1.7	-9.6	36	96	3.16			-1.7	-9.6		398917.54	6907152.19	1056
1124844	27/08/2016	195126	43	N	1900		24.8	-4.6	-7.8	45	94	3.23			-4.6	-7.8		398922	6907165.84	1060
1124844	27/08/2016	195158	43	N	1912.5		24.8	-3.5	-4.9	26	98	3.12			-3.5	-4.9		398930.52	6907176.55	1061
1124844	27/08/2016	195238	43	N	1925		24.8	-6.3	-3.5	18	98	3.08			-6.3	-3.5		398939.39	6907186.87	1060
1124844	27/08/2016	195310	43	N	1937.5		24.8	-8.8	-5	44	97	3.27			-8.8	-5		398942.81	6907194.74	1060
1124844	27/08/2016	195342	43	N	1950		24.8	-15.8	-10.7	51	97	3.38			-15.8	-10.7		398947.5	6907207.89	1061
1124844	27/08/2016	195418	43	N	1962.5		24.8	-17.2	-12.4	33	98	3.2			-17.2	-12.4		398958.19	6907215.69	1060
1124844	27/08/2016	195450	43	N	1975		24.8	-6.1	-3.5	23	98	3.11			-6.1	-3.5		398965.06	6907225.51	1062
1124844	27/08/2016	195526	43	N	1987.5		24.8	3.3	6.3	21	98	3.1			3.3	6.3		398972.62	6907235.64	1063
1124844	27/08/2016	195602	43	N	2000		24.8	8.5	13.1	26	98	3.13			8.5	13.1		398979.09	6907244.56	1064
1124844	27/08/2016	195634	43	N	2012.5		24.8	17.4	21.1	2	98	3.03			17.4	21.1		398989.3	6907253.67	1064
1124844	27/08/2016	195718	43	N	2025		24.8	9.8	14.3	47	98	3.35			9.8	14.3		398993.91	6907263.32	1061
1124844	27/08/2016	195750	43	N	2037.5		24.8	7	10.9	50	97	3.39			7	10.9		398998.85	6907272.82	1060
1124844	27/08/2016	195822	43	N	2050		24.8	5.4	8.9	61	94	3.44			5.4	8.9		399004.73	6907285.44	1061
1124844	27/08/2016	195902	43	N	2062.5		24.8	5.4	9.4	26	98	3.14			5.4	9.4		399011.31	6907297.08	1061
1124844	27/08/2016	195942	43	N	2075		24.8	0	5.1	12	98	3.05			0	5.1		399023.21	6907304	1058
1124844	27/08/2016	200022	43	N	2087.5		24.8	-1.5	2.8	8	98	3.04			-1.5	2.8		399030.6	6907316.61	1059
1124844	27/08/2016	200102	43	N	2100		24.8	-1.5	3.7	35	98	3.22			-1.5	3.7		399037.86	6907327.02	1058

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	200134	43	N	2112.5		24.8	10.2	17.3	17	98	3.07			10.2	17.3		399042.87	6907336.08	1059
1124844	27/08/2016	200210	43	N	2125		24.8	6.4	17.8	30	98	3.17			6.4	17.8		399049.2	6907348.76	1059
1124844	27/08/2016	200246	43	N	2137.5		24.8	0.4	12.6	20	98	3.07			0.4	12.6		399055.78	6907356.04	1059
1124844	27/08/2016	200322	43	N	2150		24.8	-4.8	6.4	28	98	3.15			-4.8	6.4		399065.87	6907365.71	1059
1124844	27/08/2016	200354	43	N	2162.5		24.8	-7.3	4	32	98	3.18			-7.3	4		399074.12	6907374.91	1058
1124844	27/08/2016	200430	43	N	2175		24.8	2.6	12.3	36	98	3.23			2.6	12.3		399080.73	6907386.28	1057
1124844	27/08/2016	200510	43	N	2187.5		24.8	13.1	21.6	15	98	3.06			13.1	21.6		399088.92	6907396.39	1057
1124844	27/08/2016	200550	43	N	2200		24.8	10.1	14.4	30	98	3.17			10.1	14.4		399097.8	6907407.36	1056
1124844	27/08/2016	200622	43	N	2212.5		24.8	11.6	14.9	27	98	3.15			11.6	14.9		399101.76	6907418.05	1054
1124844	27/08/2016	200702	43	N	2225		24.8	14.7	15.9	27	98	3.15			14.7	15.9		399107.61	6907427.91	1052
1124844	27/08/2016	200734	43	N	2237.5		24.8	15.3	13.6	34	98	3.2			15.3	13.6		399114.23	6907439.09	1051
1124844	27/08/2016	200806	43	N	2250		24.8	21.1	14	17	98	3.08			21.1	14		399120.35	6907449.79	1049
1124844	27/08/2016	200838	43	N	2262.5		24.8	21.4	12.2	34	98	3.21			21.4	12.2		399127.46	6907460.53	1046
1124844	27/08/2016	200918	43	N	2275		24.8	27.4	13.4	40	98	3.27			27.4	13.4		399136.95	6907468.96	1046
1124844	27/08/2016	201010	43	N	2287.5		24.8	37.4	18.1	23	98	3.12			37.4	18.1		399145.06	6907478.43	1044
1124844	27/08/2016	201106	43	N	2300		24.8	33.1	16.3	27	98	3.14			33.1	16.3		399154.55	6907488.55	1041
1124844	27/08/2016	201134	43	N	2312.5		24.8	40.1	19.7	22	98	3.1			40.1	19.7		399158.16	6907495.16	1038
1124844	27/08/2016	201206	43	N	2325		24.8	33.8	16.9	53	96	3.39			33.8	16.9		399163.26	6907508.66	1037
1124844	27/08/2016	201302	43	N	2337.5		24.8	38.7	20.7	45	95	3.25			38.7	20.7		399172	6907518.35	1035
1124844	27/08/2016	201358	43	N	2350		24.8	36.1	19.6	5	97	2.99			36.1	19.6		399182.21	6907530.96	1031
1124844	27/08/2016	201514	43	N	2362.5		24.8	34.3	18.4	17	96	3			34.3	18.4		399191.36	6907542.31	1028
1124844	27/08/2016	201446	43	N	2362.5		24.8	35.4	18.1	15	95	2.96	1					399190.29	6907541.2	1028
1124844	27/08/2016	235534	45	N	0		24.8	-5.3	0.2	3	99	3.06			-5.3	0.2		398013	6905529.37	1243
1124844	27/08/2016	235458	45	N	12.5		24.8	-5.5	1.7	2	99	3.06			-5.5	1.7		398022.62	6905539.05	1243
1124844	27/08/2016	235426	45	N	25		24.8	-11.9	-1.5	0	99	3.06			-11.9	-1.5		398030.03	6905548.77	1243
1124844	27/08/2016	235350	45	N	37.5		24.8	-12.4	-1.8	24	99	3.16			-12.4	-1.8		398038.33	6905559.26	1241
1124844	27/08/2016	235318	45	N	50		24.8	-16.5	-1.6	-4	99	3.07			-16.5	-1.6		398044.93	6905568.66	1241
1124844	27/08/2016	235250	45	N	62.5		24.8	-11.9	5.4	-8	99	3.07			-11.9	5.4		398053.31	6905578.81	1240
1124844	27/08/2016	235218	45	N	75		24.8	-6.8	11.6	-15	99	3.1			-6.8	11.6		398060.06	6905587.56	1241
1124844	27/08/2016	235142	45	N	87.5		24.8	-9.3	12.1	-21	99	3.13			-9.3	12.1		398066.84	6905598.62	1240
1124844	27/08/2016	235106	45	N	100		24.8	-16.1	5.8	0	99	3.06			-16.1	5.8		398075.59	6905606.78	1240
1124844	27/08/2016	235026	45	N	112.5		24.8	-10.9	6.9	33	99	3.24			-10.9	6.9		398082.59	6905617.58	1241
1124844	27/08/2016	234942	45	N	125		24.8	-9.6	15.7	19	99	3.12			-9.6	15.7		398088.88	6905628.6	1242
1124844	27/08/2016	234902	45	N	137.5		24.8	-15.8	12.7	6	99	3.07			-15.8	12.7		398095.78	6905640.2	1242
1124844	27/08/2016	234818	45	N	150		24.8	-21	9	0	99	3.06			-21	9		398100.91	6905651.06	1242
1124844	27/08/2016	234726	45	N	162.5		24.8	-23.7	7.2	8	99	3.07			-23.7	7.2		398107.98	6905661.13	1243
1124844	27/08/2016	234650	45	N	175		24.8	-29.1	3	21	99	3.13			-29.1	3		398115.1	6905670.82	1243
1124844	27/08/2016	234614	45	N	187.5		24.8	-32.4	-1.2	17	99	3.11			-32.4	-1.2		398121.44	6905679.87	1243
1124844	27/08/2016	234538	45	N	200		24.8	-33.7	-4.5	33	99	3.23			-33.7	-4.5		398127.58	6905689.39	1244
1124844	27/08/2016	234434	45	N	212.5		24.8	-47.2	-7.9	3	99	3.07			-47.2	-7.9		398135.45	6905701.85	1245
1124844	27/08/2016	234358	45	N	225		24.8	-33	6.3	-9	99	3.08			-33	6.3		398142.06	6905711.77	1245
1124844	27/08/2016	234322	45	N	237.5		24.8	-38.1	4.2	-1	99	3.07			-38.1	4.2		398149.35	6905721.34	1245
1124844	27/08/2016	233718	45	N	250		24.8	-38.1	0.8	18	99	3.12			-38.1	0.8		398156.83	6905731.44	1245
1124844	27/08/2016	233630	45	N	262.5		24.8	-48.2	-5.1	3	100	3.07			-48.2	-5.1		398162.77	6905741.37	1245
1124844	27/08/2016	233554	45	N	275		24.8	-46.3	-10	-2	99	3.07			-46.3	-10		398171.55	6905750.85	1246
1124844	27/08/2016	233518	45	N	287.5		24.8	-59.1	-18.7	1	99	3.07			-59.1	-18.7		398177.6	6905760.1	1246
1124844	27/08/2016	233430	45	N	300		24.8	-48.3	-8.9	-33	99	3.24			-48.3	-8.9		398186.9	6905772.74	1248
1124844	27/08/2016	233350	45	N	312.5		24.8	-3.9	9.8	32	99	3.23			-3.9	9.8		398191.95	6905783.72	1248
1124844	27/08/2016	233318	45	N	325		24.8	-1.2	5.2	-9	100	3.08			-1.2	5.2		398199.33	6905792.19	1249
1124844	27/08/2016	233242	45	N	337.5		24.8	1	0.1	2	100	3.07			1	0.1		398206.3	6905804.04	1249
1124844	27/08/2016	233206	45	N	350		24.8	4.9	-4.1	-35	99	3.26			4.9	-4.1		398213.25	6905814.08	1250
1124844	27/08/2016	233034	45	N	362.5		24.8	15.5	-3.7	-22	100	3.14			15.5	-3.7		398220.27	6905823.45	1251
1124844	27/08/2016	232950	45	N	375		24.8	35.4	8.3	-11	100	3.09			35.4	8.3		398229.11	6905833.49	1251
1124844	27/08/2016	232914	45	N	387.5		24.8	43.2	4.6	-11	99	3.09			43.2	4.6		398236.63	6905844.69	1250
1124844	27/08/2016	232842	45	N	400		24.8	34.8	-2.1	-21	99	3.14			34.8	-2.1		398243.23	6905853.72	1249
1124844	27/08/2016	232810	45	N	412.5		24.8	34.4	-9.3	-2	99	3.07			34.4	-9.3		398251.31	6905864.34	1248
1124844	27/08/2016	232730	45	N	425		24.8	27.2	-15.1	-36	99	3.26			27.2	-15.1		398259.02	6905872.82	1247
1124844	27/08/2016	232554	45	N	437.5		24.8	40.4	-12	0	99	3.07			40.4	-12		398268.13	6905883.35	1245
1124844	27/08/2016	232514	45	N	450		24.8	64.9	4.6	-33	99	3.24			64.9	4.6		398275.3	6905894.92	1242
1124844	27/08/2016	232438	45	N	462.5		24.8	82.1	17.1	15	99	3.1			82.1	17.1		398282.07	6905903.61	1240
1124844	27/08/2016	232402	45	N	475		24.8	67.9	11.2	11	99	3.09			67.9	11.2		398288.38	6905913.57	1238
1124844	27/08/2016	232326	45	N	487.5		24.8	63	7	4	99	3.07			63	7		398295.2	6905924.88	1237
1124844	27/08/2016	232250	45	N	500		24.8	63.2	8.3	-6	99	3.07			63.2	8.3		398300.45	6905935.41	1235
1124844	27/08/2016	232206	45	N	512.5		24.8	51.9	1.8	-6	99	3.07			51.9	1.8		398306.95	6905945.3	1235
1124844	27/08/2016	232126	45	N	525		24.8	47	-1.8	-2	99	3.07			47	-1.8		398314.92	6905955.08	1234
1124844	27/08/2016	232038	45	N	537.5		24.8	41.4	-4.9	-7	99	3.07			41.4	-4.9		398321.29	6905964.51	1232

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	231842	45	N	550		24.8	35.8	-7.6	-15	99	3.1			35.8	-7.6		398329.42	6905976.21	1230
1124844	27/08/2016	231730	45	N	562.5		24.8	37.2	-7.4	13	99	3.09			37.2	-7.4		398335.93	6905986.63	1228
1124844	27/08/2016	231650	45	N	575		24.8	32.7	-6.8	5	99	3.07			32.7	-6.8		398340.88	6905996.89	1228
1124844	27/08/2016	231606	45	N	587.5		24.8	34.4	-6.1	43	92	3.12			34.4	-6.1		398348.34	6906006.69	1226
1124844	27/08/2016	231526	45	N	600		24.8	25.6	-8	-11	99	3.09			25.6	-8		398357.14	6906015.64	1224
1124844	27/08/2016	231414	45	N	612.5		24.8	26.3	-6.7	-8	99	3.08			26.3	-6.7		398361.77	6906024.14	1223
1124844	27/08/2016	231302	45	N	625		24.8	30.9	-2.5	-12	99	3.09			30.9	-2.5		398370.78	6906034.91	1219
1124844	27/08/2016	231206	45	N	637.5		24.8	19.1	-8.5	0	99	3.07			19.1	-8.5		398376.62	6906044.76	1218
1124844	27/08/2016	231122	45	N	650		24.8	21.2	-2.8	-20	99	3.13			21.2	-2.8		398385.01	6906054.1	1215
1124844	27/08/2016	231030	45	N	662.5		24.8	15.7	-8	16	99	3.11			15.7	-8		398393.06	6906062.82	1214
1124844	27/08/2016	230954	45	N	675		24.8	14.6	-3.5	-30	99	3.21			14.6	-3.5		398400.57	6906072.27	1212
1124844	27/08/2016	230922	45	N	687.5		24.8	23.8	8.3	-10	99	3.08			23.8	8.3		398408.6	6906082.61	1210
1124844	27/08/2016	230846	45	N	700		24.8	22.4	7.3	0	99	3.07			22.4	7.3		398413.64	6906091.22	1208
1124844	27/08/2016	230806	45	N	712.5		24.8	29.7	18.6	-11	99	3.08			29.7	18.6		398422.98	6906103.77	1206
1124844	27/08/2016	230726	45	N	725		24.8	24.5	17.4	-6	99	3.07			24.5	17.4		398430.66	6906113.01	1204
1124844	27/08/2016	230642	45	N	737.5		24.8	25.5	17.2	-4	99	3.06			25.5	17.2		398435.28	6906125.27	1204
1124844	27/08/2016	230558	45	N	750		24.8	18.1	13.5	-3	99	3.06			18.1	13.5		398444.95	6906135.15	1202
1124844	27/08/2016	230522	45	N	762.5		24.8	14.2	13.3	-11	99	3.08			14.2	13.3		398452.16	6906145.24	1199
1124844	27/08/2016	230442	45	N	775		24.8	11.4	13	3	99	3.06			11.4	13		398458.55	6906154.18	1197
1124844	27/08/2016	230358	45	N	787.5		24.8	9.3	15.2	-28	98	3.14			9.3	15.2		398466.35	6906162.96	1194
1124844	27/08/2016	230302	45	N	800		24.8	8.9	13.3	12	99	3.08			8.9	13.3		398474.16	6906174.48	1191
1124844	27/08/2016	230214	45	N	812.5		24.8	3.3	11.2	14	99	3.09			3.3	11.2		398480.46	6906183.71	1189
1124844	27/08/2016	230130	45	N	825		24.8	-0.5	12.5	-20	99	3.11			-0.5	12.5		398487.55	6906192.4	1186
1124844	27/08/2016	225842	45	N	837.5		24.8	-5.7	10.2	0	99	3.06			-5.7	10.2		398495.96	6906202.97	1184
1124844	27/08/2016	225754	45	N	850		24.8	-8.3	6	4	99	3.06			-8.3	6		398501.8	6906210.84	1182
1124844	27/08/2016	225702	45	N	862.5		24.8	-15.1	4.1	27	99	3.18			-15.1	4.1		398513.2	6906224.96	1179
1124844	27/08/2016	225614	45	N	875		24.8	-19.1	4.8	-16	99	3.1			-19.1	4.8		398518.81	6906235.97	1177
1124844	27/08/2016	225534	45	N	887.5		24.8	-21.1	5.7	-11	99	3.08			-21.1	5.7		398524.51	6906246.09	1175
1124844	27/08/2016	225450	45	N	900		24.8	-22.2	3.5	17	99	3.11			-22.2	3.5		398530.86	6906259.38	1172
1124844	27/08/2016	225354	45	N	912.5		24.8	-34	-3.6	8	99	3.07			-34	-3.6		398537.6	6906269.36	1171
1124844	27/08/2016	225318	45	N	925		24.8	-38.2	-5	0	99	3.06			-38.2	-5		398545.49	6906279.12	1169
1124844	27/08/2016	225238	45	N	937.5		24.8	-41.4	-4.9	5	99	3.06			-41.4	-4.9		398551.41	6906290.63	1168
1124844	27/08/2016	225150	45	N	950		24.8	-29.5	2.2	42	99	3.32			-29.5	2.2		398560.22	6906301.09	1164
1124844	27/08/2016	225106	45	N	962.5		24.8	-18.9	10.3	15	99	3.1			-18.9	10.3		398567.3	6906310.1	1162
1124844	27/08/2016	225014	45	N	975		24.8	-8.3	10.8	26	99	3.17			-8.3	10.8		398574.73	6906320.97	1159
1124844	27/08/2016	224930	45	N	987.5		24.8	5.5	8.1	50	99	3.42			5.5	8.1		398580.74	6906332.17	1157
1124844	27/08/2016	224846	45	N	1000		24.8	27.9	13.7	30	99	3.2			27.9	13.7		398586.92	6906342.91	1155
1124844	27/08/2016	224738	45	N	1012.5		24.8	59.2	27.8	9	99	3.07			59.2	27.8		398595.35	6906353.82	1155
1124844	27/08/2016	224654	45	N	1025		24.8	63.4	35.7	1	99	3.06			63.4	35.7		398602.08	6906363.8	1153
1124844	27/08/2016	224610	45	N	1037.5		24.8	55.7	33.8	-7	99	3.06			55.7	33.8		398610.66	6906375.34	1151
1124844	27/08/2016	224518	45	N	1050		24.8	40.7	21.4	3	99	3.06			40.7	21.4		398619.5	6906384.07	1147
1124844	27/08/2016	224438	45	N	1062.5		24.8	37.5	19.1	0	99	3.06			37.5	19.1		398627.22	6906394.77	1146
1124844	27/08/2016	224402	45	N	1075		24.8	33.6	13.8	15	99	3.09			33.6	13.8		398634.36	6906404.76	1145
1124844	27/08/2016	224226	45	N	1087.5		24.8	27.3	11.8	0	99	3.06			27.3	11.8		398644.07	6906417.01	1142
1124844	27/08/2016	224150	45	N	1100		24.8	24.5	10.2	13	99	3.09			24.5	10.2		398650.48	6906427.03	1140
1124844	27/08/2016	224026	45	N	1112.5		24.8	25.5	12.8	11	99	3.08			25.5	12.8		398656.31	6906436.6	1137
1124844	27/08/2016	223938	45	N	1125		24.8	22.3	12.1	16	99	3.1			22.3	12.1		398665.54	6906449.15	1136
1124844	27/08/2016	223858	45	N	1137.5		24.8	20.9	13.7	0	99	3.06			20.9	13.7		398671.41	6906459.43	1133
1124844	27/08/2016	223814	45	N	1150		24.8	17.2	12.2	-11	99	3.08			17.2	12.2		398678.59	6906468.48	1130
1124844	27/08/2016	223730	45	N	1162.5		24.8	14.6	6.1	30	99	3.2			14.6	6.1		398687.24	6906478.43	1127
1124844	27/08/2016	223646	45	N	1175		24.8	15.5	9.2	6	99	3.06			15.5	9.2		398693.81	6906491.22	1124
1124844	27/08/2016	223610	45	N	1187.5		24.8	14.9	9.3	12	99	3.08			14.9	9.3		398700.47	6906500.85	1120
1124844	27/08/2016	223522	45	N	1200		24.8	20.2	11	17	99	3.1			20.2	11		398707.2	6906510.58	1117
1124844	27/08/2016	223442	45	N	1212.5		24.8	13.9	6.1	21	99	3.12			13.9	6.1		398712.84	6906523.37	1115
1124844	27/08/2016	223402	45	N	1225		24.8	16.6	6.3	-1	99	3.06			16.6	6.3		398717.95	6906532.23	1112
1124844	27/08/2016	223322	45	N	1237.5		24.8	14.2	4.5	-4	99	3.06			14.2	4.5		398725.64	6906543.75	1110
1124844	27/08/2016	223238	45	N	1250		24.8	21.7	13.5	4	99	3.06			21.7	13.5		398735.7	6906552.33	1105
1124844	27/08/2016	223146	45	N	1262.5		24.8	24.3	14.6	30	99	3.2			24.3	14.6		398741.49	6906559.46	1104
1124844	27/08/2016	223046	45	N	1275		24.8	19.9	11.8	-10	99	3.07			19.9	11.8		398750.81	6906570.77	1101
1124844	27/08/2016	223006	45	N	1287.5		24.8	15.6	7.1	21	99	3.12			15.6	7.1		398755.51	6906581.82	1099
1124844	27/08/2016	222914	45	N	1300		24.8	16.1	9.5	-1	99	3.06			16.1	9.5		398761.25	6906592.26	1096
1124844	27/08/2016	222826	45	N	1312.5		24.8	13.3	6.3	28	99	3.17			13.3	6.3		398768.62	6906603.87	1093
1124844	27/08/2016	222714	45	N	1325		24.8	11.2	4.6	16	99	3.09			11.2	4.6		398773.67	6906612.89	1090
1124844	27/08/2016	222630	45	N	1337.5		24.8	8.1	4.6	-4	99	3.05			8.1	4.6		398780.79	6906624.23	1087
1124844	27/08/2016	222550	45	N	1350		24.8	6.7	2.2	16	99	3.1			6.7	2.2		398787.05	6906634.79	1084
1124844	27/08/2016	222510	45	N	1362.5		24.8	5.2	3	-12	99	3.07			5.2	3		398796.77		

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	222434	45	N	1375		24.8	8.2	6.7	15	99	3.09			8.2	6.7		398804.08	6906653.72	1080
1124844	27/08/2016	222358	45	N	1387.5		24.8	6.6	4.5	35	99	3.25			6.6	4.5		398810.9	6906665	1077
1124844	27/08/2016	222322	45	N	1400		24.8	1.2	3.4	-24	99	3.14			1.2	3.4		398817.83	6906674.54	1076
1124844	27/08/2016	222246	45	N	1412.5		24.8	-1	3.1	1	99	3.05			-1	3.1		398828.81	6906683.35	1072
1124844	27/08/2016	222214	45	N	1425		24.8	6.4	9.1	22	99	3.12			6.4	9.1		398832.75	6906693.76	1069
1124844	27/08/2016	222138	45	N	1437.5		24.8	12.5	16	-7	99	3.06			12.5	16		398838.3	6906705.36	1067
1124844	27/08/2016	222054	45	N	1450		24.8	14.3	16.7	-3	99	3.05			14.3	16.7		398845.69	6906714.53	1063
1124844	27/08/2016	222006	45	N	1462.5		24.8	16.1	16.1	-11	99	3.07			16.1	16.1		398855.07	6906726.65	1062
1124844	27/08/2016	221926	45	N	1475		24.8	17.6	14.3	15	99	3.09			17.6	14.3		398861.32	6906735.13	1057
1124844	27/08/2016	221850	45	N	1487.5		24.8	14.6	16.3	-31	99	3.2			14.6	16.3		398869.2	6906743.36	1057
1124844	27/08/2016	221802	45	N	1500		24.8	12.6	10.2	39	99	3.28			12.6	10.2		398877.17	6906754.8	1056
1124844	27/08/2016	221722	45	N	1512.5		24.8	10.6	8.5	30	99	3.18			10.6	8.5		398884.04	6906765.9	1055
1124844	27/08/2016	221646	45	N	1525		24.8	6.9	6.7	18	99	3.1			6.9	6.7		398891.06	6906775.53	1052
1124844	27/08/2016	221602	45	N	1537.5		24.8	2.4	0.9	48	98	3.37			2.4	0.9		398897.6	6906786.45	1052
1124844	27/08/2016	221518	45	N	1550		24.8	-4	-3.3	6	99	3.05			-4	-3.3		398904.33	6906794.95	1045
1124844	27/08/2016	221426	45	N	1562.5		24.8	-6.3	-5.6	5	99	3.05			-6.3	-5.6		398910.96	6906804.56	1039
1124844	27/08/2016	221346	45	N	1575		24.8	-2.9	-5.7	7	99	3.06			-2.9	-5.7		398920.11	6906810.72	1033
1124844	27/08/2016	221310	45	N	1587.5		24.8	-7.9	-10.4	25	99	3.14			-7.9	-10.4		398925.56	6906822.62	1034
1124844	27/08/2016	221226	45	N	1600		24.8	8.5	-4.5	24	99	3.14			8.5	-4.5		398933.67	6906834.77	1038
1124844	27/08/2016	221138	45	N	1612.5		24.8	30.1	2.8	11	99	3.07			30.1	2.8		398941.12	6906845.36	1038
1124844	27/08/2016	221046	45	N	1625		24.8	39.9	6	41	99	3.3			39.9	6		398948.1	6906855.38	1033
1124844	27/08/2016	220822	45	N	1637.5		24.8	40.9	3.3	4	99	3.05			40.9	3.3		398954.64	6906864.85	1028
1124844	27/08/2016	220706	45	N	1650		24.8	41.3	4.4	31	99	3.2			41.3	4.4		398962.85	6906875.95	1030
1124844	27/08/2016	220630	45	N	1662.5		24.8	37.6	2	13	99	3.07			37.6	2		398971.14	6906884.94	1023
1124844	27/08/2016	220550	45	N	1675		24.8	34.7	0.6	36	99	3.24			34.7	0.6		398976.86	6906895.06	1020
1124844	27/08/2016	220506	45	N	1687.5		24.8	33.8	-0.7	23	98	3.11			33.8	-0.7		398983.2	6906906.1	1017
1124844	27/08/2016	220426	45	N	1700		24.8	28.6	-2.3	15	97	3.02			28.6	-2.3		398990.68	6906916.65	1014
1124844	27/08/2016	220354	45	N	1712.5		24.8	27.2	-2	18	94	2.96			27.2	-2		398996.67	6906925.58	1011
1124844	27/08/2016	220322	45	N	1725		24.8	22.6	-3.6	7	96	2.97			22.6	-3.6		399004.86	6906935.16	1009
1124844	27/08/2016	220226	45	N	1737.5		24.8	17.4	-4.4	5	95	2.93			17.4	-4.4		399013.39	6906945.04	1008
1124844	27/08/2016	220150	45	N	1750		24.8	12.2	-5.6	-6	93	2.88			12.2	-5.6		399021.86	6906954.09	1009
1124844	27/08/2016	220038	45	N	1762.5		24.8	8.1	-7.9	22	91	2.88			8.1	-7.9		399027.98	6906965.52	1007
1124844	27/08/2016	215958	45	N	1775		24.8	7.2	-6.3	46	90	3.11			7.2	-6.3		399033.51	6906975.55	1008
1124844	27/08/2016	215930	45	N	1787.5		24.8	4.9	-5.3	35	94	3.1			4.9	-5.3		399037.53	6906986.68	1013
1124844	27/08/2016	215838	45	N	1800		24.8	5.3	-3.1	22	97	3.08			5.3	-3.1		399041.27	6906994.99	1009
1124844	27/08/2016	215750	45	N	1812.5		24.8	3.8	-2.7	2	97	2.99			3.8	-2.7		399047.02	6907003.56	1011
1124844	27/08/2016	215710	45	N	1825		24.8	-0.9	-3.8	37	94	3.14			-0.9	-3.8		399056.25	6907010.55	1013
1124844	27/08/2016	215638	45	N	1837.5		24.8	-2.7	-2.2	27	98	3.13			-2.7	-2.2		399064.41	6907023.18	1014
1124844	27/08/2016	215558	45	N	1850		24.8	-0.6	0.1	44	98	3.32			-0.6	0.1		399071.14	6907034.92	1015
1124844	27/08/2016	215506	45	N	1862.5		24.8	-1	4.5	3	98	3.03			-1	4.5		399080.64	6907045.46	1013
1124844	27/08/2016	215422	45	N	1875		24.8	-1.5	6.5	34	96	3.16			-1.5	6.5		399088.47	6907052.98	1013
1124844	27/08/2016	215342	45	N	1887.5		24.8	-4.6	5.9	26	97	3.09			-4.6	5.9		399096.21	6907065.13	1016
1124844	27/08/2016	215318	45	N	1900	GPS Points Drift East, other operator also took point here	24.8	-8.4	4.5	18	98	3.08			-8.4	4.5		399101.86	6907071.59	1017
1124844	27/08/2016	215258	45	N	1900	GPS Points Drift East, other operator also took point here	24.8	-9.3	3	22	97	3.07	2					399102.12	6907073.2	1014
8042728	27/08/2016	215134	45	N	1900	Taken using different unit	24.8	14.2	16.2	12	53	3.39	1					399101.74	6907069.19	1020
1124844	27/08/2016	215230	45	N	1912.5		24.8	-10.4	3	6	98	3.04			-10.4	3		399110.69	6907081.6	1014
1124844	27/08/2016	215158	45	N	1925		24.8	-14.3	0.4	40	96	3.22			-14.3	0.4		399118.64	6907091.77	1018
1124844	27/08/2016	215126	45	N	1937.5		24.8	-15.4	1.1	46	97	3.31			-15.4	1.1		399124.29	6907104.79	1021
1124844	27/08/2016	215050	45	N	1950		24.8	-16.9	0.8	46	97	3.3			-16.9	0.8		399132.58	6907115.31	1021
1124844	27/08/2016	215006	45	N	1962.5		24.8	-24.3	-2.8	34	98	3.22			-24.3	-2.8		399139.4	6907124.8	1017
1124844	27/08/2016	214822	45	N	1962.5		24.8	-24	-3.3	34	98	3.22	1					399138.2	6907125.42	1021
1124844	27/08/2016	214750	45	N	1975		24.8	-26.9	-4.3	21	98	3.11			-26.9	-4.3		399145.87	6907135.53	1022
1124844	27/08/2016	214714	45	N	1987.5		24.8	-22.1	-0.6	44	98	3.33			-22.1	-0.6		399154.6	6907146.09	1019
1124844	27/08/2016	214642	45	N	2000		24.8	-18.6	2.9	34	98	3.22			-18.6	2.9		399159.43	6907155.4	1020
1124844	27/08/2016	214558	45	N	2012.5		24.8	-15	6.2	0	98	3.04			-15	6.2		399167.77	6907165.32	1020
1124844	27/08/2016	214522	45	N	2025		24.8	-10.3	2.3	51	98	3.42			-10.3	2.3		399174.1	6907173.32	1017
1124844	27/08/2016	214450	45	N	2037.5		24.8	-2.7	8.3	30	98	3.18			-2.7	8.3		399180.3	6907183.54	1018
1124844	27/08/2016	214414	45	N	2050		24.8	6.5	17.6	10	98	3.05			6.5	17.6		399185.98	6907194.75	1019
1124844	27/08/2016	214334	45	N	2062.5		24.8	2	11.7	16	98	3.07			2	11.7		399193.41	6907205.76	1019
1124844	27/08/2016	214302	45	N	2075		24.8	-4.4	6.3	-10	98	3.05			-4.4	6.3		399200.42	6907215.43	1020
1124844	27/08/2016	214234	45	N	2087.5		24.8	-3.7	4.7	3	98	3.03			-3.7	4.7		399206.77	6907224.95	1021
1124844	27/08/2016	214202	45	N	2100		24.8	-12.5	-3.2	23	98	3.12			-12.5	-3.2		399216.78	6907236.75	1025
1124844	27/08/2016	214126	45	N	2112.5		24.8	-5.9	2.4	18	98	3.08			-5.9	2.4		399223.66	6907246.47	1023
1124844	27/08/2016	214058	45	N	2125		24.8	-2.6	3.9	30	98	3.17			-2.6	3.9		399230.32	6907256.42	1023
1124844	27/08/2016	214022	45	N	2137.5		24.8	-0.1	3.9	35	98	3.22			-0.1	3.9		399236.72	6907265.86	1026
1124844	27/08/2016	213954	45	N	2150		24.8	-2	-0.5	21	98	3.11			-2	-0.5		399243.26	6907278.19	1022

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	213902	45	N	2162.5		24.8	5.2	1.3	-3	98	3.03			5.2	1.3		399252.29	6907285.74	1022
1124844	27/08/2016	213826	45	N	2175		24.8	6.3	2.5	-25	98	3.13			6.3	2.5		399259.22	6907295.62	1020
1124844	27/08/2016	213754	45	N	2187.5		24.8	10.4	1.5	5	98	3.03			10.4	1.5		399267.92	6907305.84	1019
1124844	27/08/2016	213726	45	N	2200		24.8	11.3	0.8	3	98	3.03			11.3	0.8		399274.98	6907314.76	1018
1124844	27/08/2016	213654	45	N	2212.5		24.8	9.8	0.9	5	98	3.03			9.8	0.9		399281.33	6907325.52	1017
1124844	27/08/2016	213626	45	N	2225		24.8	7	-2	7	98	3.03			7	-2		399287.62	6907336.3	1018
1124844	27/08/2016	213554	45	N	2237.5		24.8	3.2	-4.7	1	98	3.02			3.2	-4.7		399294.44	6907346.83	1019
1124844	27/08/2016	213522	45	N	2250		24.8	1.5	-4.1	26	98	3.13			1.5	-4.1		399300.07	6907357.69	1021
1124844	27/08/2016	213450	45	N	2262.5		24.8	-4.9	-6.2	-37	98	3.22			-4.9	-6.2		399305.13	6907366.57	1021
1124844	27/08/2016	213418	45	N	2275		24.8	-7.8	-8.1	-9	98	3.04			-7.8	-8.1		399314.45	6907378.06	1017
1124844	27/08/2016	213342	45	N	2287.5		24.8	-7.3	-5.5	-9	98	3.04			-7.3	-5.5		399322.11	6907387.15	1015
1124844	27/08/2016	213306	45	N	2300		24.8	-6.5	-5.2	-10	98	3.04			-6.5	-5.2		399328.23	6907397.89	1016
1124844	27/08/2016	213218	45	N	2312.5		24.8	3.8	1.2	-13	98	3.05			3.8	1.2		399334.96	6907408.82	1016
1124844	27/08/2016	213134	45	N	2325		24.8	10.7	6.1	-37	98	3.23			10.7	6.1		399343.35	6907416.99	1015
1124844	27/08/2016	212734	45	N	2337.5		24.8	14.1	5	-14	98	3.05			14.1	5		399354.26	6907423.91	1011
1124844	27/08/2016	212630	45	N	2350		24.8	16.4	7	-9	98	3.03			16.4	7		399355.96	6907435.54	1013
1124844	27/08/2016	212606	45	N	2350		24.8	17.2	6.8	-4	98	3.02	1					399356.3	6907436.2	1013
1124844	29/08/2016	191926	46	N	0		24.8	-54.6	-12	8	97	3.01	2					395002.98	6908291.53	1145
1124844	29/08/2016	191958	46	N	0		24.8	-50.1	-10.8	29	97	3.13			-50.1	-10.8		395002.96	6908290.23	1144
1124844	29/08/2016	192014	46	N	0		24.8	-53	-10.7	18	97	3.06	1					395002.85	6908290.77	1144
1124844	29/08/2016	191850	46	N	12.5		24.8	-49.1	-8.5	3	97	3.01			-49.1	-8.5		395009.36	6908302.42	1146
1124844	29/08/2016	191818	46	N	25		24.8	-45.2	-9.6	-10	97	3.02			-45.2	-9.6		395017.35	6908311.36	1147
1124844	29/08/2016	191746	46	N	37.5		24.8	-36.4	-5.5	1	97	3.01			-36.4	-5.5		395023.47	6908325.51	1150
1124844	29/08/2016	191710	46	N	50		24.8	-28.2	-2.1	-17	97	3.05			-28.2	-2.1		395031.29	6908333.54	1151
1124844	29/08/2016	191450	46	N	62.5		24.8	-23.6	-0.8	-31	97	3.16			-23.6	-0.8		395044.15	6908347.85	1156
1124844	29/08/2016	191414	46	N	75		24.8	-22.5	-2	-7	97	3.02			-22.5	-2		395047.84	6908353.79	1150
1124844	29/08/2016	191334	46	N	87.5		24.8	-25.7	-6.3	2	97	3.01			-25.7	-6.3		395060.29	6908362.63	1150
1124844	29/08/2016	191254	46	N	100		24.8	-25.2	-8	23	97	3.09			-25.2	-8		395067	6908374.51	1153
1124844	29/08/2016	191214	46	N	112.5		24.8	-29.1	-11.1	17	97	3.06			-29.1	-11.1		395073.12	6908385.1	1157
1124844	29/08/2016	191122	46	N	125		24.8	-29.7	-11.9	23	97	3.1			-29.7	-11.9		395077.37	6908395.99	1158
1124844	29/08/2016	191042	46	N	137.5		24.8	-25.9	-12	50	97	3.39			-25.9	-12		395081.23	6908403.41	1159
1124844	29/08/2016	191002	46	N	150		24.8	-32.8	-14.7	18	97	3.06			-32.8	-14.7		395086.47	6908415.12	1161
1124844	29/08/2016	190906	46	N	162.5		24.8	-22.6	-8.8	-49	98	3.37			-22.6	-8.8		395091.16	6908425.65	1166
1124844	29/08/2016	190830	46	N	175		24.8	-14.2	-6	-73	98	3.76			-14.2	-6		395100.01	6908432.64	1164
1124844	29/08/2016	190734	46	N	187.5		24.8	-11	-8.4	-35	98	3.2			-11	-8.4		395112.43	6908442.14	1167
1124844	29/08/2016	190702	46	N	200		24.8	-12.3	-10.1	-18	97	3.06			-12.3	-10.1		395117.65	6908449.08	1168
1124844	29/08/2016	190618	46	N	212.5		24.8	-12.8	-10.1	4	97	3.01			-12.8	-10.1		395125.56	6908458.04	1172
1124844	29/08/2016	190542	46	N	225		24.8	-18.5	-11.7	-2	98	3.01			-18.5	-11.7		395132.56	6908469.81	1170
1124844	29/08/2016	190518	46	N	237.5		24.8	-21.4	-12.7	3	97	3.01			-21.4	-12.7		395137.09	6908479.19	1175
1124844	29/08/2016	190446	46	N	250		24.8	-20.1	-9.8	7	97	3.02			-20.1	-9.8		395141.61	6908492.97	1178
1124844	29/08/2016	190414	46	N	262.5		24.8	-17.3	-7.9	10	97	3.02			-17.3	-7.9		395146.01	6908505.26	1183
1124844	29/08/2016	190338	46	N	275		24.8	-18	-6.9	-10	98	3.02			-18	-6.9		395155.92	6908510.58	1181
1124844	29/08/2016	190310	46	N	287.5		24.8	-18.2	-6.9	-14	97	3.04			-18.2	-6.9		395161.02	6908519.59	1186
1124844	29/08/2016	190226	46	N	300		24.8	-19.3	-4.3	-28	48	3.47			-19.3	-4.3		395169.61	6908527.54	1189
1124844	29/08/2016	190154	46	N	312.5		24.8	-16.9	-0.8	-18	54	3.53			-16.9	-0.8		395179.73	6908538.1	1190
1124844	29/08/2016	190126	46	N	325		24.8	-19.7	-1.5	-11	54	3.41			-19.7	-1.5		395189.46	6908546.21	1193
1124844	29/08/2016	190050	46	N	337.5		24.8	-22.2	-4.9	10	53	3.33			-22.2	-4.9		395195.94	6908553.3	1193
1124844	29/08/2016	190010	46	N	350		24.8	-23.4	-3	-9	54	3.37			-23.4	-3		395199.91	6908566.01	1197
1124844	29/08/2016	185906	46	N	362.5		24.8	-20.1	0.1	10	55	3.44			-20.1	0.1		395207.28	6908577.59	1198
1124844	29/08/2016	185838	46	N	375		24.8	-25.3	-1	-5	53	3.31			-25.3	-1		395211.07	6908587.39	1198
1124844	29/08/2016	185806	46	N	387.5		24.8	-29.7	-3.8	-5	52	3.24			-29.7	-3.8		395215.86	6908595.35	1203
1124844	29/08/2016	185734	46	N	400		24.8	-32.7	-5.5	-5	54	3.34			-32.7	-5.5		395222.86	6908604.66	1205
1124844	29/08/2016	185658	46	N	412.5		24.8	-33.2	-2.2	-15	53	3.41			-33.2	-2.2		395230.53	6908618.18	1209
1124844	29/08/2016	185626	46	N	425		24.8	-38.3	-5.3	-13	53	3.35			-38.3	-5.3		395237.58	6908628.35	1209
1124844	29/08/2016	185542	46	N	437.5		24.8	-42.7	-8.3	-5	55	3.41			-42.7	-8.3		395244.58	6908638.42	1212
1124844	29/08/2016	185334	46	N	450		24.8	-41.1	-6.4	-11	57	3.57			-41.1	-6.4		395252.36	6908650.08	1214
1124844	29/08/2016	185350	46	N	450		24.8	-39.2	-5.3	-15	57	3.69	1				better data fit	395251.79	6908650.34	1215
1124844	29/08/2016	185306	46	N	462.5		24.8	-40.8	-6.6	-9	59	3.67			-40.8	-6.6		395259.41	6908660.43	1217
1124844	29/08/2016	185238	46	N	475		24.8	-36.4	-4.2	-11	63	3.99			-36.4	-4.2		395266.19	6908669.26	1218
1124844	29/08/2016	185210	46	N	487.5		24.8	-32.9	-4.1	-20	64	4.17			-32.9	-4.1		395272.48	6908679.28	1221
1124844	29/08/2016	185146	46	N	500		24.8	-25.1	-1.2	-14	65	4.14			-25.1	-1.2		395279.14	6908688.03	1221
1124844	29/08/2016	185118	46	N	512.5		24.8	-21.9	-3.7	0	68	4.19			-21.9	-3.7		395286.62	6908698.01	1223
1124844	29/08/2016	185042	46	N	525		24.8	-16.8	-2.6	0	67	4.15			-16.8	-2.6		395292.2	6908707.69	1224
1124844	29/08/2016	185010	46	N	537.5		24.8	-9.1	0	9	67	4.2			-9.1	0		395296.16	6908718.54	1224
1124844	29/08/2016	184930	46	N	550		24.8	-11.3	-1.8	8	62	3.86			-11.3	-1.8		395303.55	6908728.83	1227
1124844	29/08/2016	184858	46	N	562.5		24.8	-11.7	-4.5	-5	63	3.89			-11.7	-4.5		395310.88	6908740.19	1230

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	29/08/2016	184830	46	N	575		24.8	-14.5	-8.5	-10	63	3.93			-14.5	-8.5		395315.82	6908749.65	1230
1124844	29/08/2016	184758	46	N	587.5		24.8	-15.2	-10.1	-8	65	4.04			-15.2	-10.1		395325.47	6908761.09	1232
1124844	29/08/2016	184730	46	N	600		24.8	-10.7	-5	-12	66	4.16			-10.7	-5		395331.56	6908769.39	1233
1124844	29/08/2016	184538	46	N	612.5		24.8	-8.1	-4.9	-10	64	4.04			-8.1	-4.9		395339.64	6908781.19	1234
1124844	29/08/2016	184502	46	N	625		24.8	-6	-4.5	-5	64	3.98			-6	-4.5		395346.48	6908791.71	1235
1124844	29/08/2016	184434	46	N	637.5		24.8	-7.6	-7.5	-10	62	3.91			-7.6	-7.5		395353.15	6908801.14	1236
1124844	29/08/2016	184410	46	N	650		24.8	-7.3	-7.8	-9	64	3.99			-7.3	-7.8		395361	6908811.88	1238
1124844	29/08/2016	184346	46	N	662.5		24.8	-3.8	-4.9	-9	63	3.96			-3.8	-4.9		395366.6	6908819.83	1239
1124844	29/08/2016	184302	46	N	675		24.8	-4.2	-4.2	-16	62	3.98			-4.2	-4.2		395374.52	6908831.95	1241
1124844	29/08/2016	184234	46	N	687.5		24.8	-4.3	-5.8	-7	64	3.96			-4.3	-5.8		395381.77	6908841.04	1241
1124844	29/08/2016	184206	46	N	700		24.8	-3.8	-4.7	-12	64	4.03			-3.8	-4.7		395388.99	6908849.19	1243
1124844	29/08/2016	184118	46	N	712.5		24.8	-4.5	-5.7	-10	64	3.99			-4.5	-5.7		395397.36	6908858.07	1244
1124844	29/08/2016	184042	46	N	725		24.8	-0.5	-3	0	65	4.01			-0.5	-3		395400.88	6908869.29	1244
1124844	29/08/2016	183942	46	N	737.5		24.8	-2.1	-4.7	-4	63	3.92			-2.1	-4.7		395408.91	6908881.44	1247
1124844	29/08/2016	183918	46	N	750		24.8	-4.6	-7.1	-3	64	3.95			-4.6	-7.1		395416.05	6908889.6	1247
1124844	29/08/2016	183846	46	N	762.5		24.8	-1	-2.1	-6	67	4.15			-1	-2.1		395424.78	6908900.33	1248
1124844	29/08/2016	183806	46	N	775		24.8	2.9	3	-9	62	3.87			2.9	3		395431.24	6908909.85	1248
1124844	29/08/2016	183822	46	N	775		24.8	2.2	2.3	-7	61	3.83	1					395431.37	6908909.81	1248
1124844	29/08/2016	183734	46	N	787.5		24.8	6.5	5.5	-4	64	3.99			6.5	5.5		395439.48	6908921.79	1248
1124844	29/08/2016	183658	46	N	800		24.8	4.8	6.4	-11	63	3.95			4.8	6.4		395444.92	6908931.6	1248
1124844	29/08/2016	183634	46	N	812.5		24.8	5.9	6.6	-6	63	3.9			5.9	6.6		395451.04	6908939.2	1247
1124844	29/08/2016	183554	46	N	825		24.8	3.1	6.4	-13	61	3.87			3.1	6.4		395460.16	6908949.71	1245
1124844	29/08/2016	183434	46	N	837.5		24.8	5	7.8	-3	62	3.84			5	7.8		395468.53	6908959.64	1242
1124844	29/08/2016	183230	46	N	850		24.8	5.7	8.4	24	58	3.89			5.7	8.4		395476.58	6908969.89	1237
1124844	29/08/2016	183354	46	N	850		24.8	4.8	7.8	2	62	3.84	1					395476.55	6908969.91	1236
1124844	29/08/2016	192814	47	N	0		24.8	8.3	7.9	-90	92	3.96	9					395075.61	6908255.57	1131
1124844	29/08/2016	193018	47	N	0		24.8	-9.7	-6	-16	97	3.04			-9.7	-6	bad data point	395076.44	6908256.95	1133
1124844	29/08/2016	193034	47	N	0		24.8	-10.1	-7.6	-14	97	3.04	1					395075.92	6908260.74	1144
1124844	29/08/2016	193050	47	N	0		24.8	-10.6	-8.3	-14	97	3.03	2					395075.96	6908261.04	1145
1124844	29/08/2016	193106	47	N	0		24.8	-9.9	-7.7	-12	97	3.03	2					395075.98	6908261.07	1145
1124844	29/08/2016	193338	47	N	12.5		24.8	-9.8	-6.4	-32	97	3.17			-9.8	-6.4		395083	6908266.58	1132
1124844	29/08/2016	193434	47	N	25		24.8	-15.4	-13.2	-59	97	3.51			-15.4	-13.2		395090.4	6908272.84	1135
1124844	29/08/2016	193514	47	N	37.5		24.8	-23.8	-20.2	-59	97	3.5			-23.8	-20.2		395098.21	6908279.79	1137
1124844	29/08/2016	193606	47	N	50		24.8	-21.5	-19.1	-62	97	3.57			-21.5	-19.1		395108.92	6908288.39	1144
1124844	29/08/2016	193718	47	N	62.5		24.8	-22.1	-19.8	-20	97	3.07			-22.1	-19.8		395115.99	6908294.84	1143
1124844	29/08/2016	193818	47	N	75		24.8	-20.6	-19.2	4	97	3.01			-20.6	-19.2		395121.92	6908307.74	1147
1124844	29/08/2016	193858	47	N	87.5		24.8	-13.3	-16.5	-10	97	3.02			-13.3	-16.5		395128.6	6908318.75	1150
1124844	29/08/2016	193930	47	N	100		24.8	-5.5	-11.9	13	97	3.03			-5.5	-11.9		395134.25	6908327.48	1151
1124844	29/08/2016	194014	47	N	112.5		24.8	2.7	-7	20	97	3.07			2.7	-7		395139.7	6908336.81	1153
1124844	29/08/2016	194102	47	N	125		24.8	6.9	-5.8	10	97	3.02			6.9	-5.8		395146.2	6908348.61	1155
1124844	29/08/2016	194142	47	N	137.5		24.8	3.8	-8.5	2	97	3.01			3.8	-8.5		395154.46	6908355.4	1159
1124844	29/08/2016	194238	47	N	150		24.8	2.8	-9.9	-2	97	3.01			2.8	-9.9		395160.56	6908365.1	1161
1124844	29/08/2016	194402	47	N	162.5		24.8	-1.9	-11.6	16	97	3.04			-1.9	-11.6		395168.45	6908374.6	1164
1124844	29/08/2016	194450	47	N	175		24.8	-2.3	-11.3	10	97	3.02			-2.3	-11.3		395177.62	6908387.49	1167
1124844	29/08/2016	194546	47	N	187.5		24.8	0.9	-8.8	2	97	3			0.9	-8.8		395183.98	6908395.67	1168
1124844	29/08/2016	194626	47	N	200		24.8	-0.1	-7.4	0	97	3			-0.1	-7.4		395187.66	6908405.24	1167
1124844	29/08/2016	194658	47	N	212.5		24.8	-0.1	-6.1	-14	97	3.04			-0.1	-6.1		395193.49	6908414.38	1169
1124844	29/08/2016	194750	47	N	225		24.8	3.4	-2.4	2	97	3.01			3.4	-2.4		395201.35	6908426.82	1171
1124844	29/08/2016	194826	47	N	237.5		24.8	-0.4	-2.5	25	97	3.1			-0.4	-2.5		395206.17	6908436.36	1173
1124844	29/08/2016	194858	47	N	250		24.8	-7.2	-6.8	16	97	3.04			-7.2	-6.8		395213.44	6908444.72	1180
1124844	29/08/2016	194930	47	N	262.5		24.8	-9.9	-8.5	-24	97	3.09			-9.9	-8.5		395220.04	6908456.07	1183
1124844	29/08/2016	195006	47	N	275		24.8	-12	-7	-33	97	3.18			-12	-7		395229.48	6908464.76	1183
1124844	29/08/2016	195038	47	N	287.5		24.8	-9.9	-5.5	-42	97	3.27			-9.9	-5.5		395237.93	6908473.84	1184
1124844	29/08/2016	195114	47	N	300		24.8	-16.8	-8.6	-38	97	3.21			-16.8	-8.6		395245.94	6908484.19	1188
1124844	29/08/2016	195146	47	N	312.5		24.8	-17.9	-6.7	-18	97	3.06			-17.9	-6.7		395253.04	6908492.77	1189
1124844	29/08/2016	195302	47	N	325		24.8	-15.8	-3.4	11	97	3.02			-15.8	-3.4		395258.79	6908503.08	1192
1124844	29/08/2016	195426	47	N	337.5		24.8	-16.2	-3.5	-1	97	3			-16.2	-3.5		395264.88	6908512.08	1192
1124844	29/08/2016	195458	47	N	350		24.8	-18.7	-5.7	-26	97	3.1			-18.7	-5.7		395269.76	6908521.81	1195
1124844	29/08/2016	195530	47	N	362.5		24.8	-16.6	-1.4	-32	97	3.16			-16.6	-1.4		395277.21	6908531.07	1198
1124844	29/08/2016	195638	47	N	375		24.8	-19.9	-3.2	-28	97	3.12			-19.9	-3.2		395285.59	6908541.66	1200
1124844	29/08/2016	195854	47	N	387.5		24.8	-24.4	-5.4	-19	97	3.06			-24.4	-5.4		395296.18	6908549.67	1204
1124844	29/08/2016	195926	47	N	400		24.8	-29.6	-6.5	1	97	3			-29.6	-6.5		395302.35	6908557.92	1205
1124844	29/08/2016	200010	47	N	412.5		24.8	-31.4	-6.6	9	97	3.02			-31.4	-6.6		395308.31	6908570.17	1207
1124844	29/08/2016	200054	47	N	425		24.8	-31.7	-5.5	18	97	3.05			-31.7	-5.5		395311.06	6908584.11	1210
1124844	29/08/2016	200122	47	N	437.5		24.8	-31.7	-4.4	-9	97	3.02			-31.7	-4.4		395314.43	6908594.82	1211
1124844	29/08/2016	200206	47	N	450		24.8	-30.6	-6.6	-50	97	3.38			-30.6	-6.6		395324.61	6908601.34	1211

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	29/08/2016	200246	47	N	462.5		24.8	-31.6	-8.2	-46	97	3.32			-31.6	-8.2		395334.66	6908607.63	1214
1124844	29/08/2016	200318	47	N	475		24.8	-34.7	-9.8	-40	97	3.25			-34.7	-9.8		395343.24	6908618.46	1218
1124844	29/08/2016	200354	47	N	487.5		24.8	-23.9	-5.7	-54	97	3.44			-23.9	-5.7		395351.62	6908626.54	1219
1124844	29/08/2016	200430	47	N	500		24.8	-16.5	-0.2	-16	97	3.05			-16.5	-0.2		395359.39	6908635.49	1221
1124844	29/08/2016	200510	47	N	512.5		24.8	-10.3	0.3	-29	97	3.14			-10.3	0.3		395366.66	6908645.39	1223
1124844	29/08/2016	200546	47	N	525		24.8	-10.6	-2.3	6	97	3.01			-10.6	-2.3		395374.06	6908655.46	1225
1124844	29/08/2016	200622	47	N	537.5		24.8	-12.1	-4.1	32	97	3.17			-12.1	-4.1		395377.38	6908667.19	1226
1124844	29/08/2016	200702	47	N	550		24.8	-10.2	-6.4	-32	97	3.16			-10.2	-6.4		395381.03	6908677.81	1228
1124844	29/08/2016	200746	47	N	562.5		24.8	-0.7	-1.4	-61	97	3.55			-0.7	-1.4		395390.08	6908687.46	1231
1124844	29/08/2016	200858	47	N	575		24.8	-3.5	-4.5	-47	97	3.33			-3.5	-4.5		395401.67	6908694.52	1232
1124844	29/08/2016	200938	47	N	587.5		24.8	-2.1	-7.5	-47	97	3.34			-2.1	-7.5		395409.48	6908702.38	1234
1124844	29/08/2016	201046	47	N	600		24.8	-6.5	-10.6	-13	97	3.03			-6.5	-10.6		395415.59	6908712.51	1235
1124844	29/08/2016	201126	47	N	612.5		24.8	6.1	-1.8	-18	97	3.06			6.1	-1.8		395421.17	6908723.17	1236
1124844	29/08/2016	201206	47	N	625		24.8	9.4	-2.7	-7	97	3.01			9.4	-2.7		395428.39	6908734.7	1237
1124844	29/08/2016	201242	47	N	637.5		24.8	6.9	-5.7	-20	97	3.07			6.9	-5.7		395433.13	6908741.91	1238
1124844	29/08/2016	201326	47	N	650		24.8	0.6	-10.5	-36	97	3.2			0.6	-10.5		395440.3	6908750.78	1240
1124844	29/08/2016	201402	47	N	662.5		24.8	6.1	-9.3	-28	97	3.13			6.1	-9.3		395449.2	6908761.36	1242
1124844	29/08/2016	201454	47	N	675		24.8	7.3	-10.3	-16	97	3.05			7.3	-10.3		395455.68	6908771.03	1244
1124844	29/08/2016	201530	47	N	687.5		24.8	6.9	-8.4	-10	97	3.02			6.9	-8.4		395463.23	6908780.92	1246
1124844	29/08/2016	201602	47	N	700		24.8	4.5	-10.5	-32	97	3.17			4.5	-10.5		395468.78	6908793.29	1248
1124844	29/08/2016	201630	47	N	712.5		24.8	14	-5.1	-21	97	3.07			14	-5.1		395474.29	6908801.43	1249
1124844	29/08/2016	201706	47	N	725		24.8	11.1	-5.7	-51	97	3.39			11.1	-5.7		395481.72	6908813.12	1252
1124844	29/08/2016	201738	47	N	737.5		24.8	13.7	-1.7	-46	97	3.32			13.7	-1.7		395491.84	6908822.65	1255
1124844	29/08/2016	201810	47	N	750		24.8	13.6	-2.5	-45	97	3.31			13.6	-2.5		395499.17	6908828.95	1256
1124844	29/08/2016	201842	47	N	762.5		24.8	10.2	-5	-24	97	3.1			10.2	-5		395507.53	6908837.68	1258
1124844	29/08/2016	201914	47	N	775		24.8	6.2	-12.3	-21	97	3.08			6.2	-12.3		395514.09	6908848.79	1259
1124844	29/08/2016	201946	47	N	787.5		24.8	11.6	-4.7	-2	97	3			11.6	-4.7		395520.01	6908861.06	1260
1124844	29/08/2016	202026	47	N	800		24.8	23.6	5.6	-17	97	3.05			23.6	5.6		395526.26	6908875.04	1261
1124844	29/08/2016	202050	47	N	812.5		24.8	22.1	6.3	-14	97	3.04			22.1	6.3		395530.45	6908882.22	1262
1124844	29/08/2016	202118	47	N	825		24.8	26.1	9.1	-28	97	3.13			26.1	9.1		395537.26	6908892.57	1261
1124844	29/08/2016	202146	47	N	837.5		24.8	23.9	10.6	-25	97	3.11			23.9	10.6		395545.06	6908902.4	1259
1124844	29/08/2016	202214	47	N	850		24.8	27.1	11.2	-26	97	3.11			27.1	11.2		395552.71	6908912.2	1257
1124844	29/08/2016	202246	47	N	862.5		24.8	26.8	11.6	-28	97	3.13	2					395561.07	6908921.56	1255
1124844	29/08/2016	202302	47	N	862.5		24.8	26.4	10.9	-37	97	3.22	1					395561.12	6908921.47	1255
1124844	29/08/2016	202322	47	N	862.5		24.8	26.6	10.6	-37	97	3.22			26.6	10.6		395561.08	6908921.64	1255
1124844	29/08/2016	212042	48	N	0		24.8	-34.5	-18.8	-2	98	3.01	2					395121.59	6908197.18	1143
1124844	29/08/2016	212058	48	N	0		24.8	-30.1	-17	-14	98	3.04			-30.1	-17		395121.41	6908197.39	1144
1124844	29/08/2016	212114	48	N	0		24.8	-30.2	-16.9	-9	98	3.02	1					395121.37	6908197.33	1144
1124844	29/08/2016	212130	48	N	0		24.8	-30.2	-17.3	-7	98	3.02	1					395121.45	6908196.95	1144
1124844	29/08/2016	212002	48	N	12.5		24.8	-31.6	-18	18	97	3.06			-31.6	-18		395130.62	6908207.84	1144
1124844	29/08/2016	211930	48	N	25		24.8	-21.5	-12.7	2	98	3.01			-21.5	-12.7		395138.24	6908216.69	1147
1124844	29/08/2016	211854	48	N	37.5		24.8	-18	-10.5	3	98	3.01			-18	-10.5		395142.57	6908227.72	1150
1124844	29/08/2016	211826	48	N	50		24.8	-20.2	-11.6	-2	98	3.01			-20.2	-11.6		395146.56	6908236.94	1153
1124844	29/08/2016	211730	48	N	62.5		24.8	-22.5	-14.5	4	97	3.01			-22.5	-14.5		395152.26	6908246.27	1153
1124844	29/08/2016	211658	48	N	75		24.8	-19.3	-11.8	3	98	3.01			-19.3	-11.8		395161.34	6908258.84	1155
1124844	29/08/2016	211630	48	N	87.5		24.8	-22.8	-15.8	3	98	3.01			-22.8	-15.8		395168.31	6908269.02	1157
1124844	29/08/2016	211558	48	N	100		24.8	-28.4	-20.1	-8	97	3.02			-28.4	-20.1		395173.8	6908280.15	1159
1124844	29/08/2016	211506	48	N	112.5		24.8	-25.7	-18.7	-14	98	3.04			-25.7	-18.7		395179.92	6908286.75	1161
1124844	29/08/2016	211350	48	N	125		24.8	-20.5	-14.6	-8	98	3.02			-20.5	-14.6		395184.22	6908295.93	1163
1124844	29/08/2016	211314	48	N	137.5		24.8	-13.7	-10.9	-17	98	3.06			-13.7	-10.9		395191.12	6908304.78	1165
1124844	29/08/2016	211230	48	N	150		24.8	-12	-8.4	-11	98	3.03			-12	-8.4		395198.93	6908315.87	1167
1124844	29/08/2016	211158	48	N	162.5		24.8	-6.8	-5.4	-21	98	3.08			-6.8	-5.4		395206.86	6908326.42	1169
1124844	29/08/2016	211130	48	N	175		24.8	-10.4	-8.7	2	97	3.01			-10.4	-8.7		395212.07	6908333.86	1171
1124844	29/08/2016	211050	48	N	187.5		24.8	-16	-13.7	-2	97	3.01			-16	-13.7		395221.88	6908347.27	1173
1124844	29/08/2016	211022	48	N	200		24.8	-13.1	-12.5	19	97	3.07			-13.1	-12.5		395226.42	6908354.08	1175
1124844	29/08/2016	210934	48	N	212.5		24.8	-23.1	-15.9	1	98	3.01			-23.1	-15.9		395236.28	6908367.42	1178
1124844	29/08/2016	210902	48	N	225		24.8	-19.2	-11.2	-14	98	3.04			-19.2	-11.2		395243.7	6908376.54	1179
1124844	29/08/2016	210834	48	N	237.5		24.8	-16.8	-7.5	-12	98	3.03			-16.8	-7.5		395250.4	6908387.27	1182
1124844	29/08/2016	210402	48	N	250		24.8	-14.5	-3.9	-9	98	3.02			-14.5	-3.9		395256.49	6908395.62	1183
1124844	29/08/2016	210558	48	N	250		24.8	-17.4	-5.6	-12	97	3.03	1					395256.46	6908397.31	1181
1124844	29/08/2016	210334	48	N	262.5		24.8	-17.2	-4.6	-15	97	3.05			-17.2	-4.6		395264.19	6908406.46	1185
1124844	29/08/2016	210154	48	N	275		24.8	-23.2	-10.7	0	97	3.01	1					395270.72	6908415.31	1189
1124844	29/08/2016	210254	48	N	275		24.8	-23	-11.1	-5	98	3.02			-23	-11.1		395271.26	6908415.1	1187
1124844	29/08/2016	210106	48	N	287.5		24.8	-27.6	-11.3	0	97	3.01			-27.6	-11.3		395279.82	6908427.34	1191
1124844	29/08/2016	210038	48	N	300		24.8	-25.6	-6.9	-11	98	3.03			-25.6	-6.9		395285.28	6908435.1	1192
1124844	29/08/2016	205950	48	N	312.5		24.8	-25.2	-7.3	-2	97	3			-25.2	-7.3		395293.52	6908447.13	1195

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	29/08/2016	205918	48	N	325		24.8	-31.4	-10.5	-13	97	3.04			-31.4	-10.5		395300.35	6908456.26	1196
1124844	29/08/2016	205850	48	N	337.5		24.8	-36.1	-13.9	-1	97	3.01			-36.1	-13.9		395307.42	6908467.07	1198
1124844	29/08/2016	205818	48	N	350		24.8	-38.4	-14	-8	97	3.02			-38.4	-14		395313.14	6908476.72	1201
1124844	29/08/2016	205722	48	N	362.5		24.8	-42.5	-15.3	0	98	3.01			-42.5	-15.3		395321.36	6908488.93	1202
1124844	29/08/2016	205642	48	N	375		24.8	-46.2	-15.7	-4	97	3.01			-46.2	-15.7		395327.09	6908498.62	1204
1124844	29/08/2016	205614	48	N	387.5		24.8	-41.8	-9.8	-5	97	3.01			-41.8	-9.8		395333.58	6908506.73	1207
1124844	29/08/2016	205542	48	N	400		24.8	-41.6	-9.1	-15	97	3.04			-41.6	-9.1		395340.59	6908518.29	1210
1124844	29/08/2016	205506	48	N	412.5		24.8	-44	-7.7	-6	97	3.01			-44	-7.7		395347.52	6908528.59	1209
1124844	29/08/2016	205434	48	N	425		24.8	-41	-6.4	-7	97	3.02			-41	-6.4		395353.85	6908536.7	1212
1124844	29/08/2016	205358	48	N	437.5		24.8	-42.5	-6.7	-17	97	3.05			-42.5	-6.7		395360.64	6908545.38	1213
1124844	29/08/2016	205330	48	N	450		24.8	-52	-12.4	-8	97	3.02			-52	-12.4		395368.21	6908557.81	1215
1124844	29/08/2016	205254	48	N	462.5		24.8	-55.8	-15.1	-15	97	3.04			-55.8	-15.1		395375.78	6908567.2	1217
1124844	29/08/2016	205226	48	N	475		24.8	-56.4	-16	-10	97	3.02			-56.4	-16		395381.57	6908577.99	1219
1124844	29/08/2016	205150	48	N	487.5		24.8	-57.7	-17.7	-16	97	3.05			-57.7	-17.7		395388.89	6908589.13	1221
1124844	29/08/2016	205106	48	N	500		24.8	-51.2	-13.2	5	97	3.01			-51.2	-13.2		395397.28	6908599.67	1222
1124844	29/08/2016	205022	48	N	512.5		24.8	-31.4	-2.4	-61	97	3.54			-31.4	-2.4		395401.89	6908608.52	1224
1124844	29/08/2016	204946	48	N	525		24.8	-27.6	-1.5	-15	97	3.04			-27.6	-1.5		395410.38	6908616.82	1226
1124844	29/08/2016	204902	48	N	537.5		24.8	-26.1	-2.8	-13	97	3.03			-26.1	-2.8		395416.85	6908625.79	1227
1124844	29/08/2016	204826	48	N	550		24.8	-29.4	-8.3	-20	97	3.07			-29.4	-8.3		395424.24	6908636.19	1230
1124844	29/08/2016	204606	48	N	562.5		24.8	-31.5	-12.4	-15	97	3.04			-31.5	-12.4		395428.85	6908642.59	1230
1124844	29/08/2016	204530	48	N	575		24.8	-35.8	-17.2	-19	97	3.06			-35.8	-17.2		395437.28	6908653.88	1233
1124844	29/08/2016	204450	48	N	587.5		24.8	-32.1	-14.6	-26	97	3.11			-32.1	-14.6		395442.97	6908665.95	1235
1124844	29/08/2016	204418	48	N	600		24.8	-25.6	-12.9	-35	97	3.2			-25.6	-12.9		395450.3	6908677.54	1236
1124844	29/08/2016	204346	48	N	612.5		24.8	-26	-13.8	-30	97	3.14			-26	-13.8		395458.66	6908687.74	1237
1124844	29/08/2016	204310	48	N	625		24.8	-17.4	-7.2	-32	97	3.17			-17.4	-7.2		395466.54	6908696.86	1239
1124844	29/08/2016	204238	48	N	637.5		24.8	-11.6	-5.3	-27	97	3.12			-11.6	-5.3		395473.93	6908706.36	1241
1124844	29/08/2016	204210	48	N	650		24.8	-9	-7.3	-25	97	3.11			-9	-7.3		395480.92	6908716.36	1242
1124844	29/08/2016	204138	48	N	662.5		24.8	-16	-13	-15	97	3.04			-16	-13		395486.35	6908724.93	1244
1124844	29/08/2016	204110	48	N	675		24.8	-15.9	-14.1	-18	97	3.06			-15.9	-14.1		395494.26	6908735.76	1246
1124844	29/08/2016	204046	48	N	687.5		24.8	-13.3	-13.2	-34	97	3.19			-13.3	-13.2		395500.02	6908746.08	1247
1124844	29/08/2016	204014	48	N	700		24.8	-15.9	-15.5	-18	97	3.05			-15.9	-15.5		395505.87	6908753.78	1249
1124844	29/08/2016	203934	48	N	712.5		24.8	-14.3	-16.7	-22	97	3.08			-14.3	-16.7		395514.42	6908766.34	1251
1124844	29/08/2016	203910	48	N	725		24.8	-12	-17.4	18	97	3.05			-12	-17.4		395519.78	6908773.74	1252
1124844	29/08/2016	203830	48	N	737.5		24.8	-12.8	-14	-18	97	3.05			-12.8	-14		395529.68	6908787.4	1255
1124844	29/08/2016	203742	48	N	750		24.8	-9.5	-9.9	-29	97	3.13			-9.5	-9.9		395537.17	6908798.01	1256
1124844	29/08/2016	203642	48	N	762.5		24.8	-6.6	-8.7	-21	97	3.07			-6.6	-8.7		395544.01	6908808.33	1258
1124844	29/08/2016	203614	48	N	775		24.8	-10.3	-12.8	-33	97	3.18			-10.3	-12.8		395550.48	6908817.2	1258
1124844	29/08/2016	203550	48	N	787.5		24.8	-10	-11.8	-20	97	3.07			-10	-11.8		395557.63	6908827.01	1260
1124844	29/08/2016	203518	48	N	800		24.8	-0.8	-4.9	-25	97	3.11			-0.8	-4.9		395565.05	6908836.93	1260
1124844	29/08/2016	203450	48	N	812.5		24.8	-3	-6.5	-20	97	3.07			-3	-6.5		395572.28	6908847.25	1261
1124844	29/08/2016	203422	48	N	825		24.8	2.6	-2.4	-8	97	3.01			2.6	-2.4		395580.12	6908858	1263
1124844	29/08/2016	203342	48	N	837.5		24.8	8.7	4.7	-24	97	3.09			8.7	4.7		395587.76	6908866.97	1263
1124844	29/08/2016	203314	48	N	850		24.8	8.7	5.5	-2	97	3.01			8.7	5.5		395595.81	6908877.9	1263
1124844	29/08/2016	202902	48	N	862.5		24.8	18.5	15.8	-89	14	2.77	2					395596.36	6908891	1264
1124844	29/08/2016	203154	48	N	862.5		24.8	15.7	8.8	87	97	4.03			15.7	8.8		395604.21	6908890.8	1263
1124844	29/08/2016	203230	48	N	862.5	Bad Point	24.8	13.8	8.4	57	97	3.48	1					395604.48	6908890.5	1263
1124844	29/08/2016	214526	49	N	0		24.8	3.8	-4.1	27	98	3.13			3.8	-4.1		395162.46	6908167.24	1149
1124844	29/08/2016	214542	49	N	0		24.8	3.8	-4.8	24	98	3.1	1					395161.84	6908166.99	1148
1124844	29/08/2016	214614	49	N	12.5		24.8	3.9	-3.9	15	98	3.05			3.9	-3.9		395168.18	6908176.07	1149
1124844	29/08/2016	214702	49	N	25		24.8	2.9	-3.6	9	98	3.03			2.9	-3.6		395176.19	6908186.66	1150
1124844	29/08/2016	214750	49	N	37.5		24.8	-3.4	-8.2	14	98	3.04			-3.4	-8.2		395183.49	6908196.16	1153
1124844	29/08/2016	214830	49	N	50		24.8	-6.6	-10.8	11	98	3.03			-6.6	-10.8		395191.47	6908207.76	1155
1124844	29/08/2016	214902	49	N	62.5		24.8	-4.5	-7.7	-2	98	3.01			-4.5	-7.7		395198.34	6908216.82	1157
1124844	29/08/2016	214934	49	N	75		24.8	-2.2	-4.6	-10	98	3.03			-2.2	-4.6		395207.09	6908224.97	1160
1124844	29/08/2016	215006	49	N	87.5		24.8	-6.9	-7.4	11	98	3.03			-6.9	-7.4		395212.09	6908232.84	1161
1124844	29/08/2016	215042	49	N	100		24.8	-9.5	-8.4	5	98	3.02			-9.5	-8.4		395219.13	6908242.74	1163
1124844	29/08/2016	215114	49	N	112.5		24.8	-13.3	-11.9	19	97	3.07			-13.3	-11.9		395224.74	6908255.29	1165
1124844	29/08/2016	215222	49	N	125		24.8	-14.5	-13.7	0	98	3.01			-14.5	-13.7		395232.28	6908266.36	1168
1124844	29/08/2016	215258	49	N	137.5		24.8	-10.4	-10.6	-16	98	3.06			-10.4	-10.6		395238.05	6908275.31	1170
1124844	29/08/2016	215334	49	N	150		24.8	-7.1	-7.4	-12	98	3.03			-7.1	-7.4		395246.2	6908285.16	1173
1124844	29/08/2016	215402	49	N	162.5		24.8	-6.2	-7.3	-10	98	3.03			-6.2	-7.3		395251.98	6908296.38	1174
1124844	29/08/2016	215450	49	N	175		24.8	-3.1	-4.3	-30	98	3.15			-3.1	-4.3		395259.48	6908306.6	1175
1124844	29/08/2016	215526	49	N	187.5		24.8	-5.8	-5.5	-18	98	3.06			-5.8	-5.5		395266.58	6908315.09	1178
1124844	29/08/2016	215610	49	N	200		24.8	-7.7	-5.2	-12	97	3.03			-7.7	-5.2		395274.04	6908325.81	1180
1124844	29/08/2016	215642	49	N	212.5		24.8	-6.4	-4.4	-15	97	3.04			-6.4	-4.4		395281.3	6908336.04	1181
1124844	29/08/2016	215718	49	N	225		24.8	-10.3	-6.7	-5	98	3.02			-10.3	-6.7		395288.72	6908346.42	1183

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	29/08/2016	215758	49	N	237.5		24.8	-9.5	-5.2	-23	97	3.07			-9.5	-5.2		395293.65	6908357.78	1184
1124844	29/08/2016	215838	49	N	250		24.8	-9.3	-4.5	-18	98	3.06			-9.3	-4.5		395299.07	6908365.23	1186
1124844	29/08/2016	215954	49	N	262.5		24.8	-5.3	1.9	5	98	3.02			-5.3	1.9		395309.28	6908377.49	1189
1124844	29/08/2016	220050	49	N	275		24.8	-7	0.4	-2	97	2.99			-7	0.4		395315.19	6908385.46	1190
1124844	29/08/2016	220130	49	N	287.5		24.8	-9.5	-2.3	-13	97	3.01			-9.5	-2.3		395323.22	6908394.9	1194
1124844	29/08/2016	220226	49	N	300		24.8	-13.7	-5.2	-32	95	3.08			-13.7	-5.2		395328.41	6908407.86	1200
1124844	29/08/2016	220654	49	N	312.5		24.8	-15.8	-5.8	16	96	3.01			-15.8	-5.8		395331.52	6908416.39	1198
1124844	29/08/2016	220818	49	N	325		24.8	-18.8	-6.1	1	96	2.97	1					395337.25	6908427.38	1199
1124844	29/08/2016	220834	49	N	325		24.8	-16.4	-4.6	-9	96	2.99			-16.4	-4.6		395337.03	6908427.36	1199
1124844	29/08/2016	220950	49	N	337.5		24.8	-18.7	-6.5	-36	93	3.08			-18.7	-6.5		395345.34	6908438.25	1199
1124844	29/08/2016	221030	49	N	350		24.8	-21.7	-8.5	-37	92	3.06			-21.7	-8.5		395352.96	6908445.46	1200
1124844	29/08/2016	221110	49	N	362.5		24.8	-24.4	-7	-4	97	2.99			-24.4	-7		395362.45	6908454.4	1206
1124844	29/08/2016	221150	49	N	375		24.8	-25.8	-7.6	-14	97	3.03			-25.8	-7.6		395368.69	6908462.56	1209
1124844	29/08/2016	221234	49	N	387.5		24.8	-28.8	-8.6	-13	97	3.03			-28.8	-8.6		395374.66	6908471.8	1210
1124844	29/08/2016	221310	49	N	400		24.8	-28.7	-5.9	8	97	3.02			-28.7	-5.9		395380.64	6908483.51	1211
1124844	29/08/2016	221414	49	N	412.5		24.8	-22.3	-1.3	-18	98	3.06			-22.3	-1.3		395387.18	6908493.34	1213
1124844	29/08/2016	221450	49	N	425		24.8	-21.9	0.2	-1	98	3.01			-21.9	0.2		395393.06	6908505.62	1215
1124844	29/08/2016	221522	49	N	437.5		24.8	-27.7	-4.3	10	98	3.02			-27.7	-4.3		395399.32	6908514.49	1215
1124844	29/08/2016	221614	49	N	450		24.8	-26.7	-4.7	-38	97	3.21			-26.7	-4.7		395408.38	6908525.32	1218
1124844	29/08/2016	221646	49	N	462.5		24.8	-31.1	-8.5	-24	97	3.1			-31.1	-8.5		395414.76	6908533.01	1219
1124844	29/08/2016	221730	49	N	475		24.8	-35.4	-11.9	-22	98	3.08			-35.4	-11.9		395423.14	6908542.88	1222
1124844	29/08/2016	221814	49	N	487.5		24.8	-34.8	-13.3	-33	97	3.17			-34.8	-13.3		395428.94	6908553.33	1223
1124844	29/08/2016	221858	49	N	500		24.8	-28.7	-9.1	-22	97	3.09			-28.7	-9.1		395436.21	6908560.37	1224
1124844	29/08/2016	221930	49	N	512.5		24.8	-10.8	2.3	-9	98	3.02			-10.8	2.3		395444.3	6908569.77	1227
1124844	29/08/2016	222018	49	N	525		24.8	-7.8	0.9	11	98	3.03			-7.8	0.9		395451.32	6908581.17	1228
1124844	29/08/2016	222158	49	N	537.5		24.8	-15.4	-6.2	-16	98	3.05			-15.4	-6.2		395458.19	6908590.18	1230
1124844	29/08/2016	222246	49	N	550		24.8	-14.6	-5.6	-15	97	3.04			-14.6	-5.6		395465.38	6908598.71	1232
1124844	29/08/2016	222326	49	N	562.5		24.8	-14.8	-7.3	-5	97	3.01			-14.8	-7.3		395471.97	6908609.82	1234
1124844	29/08/2016	222402	49	N	575		24.8	-20.7	-12.4	5	98	3.02			-20.7	-12.4		395477.59	6908621.04	1234
1124844	29/08/2016	222446	49	N	587.5		24.8	-19.9	-11.1	-12	98	3.04			-19.9	-11.1		395483.59	6908630.92	1236
1124844	29/08/2016	222502	49	N	587.5		24.8	-18.9	-11.4	-9	97	3.02	1					395483.8	6908631	1236
1124844	29/08/2016	222546	49	N	600		24.8	-16.4	-10.6	-42	97	3.28			-16.4	-10.6		395492.34	6908641.13	1238
1124844	29/08/2016	222618	49	N	612.5		24.8	-16.2	-11.5	-42	97	3.28			-16.2	-11.5		395500.93	6908649.29	1240
1124844	29/08/2016	222754	49	N	625		24.8	-8.7	-6.6	-63	97	3.58			-8.7	-6.6		395509.72	6908656.79	1241
1124844	29/08/2016	222838	49	N	637.5		24.8	-2.3	-4.4	5	97	3.01			-2.3	-4.4		395515.42	6908668.75	1243
1124844	29/08/2016	222918	49	N	650		24.8	-0.2	-5.4	-6	97	3.01			-0.2	-5.4		395521.86	6908680.13	1245
1124844	29/08/2016	222946	49	N	662.5		24.8	4.1	-3.4	-18	97	3.06			4.1	-3.4		395527.75	6908689.17	1245
1124844	29/08/2016	223018	49	N	675		24.8	5.1	-4	-31	97	3.16			5.1	-4		395532.27	6908700.28	1247
1124844	29/08/2016	223050	49	N	687.5		24.8	2.2	-5.3	-21	98	3.08			2.2	-5.3		395539.06	6908710.19	1249
1124844	29/08/2016	223126	49	N	700		24.8	-0.2	-9.5	-37	97	3.21			-0.2	-9.5		395547.26	6908720.07	1251
1124844	29/08/2016	223158	49	N	712.5		24.8	-2.1	-11.3	-35	97	3.2			-2.1	-11.3		395556.1	6908730.68	1253
1124844	29/08/2016	223418	49	N	725		24.8	-3.6	-13.4	-14	97	3.04			-3.6	-13.4		395562.15	6908738	1254
1124844	29/08/2016	223502	49	N	737.5		24.8	-5.7	-14.7	-20	97	3.07			-5.7	-14.7		395569.28	6908748.51	1255
1124844	29/08/2016	223602	49	N	750		24.8	-4	-12.6	-12	97	3.03			-4	-12.6		395575.19	6908759.45	1257
1124844	29/08/2016	223634	49	N	762.5		24.8	-1.7	-11.4	-23	98	3.09			-1.7	-11.4		395581.12	6908769.31	1258
1124844	29/08/2016	223718	49	N	775		24.8	-0.7	-13.2	-17	97	3.06			-0.7	-13.2		395589.32	6908781.91	1259
1124844	29/08/2016	223750	49	N	787.5		24.8	0.9	-9.4	-3	98	3.01			0.9	-9.4		395594.5	6908791.14	1261
1124844	29/08/2016	223854	49	N	800		24.8	9.2	-4.7	-28	97	3.13			9.2	-4.7		395601.14	6908801.47	1262
1124844	29/08/2016	223934	49	N	812.5		24.8	14.3	-0.8	-3	98	3.01			14.3	-0.8		395608.76	6908814.25	1263
1124844	29/08/2016	224010	49	N	825		24.8	17.8	1.1	-9	97	3.02			17.8	1.1		395615.23	6908824.76	1264
1124844	29/08/2016	224058	49	N	837.5		24.8	20.8	2.8	-34	97	3.18			20.8	2.8		395621.32	6908832.63	1264
1124844	29/08/2016	224126	49	N	850		24.8	21	3.7	-14	97	3.04			21	3.7		395628.82	6908843.45	1265
1124844	29/08/2016	224202	49	N	862.5		24.8	24.2	8.3	-26	97	3.12			24.2	8.3		395636.57	6908853.96	1265
1124844	29/08/2016	224234	49	N	875		24.8	25.2	11.3	-12	97	3.03	2					395644.75	6908865.08	1266
1124844	29/08/2016	224250	49	N	875		24.8	23.8	11.3	-10	97	3.02	1					395644.64	6908865.07	1266
1124844	29/08/2016	224306	49	N	875		24.8	23.6	10.9	-15	97	3.04			23.6	10.9		395644.61	6908864.91	1266
1124844	29/08/2016	233050	50	N	0		24.8	-1.9	-3.9	15	98	3.06	2					395237.1	6908102.64	1149
1124844	29/08/2016	233106	50	N	0		24.8	-1.6	-3.5	12	98	3.05	1					395237.1	6908101.98	1150
1124844	29/08/2016	233122	50	N	0		24.8	-2	-4.3	16	98	3.07			-2	-4.3		395236.44	6908101.78	1151
1124844	29/08/2016	233018	50	N	12.5		24.8	-8.3	-6.6	-10	98	3.04			-8.3	-6.6		395242.72	6908114.44	1151
1124844	29/08/2016	232950	50	N	25		24.8	-7.3	-5.8	-1	98	3.03			-7.3	-5.8		395248.63	6908123.34	1153
1124844	29/08/2016	232906	50	N	37.5		24.8	-10.7	-4.8	-60	89	3.31			-10.7	-4.8		395254.75	6908132.63	1155
1124844	29/08/2016	232838	50	N	50		24.8	-10.9	-6.2	-27	97	3.12			-10.9	-6.2		395264.04	6908140.85	1156
1124844	29/08/2016	232806	50	N	62.5		24.8	-13.7	-6.8	-22	97	3.08			-13.7	-6.8		395275.08	6908147.99	1158
1124844	29/08/2016	232742	50	N	75		24.8	-14.7	-9.8	14	98	3.06			-14.7	-9.8		395279.79	6908159.29	1161
1124844	29/08/2016	232718	50	N	87.5		24.8	-17.8	-11.1	8	98	3.04			-17.8	-11.1		395283.9	6908169.22	1163

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	29/08/2016	232650	50	N	100		24.8	-17.9	-9	-13	98	3.04			-17.9	-9		395289.14	6908181.18	1165
1124844	29/08/2016	232626	50	N	112.5		24.8	-23	-11.5	-27	98	3.13			-23	-11.5		395299.22	6908189.67	1168
1124844	29/08/2016	232602	50	N	125		24.8	-24.3	-13.4	-1	98	3.03			-24.3	-13.4		395305.24	6908200.95	1169
1124844	29/08/2016	232538	50	N	137.5		24.8	-24.2	-11.5	-26	98	3.13			-24.2	-11.5		395310.79	6908210.92	1171
1124844	29/08/2016	232510	50	N	150		24.8	-26.2	-13.1	3	98	3.03			-26.2	-13.1		395319.4	6908219.87	1174
1124844	29/08/2016	232446	50	N	162.5		24.8	-24.9	-12.3	-8	98	3.04			-24.9	-12.3		395324.24	6908229.57	1176
1124844	29/08/2016	232426	50	N	175		24.8	-28.5	-14.3	-6	98	3.03			-28.5	-14.3		395331.16	6908239.95	1177
1124844	29/08/2016	232402	50	N	187.5		24.8	-20.5	-5.5	-20	98	3.09			-20.5	-5.5		395338.67	6908250.67	1179
1124844	29/08/2016	232338	50	N	200		24.8	-18.5	-4.1	-7	98	3.03			-18.5	-4.1		395346.21	6908261.11	1181
1124844	29/08/2016	232314	50	N	212.5		24.8	-20	-5.3	-29	98	3.16			-20	-5.3		395353.1	6908270.02	1184
1124844	29/08/2016	232250	50	N	225		24.8	-19.9	-3.5	-23	98	3.11			-19.9	-3.5		395362.16	6908280.91	1186
1124844	29/08/2016	232226	50	N	237.5		24.8	-17.9	-2.7	-1	98	3.02			-17.9	-2.7		395370.04	6908288.83	1188
1124844	29/08/2016	232202	50	N	250		24.8	-18.7	-3	-26	98	3.13			-18.7	-3		395374.92	6908299.58	1191
1124844	29/08/2016	232138	50	N	262.5		24.8	-20.1	-5.5	-11	98	3.04			-20.1	-5.5		395382.68	6908310.93	1194
1124844	29/08/2016	232114	50	N	275		24.8	-16.5	1.4	-58	97	3.49			-16.5	1.4		395389.76	6908320.3	1196
1124844	29/08/2016	232050	50	N	287.5		24.8	-14.1	2.2	-3	98	3.02			-14.1	2.2		395398.07	6908330.32	1198
1124844	29/08/2016	232030	50	N	300		24.8	-15	0	25	97	3.1			-15	0		395402.65	6908340.15	1200
1124844	29/08/2016	232006	50	N	312.5		24.8	-19.8	-2.3	-9	98	3.03			-19.8	-2.3		395409.81	6908350.66	1202
1124844	29/08/2016	231938	50	N	325		24.8	-21.8	-3.1	3	98	3.02			-21.8	-3.1		395416.5	6908361.67	1204
1124844	29/08/2016	231914	50	N	337.5		24.8	-24.6	-3.7	4	98	3.02			-24.6	-3.7		395422.92	6908370.19	1205
1124844	29/08/2016	231850	50	N	350		24.8	-28.6	-6.6	-17	98	3.07			-28.6	-6.6		395431	6908378.69	1209
1124844	29/08/2016	231826	50	N	362.5		24.8	-34.3	-12.3	5	98	3.02			-34.3	-12.3		395436.41	6908388.38	1211
1124844	29/08/2016	231758	50	N	375		24.8	-35.3	-10.3	-7	97	3.01			-35.3	-10.3		395444.55	6908399.73	1215
1124844	29/08/2016	231734	50	N	387.5		24.8	-37.5	-10.7	-13	98	3.04			-37.5	-10.7		395450.96	6908408.29	1216
1124844	29/08/2016	231706	50	N	400		24.8	-35.5	-8.4	-11	98	3.04			-35.5	-8.4		395457.89	6908417.23	1217
1124844	29/08/2016	231638	50	N	412.5		24.8	-31.3	-5	-8	98	3.03			-31.3	-5		395464.69	6908427.54	1220
1124844	29/08/2016	231614	50	N	425		24.8	-33.6	-5.5	-12	98	3.04			-33.6	-5.5		395470.83	6908437.3	1222
1124844	29/08/2016	231550	50	N	437.5		24.8	-31.9	-4.1	-8	98	3.03			-31.9	-4.1		395478.31	6908448.32	1224
1124844	29/08/2016	231526	50	N	450		24.8	-34.5	-6.4	-11	98	3.03			-34.5	-6.4		395485.61	6908458.75	1227
1124844	29/08/2016	231502	50	N	462.5		24.8	-41.6	-11.7	-16	98	3.06			-41.6	-11.7		395493.73	6908469.1	1229
1124844	29/08/2016	231434	50	N	475		24.8	-41.9	-12.8	-20	98	3.08			-41.9	-12.8		395499.8	6908480.12	1230
1124844	29/08/2016	231410	50	N	487.5		24.8	-39.7	-7.7	-9	98	3.03			-39.7	-7.7		395506.87	6908490.62	1231
1124844	29/08/2016	231238	50	N	500		24.8	-19	0.4	-37	98	3.23			-19	0.4		395512.2	6908501.13	1233
1124844	29/08/2016	231210	50	N	512.5		24.8	-14.5	0.7	-34	98	3.2			-14.5	0.7		395520.25	6908510.58	1235
1124844	29/08/2016	231142	50	N	525		24.8	-13.7	-1.7	-21	98	3.09			-13.7	-1.7		395527.99	6908519.81	1236
1124844	29/08/2016	231114	50	N	537.5		24.8	-19.1	-5.3	-4	98	3.02			-19.1	-5.3		395534.89	6908528.83	1238
1124844	29/08/2016	230954	50	N	550		24.8	-3.1	5	-19	98	3.08			-3.1	5		395542.85	6908538.82	1238
1124844	29/08/2016	230918	50	N	562.5		24.8	-2.3	6.2	-18	98	3.07			-2.3	6.2		395551.35	6908549.15	1239
1124844	29/08/2016	230858	50	N	575		24.8	-5.7	2.3	6	98	3.02			-5.7	2.3		395556.39	6908558.74	1241
1124844	29/08/2016	230834	50	N	587.5		24.8	-10.7	-1.3	9	98	3.03			-10.7	-1.3		395563.3	6908569.85	1242
1124844	29/08/2016	230746	50	N	600		24.8	-17.1	-6.1	-12	98	3.04			-17.1	-6.1		395570.07	6908579.48	1244
1124844	29/08/2016	230722	50	N	612.5		24.8	-22.8	-10.2	-20	98	3.08			-22.8	-10.2		395576.89	6908588.99	1246
1124844	29/08/2016	230658	50	N	625		24.8	-28.7	-16.7	-11	98	3.04			-28.7	-16.7		395584.3	6908600.06	1247
1124844	29/08/2016	230634	50	N	637.5		24.8	-31.2	-19.6	-14	98	3.05			-31.2	-19.6		395591.62	6908610.48	1249
1124844	29/08/2016	230610	50	N	650		24.8	-19.6	-8.6	-32	98	3.18			-19.6	-8.6		395598.68	6908621.41	1250
1124844	29/08/2016	230546	50	N	662.5		24.8	-12.2	-4.1	-35	98	3.21			-12.2	-4.1		395605.99	6908630.62	1252
1124844	29/08/2016	230522	50	N	675		24.8	-15	-9.1	-15	98	3.05			-15	-9.1		395614.43	6908641.01	1254
1124844	29/08/2016	230454	50	N	687.5		24.8	-15.9	-9.5	-11	98	3.04			-15.9	-9.5		395622.13	6908651.91	1256
1124844	29/08/2016	230434	50	N	700		24.8	-9.4	-5.3	-26	98	3.12			-9.4	-5.3		395626.8	6908660.35	1257
1124844	29/08/2016	230354	50	N	712.5		24.8	-5.8	-2.4	-12	98	3.04			-5.8	-2.4		395634.8	6908671.79	1258
1124844	29/08/2016	230326	50	N	725		24.8	-11.4	-7.1	-29	98	3.15			-11.4	-7.1		395641.79	6908682.41	1259
1124844	29/08/2016	230114	50	N	737.5		24.8	-15.3	-11.6	-1	98	3.01			-15.3	-11.6		395646	6908693.35	1260
1124844	29/08/2016	230022	50	N	750		24.8	-13	-10.9	4	98	3.02			-13	-10.9		395653.44	6908704.4	1263
1124844	29/08/2016	225942	50	N	762.5		24.8	-12.6	-8.4	-17	98	3.06			-12.6	-8.4		395659.89	6908714.58	1264
1124844	29/08/2016	225914	50	N	775		24.8	-12	-7.8	-19	98	3.07			-12	-7.8		395666.63	6908724.55	1265
1124844	29/08/2016	225846	50	N	787.5		24.8	-12.7	-7.5	-14	98	3.04			-12.7	-7.5		395673.7	6908734.66	1266
1124844	29/08/2016	225822	50	N	800		24.8	-11.2	-6.2	-4	98	3.01			-11.2	-6.2		395680.84	6908742.74	1267
1124844	29/08/2016	225754	50	N	812.5		24.8	-13.4	-9.5	-9	98	3.02			-13.4	-9.5		395689.38	6908752.87	1269
1124844	29/08/2016	225722	50	N	825		24.8	-7.5	-3.6	-22	97	3.09			-7.5	-3.6		395696.68	6908762.74	1269
1124844	29/08/2016	225610	50	N	837.5		24.8	5.4	5.1	-8	97	3.02			5.4	5.1		395706.16	6908773.42	1269
1124844	29/08/2016	225538	50	N	850		24.8	4.5	3.8	-27	98	3.13			4.5	3.8		395714.24	6908783.98	1270
1124844	29/08/2016	225514	50	N	862.5		24.8	2.8	2.8	-30	97	3.15			2.8	2.8		395721.77	6908793.13	1271
1124844	29/08/2016	225342	50	N	875		24.8	2.6	2.3	-26	97	3.12			2.6	2.3		395729.55	6908803.57	1271
1124844	29/08/2016	225358	50	N	875		24.8	0.9	1.3	-24	97	3.1						395729.65	6908803.7	1271
1124844	29/08/2016	225434	50	N	875		24.8	2.8	2.2	-25	97	3.11	1					395729.54	6908803.32	1271
8042428	42616	163106	58	N	500		24.8	-11.5	-9.7	21	56	3.69	0		-11.5	-9.7		395936.9	6908205.64	1160

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	163122	58	N	500		24.8	-11.9	-9.4	22	57	3.79	1					395937.26	6908206.2	1159
8042428	42616	163222	58	N	500		24.8	-12.1	-9.3	17	56	3.63	1					395936.62	6908204.94	1159
8042428	42616	163302	58	N	512.5		24.8	-9.5	-9	20	56	3.71	0		-9.5	-9		395939.94	6908215.04	1161
8042428	42616	163514	58	N	525		24.8	-10.7	-7.3	0	56	3.45	0		-10.7	-7.3		395948.49	6908226.74	1163
8042428	42616	163554	58	N	537.5		24.8	-10	-6	3	56	3.45	0		-10	-6		395955.71	6908238.4	1165
8042428	42616	163710	58	N	550		24.8	-11.4	-6.2	7	54	3.35	0		-11.4	-6.2		395964.46	6908250.76	1167
8042428	42616	163750	58	N	562.5		24.8	-10.9	-3.9	12	54	3.44	0		-10.9	-3.9		395968.56	6908260.54	1168
8042428	42616	163830	58	N	575		24.8	-8.4	1.1	3	54	3.36	0		-8.4	1.1		395973.84	6908266.54	1171
8042428	42616	163942	58	N	587.5		24.8	-10.6	0.4	10	51	3.22	0		-10.6	0.4		395980.73	6908277.64	1172
8042428	42616	164046	58	N	600		24.8	-12.7	0.1	8	51	3.18	0		-12.7	0.1		395982.49	6908285.51	1174
8042428	42616	164142	58	N	612.5		24.8	-16.3	-0.1	6	52	3.24	0		-16.3	-0.1		395991.21	6908297.72	1176
8042428	42616	164218	58	N	625		24.8	-20.5	-0.7	10	49	3.09	0		-20.5	-0.7		395996.12	6908308.69	1177
8042428	42616	164254	58	N	637.5		24.8	-23.2	-0.1	32	101	3.27	0		-23.2	-0.1		396001.84	6908318.01	1179
8042428	42616	164346	58	N	650		24.8	-25.9	2.1	6	103	3.19	0		-25.9	2.1		396007.41	6908329.66	1181
8042428	42616	164426	58	N	662.5		24.8	-22.4	7.5	29	105	3.37	0		-22.4	7.5		396017.45	6908339.32	1180
8042428	42616	164514	58	N	675		24.8	-25.7	6.9	32	101	3.27	0		-25.7	6.9		396022.57	6908349.78	1182
8042428	42616	164554	58	N	687.5		24.8	-30.5	7.4	14	103	3.2	0		-30.5	7.4		396028.45	6908359.11	1183
8042428	42616	164634	58	N	700		24.8	-34	7.6	11	106	3.28	0		-34	7.6		396038.11	6908369.33	1186
8042428	42616	164738	58	N	712.5		24.8	-34	9.8	19	105	3.3	0		-34	9.8		396044.59	6908379.29	1191
8042428	42616	164818	58	N	725		24.8	-37.7	10.2	13	107	3.31	0		-37.7	10.2		396050.33	6908388.29	1189
8042428	42616	165002	58	N	737.5		24.8	-46.9	5.5	25	101	3.21	0		-46.9	5.5		396057.3	6908402.52	1191
8042428	42616	165050	58	N	750		24.8	-56.7	0.2	9	104	3.22	0		-56.7	0.2		396065.65	6908416.45	1193
8042428	42616	165122	58	N	762.5		24.8	-58.4	-1.7	9	112	3.46	0		-58.4	-1.7		396067.51	6908424.33	1195
8042428	42616	165206	58	N	775		24.8	-63.9	-4.8	0	112	3.46	0		-63.9	-4.8		396073.79	6908430.87	1193
8042428	42616	165242	58	N	787.5		24.8	-61.6	-6.6	35	121	3.9	0		-61.6	-6.6		396080.39	6908439.83	1195
8042428	42616	165310	58	N	787.5		24.8	-62.7	-6.8	26	122	3.84	1					396080.68	6908441.14	1192
8042428	42616	165430	58	N	800		24.8	-56.2	-4.8	16	69	4.39	0		-56.2	-4.8		396088.21	6908452.32	1196
8042428	42616	165450	58	N	800		24.8	-57.7	-5.4	11	68	4.26	1					396088.22	6908451.99	1197
8042428	42616	165538	58	N	812.5		24.8	-36.1	6.4	-13	77	4.82	0		-36.1	6.4		396095.25	6908462.32	1196
8042428	42616	165618	58	N	825		24.8	-22.5	11.3	-10	75	4.66	0		-22.5	11.3		396101.81	6908471.36	1195
8042428	42616	170318	58	N	837.5		24.8	-18.4	9.3	0	74	4.56	0		-18.4	9.3		396110.7	6908480.24	1198
8042428	42616	170422	58	N	850		24.8	-16.3	7.8	-9	70	4.34	0		-16.3	7.8		396117.02	6908488.42	1198
8042428	42616	170510	58	N	862.5		24.8	-14.5	5.3	-2	68	4.2	0		-14.5	5.3		396124.08	6908499.99	1197
8042428	42616	170558	58	N	875		24.8	-15.5	1.4	13	67	4.2	0		-15.5	1.4		396130.26	6908509.41	1202
8042428	42616	170654	58	N	887.5		24.8	-16.1	-2.7	23	66	4.36	0		-16.1	-2.7		396138.46	6908522.28	1201
8042428	42616	170730	58	N	900		24.8	-14.1	-2.9	5	69	4.26	0		-14.1	-2.9		396146.34	6908531.79	1201
8042428	42616	170806	58	N	912.5		24.8	-14.6	-4.9	-2	69	4.29	0		-14.6	-4.9		396149.94	6908541.63	1202
8042428	42616	170854	58	N	925		24.8	-14.7	-8.1	-2	68	4.23	0		-14.7	-8.1		396154.66	6908553.49	1205
8042428	42616	170938	58	N	937.5		24.8	-12.3	-9.1	-9	72	4.5	0		-12.3	-9.1		396162.49	6908564.36	1208
8042428	42616	171026	58	N	950		24.8	-4.3	-7.3	-4	72	4.44	0		-4.3	-7.3		396167.52	6908576.24	1207
8042428	42616	171118	58	N	962.5		24.8	0.4	-8.2	1	72	4.45	0		0.4	-8.2		396174.67	6908584.66	1209
8042428	42616	171210	58	N	975		24.8	9.4	-3.8	-23	68	4.46	0		9.4	-3.8		396186.87	6908590	1211
8042428	42616	171318	58	N	987.5		24.8	13.8	-4.5	-23	65	4.25	0		13.8	-4.5		396195.23	6908597.96	1211
8042428	42616	171430	58	N	1000		24.8	14.6	-7.9	-7	63	3.94	0		14.6	-7.9		396203.03	6908607.27	1212
8042428	42616	171510	58	N	1012.5		24.8	14.5	-10.2	0	61	3.78	0		14.5	-10.2		396209.4	6908615.82	1212
8042428	42616	171550	58	N	1025		24.8	13.6	-11.2	-4	58	3.62	0		13.6	-11.2		396217.21	6908626.75	1212
8042428	42616	171622	58	N	1037.5		24.8	10.3	-13	0	57	3.51	0		10.3	-13		396224.34	6908636.97	1214
8042428	42616	171714	58	N	1050		24.8	9.1	-14.5	-3	56	3.5	0		9.1	-14.5		396230.01	6908647.1	1216
8042428	42616	171742	58	N	1062.5		24.8	8.3	-12.5	-5	54	3.39	0		8.3	-12.5		396240.7	6908655.99	1217
8042428	42616	171814	58	N	1075		24.8	7.4	-11.4	-3	57	3.53	0		7.4	-11.4		396243.74	6908666.05	1218
8042428	42616	171854	58	N	1087.5		24.8	6	-12.4	-2	54	3.36	0		6	-12.4		396251.69	6908680.67	1217
8042428	42616	171926	58	N	1100		24.8	5.4	-11.6	-2	55	3.41	0		5.4	-11.6		396257.3	6908691.35	1219
8042428	42616	171958	58	N	1112.5		24.8	4.5	-11.1	-8	53	3.33	0		4.5	-11.1		396264.76	6908701.82	1220
8042428	42616	172038	58	N	1125		24.8	6.4	-7.4	-18	52	3.41	0		6.4	-7.4		396270.18	6908709.91	1219
8042428	42616	172110	58	N	1137.5		24.8	8.4	-5.3	5	53	3.33	0		8.4	-5.3		396276.9	6908719.3	1220
8042428	42616	172146	58	N	1150		24.8	6	-3.9	-10	51	3.24	0		6	-3.9		396288.38	6908731.53	1219
8042428	42616	172250	58	N	1162.5		24.8	4.3	-7.2	18	49	3.23	0		4.3	-7.2		396295.49	6908741.28	1219
8042428	42616	172322	58	N	1175		24.8	3.3	-5.7	43	99	3.33	0		3.3	-5.7		396298.05	6908750.76	1220
8042428	42616	172354	58	N	1187.5		24.8	3.4	-1.1	-7	102	3.16	0		3.4	-1.1		396303.36	6908760.78	1220
8042428	42616	172426	58	N	1200		24.8	2	-2.7	7	107	3.3	0		2	-2.7		396310.75	6908771.27	1220
8042428	42616	172506	58	N	1212.5		24.8	4.1	1.9	-1	105	3.23	0		4.1	1.9		396317.67	6908781.56	1219
8042428	42616	172538	58	N	1225		24.8	4.8	4.2	-10	106	3.28	0		4.8	4.2		396324.6	6908791.01	1219
8042428	42616	172614	58	N	1237.5		24.8	2.3	4.6	-27	102	3.26	0		2.3	4.6		396331.65	6908801.68	1217
8042428	42616	172658	58	N	1250		24.8	1	2.1	-3	109	3.35	0		1	2.1		396340.02	6908812.26	1215
8042428	42616	172722	58	N	1250		24.8	1.8	2.2	3	110	3.39	1					396340.32	6908813	1215
8042428	42616	172746	58	N	1250		24.8	2.5	2.6	5	109	3.35	1					396340.46	6908812.76	1215

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	180138	58	N	1250		24.8	14.1	1.3	50	57	2.35	1					396315.28	6908832.15	1213
8042428	42616	180258	58	N	1250		24.8	13.1	2.3	41	61	2.28	1					396315.9	6908831.26	1213
8042428	42616	181222	60	N	1237.5		24.8	13.1	4.3	-1	55	3.4	0		13.1	4.3		396463.2	6908722.06	1212
8042428	42616	181250	60	N	1237.5		24.8	12.2	3.7	-2	55	3.44	1					396463.31	6908722.3	1213
8042428	42616	181322	60	N	1225		24.8	12	3.2	-3	59	3.64	0		12	3.2		396455.76	6908712.25	1213
8042428	42616	181358	60	N	1212.5		24.8	8.2	-0.3	-11	58	3.68	0		8.2	-0.3		396448.32	6908701.92	1213
8042428	42616	181434	60	N	1200		24.8	-0.6	-6	9	58	3.61	0		-0.6	-6		396437.74	6908689.48	1212
8042428	42616	181514	60	N	1187.5		24.8	0.4	-7.2	-7	57	3.59	0		0.4	-7.2		396430.06	6908679.49	1213
8042428	42616	181558	60	N	1175		24.8	0.8	-7.5	-16	54	3.52	0		0.8	-7.5		396421.93	6908667.81	1213
8042428	42616	181634	60	N	1162.5		24.8	0.4	-8.2	-4	56	3.45	0		0.4	-8.2		396410.81	6908656.17	1212
8042428	42616	181710	60	N	1150		24.8	3.7	-7.1	-8	54	3.41	0		3.7	-7.1		396403.53	6908646.99	1210
8042428	42616	181750	60	N	1137.5		24.8	5.1	-5.4	-2	56	3.48	0		5.1	-5.4		396394.67	6908633.15	1206
8042428	42616	181822	60	N	1125		24.8	4.5	-5.3	13	56	3.58	0		4.5	-5.3		396391.66	6908622.78	1210
8042428	42616	181854	60	N	1112.5		24.8	3.8	-6.4	26	53	3.69	0		3.8	-6.4		396387.51	6908610.37	1209
8042428	42616	181938	60	N	1100		24.8	2.7	-7.7	22	56	3.71	0		2.7	-7.7		396379.84	6908597.29	1208
8042428	42616	182018	60	N	1087.5		24.8	3.2	-11.5	0	57	3.56	0		3.2	-11.5		396373.73	6908590.43	1207
8042428	42616	182054	60	N	1075		24.8	0.7	-15.7	-6	56	3.51	0		0.7	-15.7		396366.33	6908580.74	1206
8042428	42616	182130	60	N	1062.5		24.8	5.3	-15.5	-16	54	3.49	0		5.3	-15.5		396356.53	6908572.21	1208
8042428	42616	182226	60	N	1050		24.8	8.7	-14.4	-18	53	3.46	0		8.7	-14.4		396351.26	6908562.19	1204
8042428	42616	182242	60	N	1050		24.8	7.8	-14.7	0	54	3.37	1					396350.9	6908562.45	1203
8042428	42616	182318	60	N	1037.5		24.8	12.7	-14.2	-6	54	3.38	0		12.7	-14.2		396344.68	6908551.98	1201
8042428	42616	182346	60	N	1025		24.8	18.2	-11.4	-4	54	3.36	0		18.2	-11.4		396337.37	6908543.27	1201
8042428	42616	182426	60	N	1012.5		24.8	20.1	-11.7	-9	54	3.42	0		20.1	-11.7		396330.39	6908534.2	1200
8042428	42616	182442	60	N	1012.5		24.8	20.1	-11.2	-7	54	3.4	1					396330.65	6908535.61	1201
8042428	42616	182518	60	N	1000		24.8	27	-7.4	-5	56	3.51	0		27	-7.4		396320.91	6908524.22	1200
8042428	42616	182554	60	N	987.5		24.8	30.3	-6.2	-5	58	3.6	0		30.3	-6.2		396314.85	6908515.1	1199
8042428	42616	182630	60	N	975		24.8	37.2	-1	-13	61	3.86	0		37.2	-1		396305.75	6908503.34	1196
8042428	42616	182706	60	N	962.5		24.8	34.4	-1.7	-9	67	4.2	0		34.4	-1.7		396299.95	6908494.86	1196
8042428	42616	182738	60	N	950		24.8	27.8	-4.9	-6	73	4.52	0		27.8	-4.9		396292.2	6908484.27	1193
8042428	42616	182814	60	N	937.5		24.8	26.1	-1.3	-4	74	4.59	0		26.1	-1.3		396283.08	6908473.86	1192
8042428	42616	182918	60	N	925		24.8	18	-1.7	-9	81	5.02	0		18	-1.7		396273.41	6908463.07	1191
8042428	42616	182950	60	N	912.5		24.8	6.2	-3.8	-6	81	5.06	0		6.2	-3.8		396266.81	6908455.82	1193
8042428	42616	183030	60	N	900		24.8	-0.9	-4.3	1	81	5.04	0		-0.9	-4.3		396260.51	6908445.36	1191
8042428	42616	183134	60	N	887.5		24.8	-2.9	-2.7	-12	80	4.97	0		-2.9	-2.7		396254.97	6908438.74	1190
8042428	42616	183210	60	N	875		24.8	-7.9	-1.2	-5	80	4.94	0		-7.9	-1.2		396248.2	6908427.87	1187
8042428	42616	183250	60	N	862.5		24.8	-12.9	0.4	-7	77	4.79	0		-12.9	0.4		396240.67	6908416.64	1187
8042428	42616	183330	60	N	850		24.8	-16	1.8	-15	76	4.81	0		-16	1.8		396235.92	6908408.6	1187
8042428	42616	183402	60	N	837.5		24.8	-21.3	4.7	-9	78	4.83	0		-21.3	4.7		396226.89	6908397.77	1184
8042428	42616	183418	60	N	837.5		24.8	-21.2	4.8	-12	77	4.81	1					396226.9	6908397.47	1183
8042428	42616	183454	60	N	825		24.8	-27.4	6.6	-1	78	4.8	0		-27.4	6.6		396218.32	6908385.76	1181
8042428	42616	183526	60	N	812.5		24.8	-32.5	6.5	-4	77	4.79	0		-32.5	6.5		396211.5	6908375.45	1180
8042428	42616	183602	60	N	800		24.8	-45.7	2.2	-3	75	4.65	0		-45.7	2.2		396203.81	6908369.42	1181
8042428	42616	183654	60	N	787.5		24.8	-59.5	-2.3	16	63	4.04	0		-59.5	-2.3		396196.35	6908356.54	1177
8042428	42616	183742	60	N	775		24.8	-58.9	0.8	10	57	3.61	0		-58.9	0.8		396189.97	6908345.36	1177
8042428	42616	183826	60	N	762.5		24.8	-51.8	6.2	7	55	3.41	0		-51.8	6.2		396183.82	6908336.01	1178
8042428	42616	183902	60	N	750		24.8	-43	8.6	8	55	3.44	0		-43	8.6		396178.09	6908327.33	1179
8042428	42616	183942	60	N	737.5		24.8	-39.2	6.2	2	55	3.39	0		-39.2	6.2		396171.62	6908311.79	1174
8042428	42616	184022	60	N	725		24.8	-33.6	6.5	-9	51	3.23	0		-33.6	6.5		396165.39	6908304.7	1175
8042428	42616	184214	60	N	712.5		24.8	-27.4	7.9	-2	51	3.17	0		-27.4	7.9		396156.47	6908294.49	1175
8042428	42616	184246	60	N	700		24.8	-20.5	7.6	-12	50	3.22	0		-20.5	7.6		396147.12	6908282.54	1171
8042428	42616	184318	60	N	687.5		24.8	-16.5	8.4	14	51	3.27	0		-16.5	8.4		396144.31	6908271.51	1164
8042428	42616	184414	60	N	675		24.8	-11.5	7.7	3	52	3.23	0		-11.5	7.7		396136.55	6908265.01	1169
8042428	42616	184454	60	N	662.5		24.8	-6.9	7.3	-2	51	3.19	0		-6.9	7.3		396133.65	6908255.56	1163
8042428	42616	184514	60	N	662.5		24.8	-9	6.3	-4	51	3.16	1					396132.45	6908257.67	1171
8042428	42616	184534	60	N	662.5		24.8	-7.8	7.1	2	52	3.23	1					396134.27	6908256.34	1164
8042428	42616	184638	60	N	650		24.8	-3.6	3.1	-22	50	3.38	0		-3.6	3.1		396126	6908245.97	1164
8042428	42616	184734	60	N	637.5		24.8	-2.7	1.6	0	52	3.22	0		-2.7	1.6		396119.65	6908237.96	1162
8042428	42616	184830	60	N	625		24.8	-0.5	0.7	-4	54	3.36	0		-0.5	0.7		396117.3	6908232.44	1161
8042428	42616	184914	60	N	612.5		24.8	0.8	-4.1	0	52	3.22	0		0.8	-4.1		396107.8	6908219.01	1159
8042428	42616	184954	60	N	600		24.8	9.2	-1.3	10	51	3.24	0		9.2	-1.3		396099.48	6908208.32	1157
8042428	42616	185030	60	N	587.5		24.8	14.5	2.6	30	50	3.63	0		14.5	2.6		396091.4	6908186.34	1149
8042428	42616	185102	60	N	575		24.8	19	-0.1	15	56	3.58	0		19	-0.1		396082.4	6908186.05	1160
8042428	42616	185138	60	N	562.5		24.8	25.8	2.3	18	56	3.65	0		25.8	2.3		396073.76	6908173.55	1157
8042428	42616	185206	60	N	550		24.8	29.5	2.7	11	59	3.72	0		29.5	2.7		396065.78	6908162.9	1156
8042428	42616	185242	60	N	537.5		24.8	31.6	4.2	17	63	4.02	0		31.6	4.2		396059.28	6908151.06	1154
8042428	42616	185314	60	N	525		24.8	33.8	4.3	9	66	4.12	0		33.8	4.3		396053.72	6908142.01	1153

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	185346	60	N	512.5		24.8	34.8	8.4	11	68	4.26	0		34.8	8.4		396050.15	6908131.32	1150
8042428	42616	185434	60	N	500		24.8	28.5	7.6	0	80	4.92	0		28.5	7.6		396042.48	6908118.43	1150
8042428	42616	185510	60	N	487.5		24.8	17.2	6.2	7	88	5.46	0		17.2	6.2		396036.74	6908110.58	1150
8042428	42616	185542	60	N	475		24.8	-5.2	-0.6	17	95	5.97	0		-5.2	-0.6		396033.09	6908102.57	1148
8042428	42616	185622	60	N	462.5		24.8	-35.4	-8.1	9	80	4.97	0		-35.4	-8.1		396026.16	6908089.39	1144
8042428	42616	185654	60	N	450		24.8	-38.8	-3.4	4	70	4.34	0		-38.8	-3.4		396018.73	6908078.57	1144
8042428	42616	185730	60	N	437.5		24.8	-37.8	-0.7	-23	61	4.06	0		-37.8	-0.7		396011.53	6908068.03	1143
8042428	42616	185802	60	N	425		24.8	-40.3	-0.5	0	64	3.97	0		-40.3	-0.5		396005.64	6908057.68	1142
8042428	42616	185834	60	N	412.5		24.8	-38.5	0.4	-3	59	3.66	0		-38.5	0.4		395998.26	6908044.82	1137
8042428	42616	185910	60	N	400		24.8	-36	1.8	-1	60	3.72	0		-36	1.8		395993.42	6908035.71	1136
8042428	42616	185954	60	N	387.5		24.8	-34.5	4.3	16	55	3.56	0		-34.5	4.3		395983.36	6908029.3	1137
8042428	42616	190026	60	N	375		24.8	-27.1	6.2	3	59	3.64	0		-27.1	6.2		395974.8	6908019.85	1133
8042428	42616	190102	60	N	362.5		24.8	-28.4	2.9	1	59	3.66	0		-28.4	2.9		395965.23	6908009.22	1127
8042428	42616	190134	60	N	350		24.8	-24.5	2.6	-3	58	3.62	0		-24.5	2.6		395956.89	6908000.62	1126
8042428	42616	190202	60	N	337.5		24.8	-22.7	2.9	3	58	3.6	0		-22.7	2.9		395950.16	6907992.94	1125
8042428	42616	190238	60	N	325		24.8	-24.6	-0.4	1	57	3.56	0		-24.6	-0.4		395943.55	6907983.5	1125
8042428	42616	190306	60	N	312.5		24.8	-22.9	-2.6	0	59	3.65	0		-22.9	-2.6		395935.97	6907973.3	1122
8042428	42616	190406	60	N	300		24.8	-20.4	-1.8	3	55	3.43	0		-20.4	-1.8		395931.64	6907965.22	1118
8042428	42616	190442	60	N	287.5		24.8	-14.1	1	-2	55	3.4	0		-14.1	1		395924.36	6907954.64	1125
8042428	42616	190518	60	N	275		24.8	-10.3	2.6	-3	58	3.58	0		-10.3	2.6		395916.75	6907946.45	1116
8042428	42616	190554	60	N	262.5		24.8	-7.5	2.8	0	58	3.6	0		-7.5	2.8		395906.77	6907939.25	1117
8042428	42616	190634	60	N	250		24.8	-7.1	1.8	4	59	3.66	0		-7.1	1.8		395896.37	6907929.91	1112
8042428	42616	190750	60	N	237.5		24.8	-5.4	1.6	11	59	3.7	0		-5.4	1.6		395894.55	6907911.36	1107
8042428	42616	190910	60	N	225		24.8	-4.5	0.4	0	61	3.78	0		-4.5	0.4		395888.91	6907904.8	1102
8042428	42616	191002	60	N	212.5		24.8	-5.2	-0.8	4	62	3.84	0		-5.2	-0.8		395882.17	6907894.27	1100
8042428	42616	191018	60	N	212.5		24.8	-5.6	-0.7	7	61	3.82	1					395882.07	6907894.17	1100
8042428	42616	191102	60	N	200		24.8	-4.6	-2.2	4	63	3.9	0		-4.6	-2.2		395876.38	6907887.21	1105
8042428	42616	191146	60	N	187.5		24.8	-4.8	-1.5	13	61	3.85	0		-4.8	-1.5		395868.94	6907873.06	1098
8042428	42616	191226	60	N	175		24.8	-3.9	-2.4	4	64	3.96	0		-3.9	-2.4		395860.38	6907862.36	1097
8042428	42616	191302	60	N	162.5		24.8	-4.2	-3.1	2	63	3.93	0		-4.2	-3.1		395854.18	6907854.06	1092
8042428	42616	191342	60	N	150		24.8	-7.7	-5.6	-1	65	4.02	0		-7.7	-5.6		395848.22	6907847.58	1089
8042428	42616	191426	60	N	137.5		24.8	-11.9	-8.6	0	65	4.02	0		-11.9	-8.6		395840.96	6907835.68	1090
8042428	42616	191522	60	N	125		24.8	-15.1	-9.5	12	62	3.92	0		-15.1	-9.5		395834.76	6907826.99	1084
8042428	42616	191538	60	N	125		24.8	-15	-10.1	9	65	4.04	1					395834.74	6907826.12	1084
8042428	42616	191650	60	N	112.5		24.8	-15.8	-10.2	14	60	3.85	0		-15.8	-10.2		395826.94	6907812.09	1080
8042428	42616	191730	60	N	100		24.8	-12.9	-7.9	16	58	3.76	0		-12.9	-7.9		395820.49	6907800.05	1073
8042428	42616	191810	60	N	87.5		24.8	-10.1	-6.1	21	60	3.93	0		-10.1	-6.1		395814.62	6907791.93	1072
8042428	42616	191842	60	N	75		24.8	-9.9	-6.6	7	62	3.85	0		-9.9	-6.6		395808.21	6907781.74	1073
8042428	42616	191918	60	N	62.5		24.8	-10.3	-6.8	10	60	3.8	0		-10.3	-6.8		395800.53	6907771.77	1070
8042428	42616	191950	60	N	50		24.8	-11.1	-7.3	7	61	3.81	0		-11.1	-7.3		395792.64	6907765.7	1067
8042428	42616	192022	60	N	37.5		24.8	-11.7	-7.4	7	63	3.91	0		-11.7	-7.4		395786.79	6907755.51	1066
8042428	42616	192106	60	N	25		24.8	-14.9	-9.6	-1	62	3.84	0		-14.9	-9.6		395779.22	6907746.72	1065
8042428	42616	192134	60	N	12.5		24.8	-15.7	-9.2	2	60	3.71	0		-15.7	-9.2		395772.15	6907737.65	1061
8042428	42616	192150	60	N	12.5		24.8	-14.6	-9.3	0	61	3.78	1					395772.86	6907738.65	1062
8042428	42616	192206	60	N	12.5		24.8	-14.8	-8.9	0	61	3.76	1					395772.76	6907739.04	1062
8042428	42616	192222	60	N	12.5		24.8	-14.3	-7.7	3	59	3.67	1					395772.05	6907739.23	1060
8042428	42616	195454	62	N	0		24.8	-20.2	-11.4	8	64	3.97	0		-20.2	-11.4		395857.65	6907681.38	1072
8042428	42616	195510	62	N	0		24.8	-20.1	-11.7	7	63	3.92	1					395857.74	6907681.55	1072
8042428	42616	195706	62	N	12.5		24.8	-17.6	-9.1	-5	63	3.89	0		-17.6	-9.1		395863.96	6907693.49	1075
8042428	42616	195754	62	N	25		24.8	-17.6	-11.8	22	59	3.9	0		-17.6	-11.8		395867.97	6907700.16	1077
8042428	42616	195810	62	N	25		24.8	-18	-11.9	13	60	3.81	1					395868.62	6907701.02	1077
8042428	42616	195850	62	N	37.5		24.8	-16.5	-10.8	22	61	4.01	0		-16.5	-10.8		395877.39	6907711.56	1081
8042428	42616	195926	62	N	50		24.8	-19	-11.8	7	62	3.89	0		-19	-11.8		395885.13	6907719.96	1083
8042428	42616	195942	62	N	50		24.8	-19.8	-13.2	3	61	3.76	1					395885.42	6907720.4	1084
8042428	42616	200022	62	N	62.5		24.8	-17.4	-13.1	10	59	3.71	0		-17.4	-13.1		395893.47	6907732.22	1082
8042428	42616	200042	62	N	62.5		24.8	-17.4	-12.5	23	59	3.94	1					395892.59	6907731.64	1083
8042428	42616	200102	62	N	62.5		24.8	-18.5	-12.9	11	60	3.78	1					395893.52	6907730.76	1087
8042428	42616	200142	62	N	75		24.8	-18	-12.8	12	58	3.68	0		-18	-12.8		395897.37	6907740.1	1088
8042428	42616	200222	62	N	87.5		24.8	-18.4	-12.9	16	58	3.73	0		-18.4	-12.9		395901.91	6907751.7	1087
8042428	42616	200258	62	N	100		24.8	-22.4	-15	5	58	3.63	0		-22.4	-15		395906.87	6907762.25	1090
8042428	42616	200330	62	N	112.5		24.8	-22.1	-15.1	24	55	3.76	0		-22.1	-15.1		395913.31	6907772.03	1094
8042428	42616	200350	62	N	112.5		24.8	-22.8	-14.4	7	58	3.63	1					395913.91	6907772.55	1094
8042428	42616	200434	62	N	125		24.8	-26.1	-14.3	-19	56	3.7	0		-26.1	-14.3		395921.18	6907783.77	1097
8042428	42616	200502	62	N	137.5		24.8	-24	-12.8	-24	56	3.78	0		-24	-12.8		395930.52	6907792.6	1100
8042428	42616	200546	62	N	150		24.8	-19	-7.6	-22	56	3.76	0		-19	-7.6		395939.8	6907798.83	1104
8042428	42616	200630	62	N	162.5		24.8	-20.5	-8.9	-14	56	3.56	0		-20.5	-8.9		395948.73	6907809.53	1104

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	200710	62	N	175		24.8	-15.8	-6.7	12	57	3.61	0		-15.8	-6.7		395953.85	6907816.66	1109
8042428	42616	200754	62	N	187.5		24.8	-16.1	-5.8	13	55	3.51	0		-16.1	-5.8		395958.86	6907826.6	1108
8042428	42616	200838	62	N	200		24.8	-16.3	-4.3	6	54	3.4	0		-16.3	-4.3		395962.85	6907837.93	1110
8042428	42616	200922	62	N	212.5		24.8	-17.6	-2	-8	52	3.27	0		-17.6	-2		395968.66	6907848.24	1111
8042428	42616	201006	62	N	225		24.8	-21.4	-4	0	51	3.19	0		-21.4	-4		395974.71	6907853.65	1114
8042428	42616	201022	62	N	225		24.8	-21.7	-4.2	-4	50	3.12	1					395975.68	6907854.65	1115
8042428	42616	201110	62	N	237.5		24.8	-25.8	-6	-17	47	3.12	0		-25.8	-6		395984.94	6907868.79	1115
8042428	42616	201146	62	N	250		24.8	-25.5	-2.4	-26	100	3.18	0		-25.5	-2.4		395992.48	6907875.16	1119
8042428	42616	201230	62	N	262.5		24.8	-27.6	-2.2	-17	97	3.05	0		-27.6	-2.2		396002.37	6907882.38	1121
8042428	42616	201314	62	N	275		24.8	-29.9	-2	-1	102	3.13	0		-29.9	-2		396013.17	6907895.11	1125
8042428	42616	201358	62	N	287.5		24.8	-34	-3.9	6	99	3.06	0		-34	-3.9		396017.52	6907904.82	1128
8042428	42616	201434	62	N	300		24.8	-36.7	-4.9	-7	98	3.03	0		-36.7	-4.9		396019.95	6907914.07	1131
8042428	42616	201526	62	N	312.5		24.8	-39.8	-5.6	4	100	3.09	0		-39.8	-5.6		396027.92	6907924.16	1133
8042428	42616	201606	62	N	325		24.8	-34.5	0	39	100	3.31	0		-34.5	0		396034.43	6907933.08	1136
8042428	42616	201626	62	N	325		24.8	-36.3	-0.3	19	101	3.16	1					396034.42	6907931.37	1136
8042428	42616	201710	62	N	337.5		24.8	-36.5	3.3	9	101	3.13	0		-36.5	3.3		396041.06	6907941.92	1138
8042428	42616	201750	62	N	350		24.8	-38.2	4	-20	103	3.24	0		-38.2	4		396047.11	6907951.22	1143
8042428	42616	201826	62	N	362.5		24.8	-36.6	4	31	101	3.25	0		-36.6	4		396054.18	6907962.18	1144
8042428	42616	201910	62	N	375		24.8	-43.4	3.9	-12	101	3.15	0		-43.4	3.9		396061.67	6907974.75	1147
8042428	42616	201946	62	N	387.5		24.8	-47.2	2.2	-26	98	3.12	0		-47.2	2.2		396069.17	6907981.26	1147
8042428	42616	202022	62	N	400		24.8	-52.3	-2.5	-2	104	3.2	0		-52.3	-2.5		396076.07	6907992.68	1150
8042428	42616	202102	62	N	412.5		24.8	-56.3	-5	-23	105	3.31	0		-56.3	-5		396081.35	6908000.85	1152
8042428	42616	202222	62	N	425		24.8	-61.9	-10.6	-13	108	3.35	0		-61.9	-10.6		396091.03	6908010.16	1154
8042428	42616	202246	62	N	425		24.8	-57.3	-7.6	-26	113	3.59	1					396091.41	6908012.15	1150
8042428	42616	202342	62	N	437.5		24.8	-57.3	-8.2	-36	115	3.71	0		-57.3	-8.2		396098.41	6908018.58	1156
8042428	42616	202426	62	N	450		24.8	-51	-6.5	-65	114	4.04	0		-51	-6.5		396105.57	6908024.04	1157
8042428	42616	202522	62	N	462.5		24.8	-40.7	-2.9	-91	119	4.63	0		-40.7	-2.9		396115.91	6908030.41	1160
8042428	42616	202642	62	N	475		24.8	-35.6	-1.4	-65	127	4.41	0		-35.6	-1.4		396119.92	6908041.18	1163
8042428	42616	202734	62	N	487.5		24.8	-3.6	5.7	-37	72	5.03	0		-3.6	5.7		396128.63	6908055.6	1165
8042428	42616	202814	62	N	500		24.8	8.6	5.6	2	70	4.31	0		8.6	5.6		396134.18	6908064.14	1164
8042428	42616	202846	62	N	512.5		24.8	14.3	5	22	64	4.19	0		14.3	5		396135.04	6908074.23	1163
8042428	42616	202922	62	N	525		24.8	15.8	6.2	-9	59	3.73	0		15.8	6.2		396139.52	6908084.12	1164
8042428	42616	202958	62	N	537.5		24.8	13.1	1.9	-6	54	3.35	0		13.1	1.9		396148.96	6908094.94	1166
8042428	42616	203030	62	N	550		24.8	8.8	-2.4	5	53	3.28	0		8.8	-2.4		396158.22	6908105.41	1169
8042428	42616	203102	62	N	562.5		24.8	4.4	-2.7	0	52	3.22	0		4.4	-2.7		396164.34	6908113.48	1167
8042428	42616	203134	62	N	575		24.8	0.6	-4.6	5	50	3.09	0		0.6	-4.6		396169.92	6908122.53	1170
8042428	42616	203206	62	N	587.5		24.8	-2.2	-5.1	16	48	3.12	0		-2.2	-5.1		396176.87	6908133.5	1170
8042428	42616	203246	62	N	600		24.8	-11.9	-6.6	-5	96	2.97	0		-11.9	-6.6		396185.49	6908144.83	1171
8042428	42616	203318	62	N	612.5		24.8	-17.2	-5.6	-19	96	3.04	0		-17.2	-5.6		396194.09	6908155.56	1172
8042428	42616	203334	62	N	612.5		24.8	-17.1	-6	-7	93	2.89	1					396194.38	6908155.56	1171
8042428	42616	203402	62	N	625		24.8	-18.6	-4.9	-13	94	2.93	0		-18.6	-4.9		396198.75	6908161.07	1171
8042428	42616	203438	62	N	637.5		24.8	-24.3	-5.9	-6	94	2.89	0		-24.3	-5.9		396206.41	6908172.73	1174
8042428	42616	203510	62	N	650		24.8	-29.4	-5.9	-5	94	2.92	0		-29.4	-5.9		396214.2	6908183.45	1176
8042428	42616	203554	62	N	662.5		24.8	-31.8	-2.9	-2	95	2.92	0		-31.8	-2.9		396220.66	6908191.58	1177
8042428	42616	203634	62	N	675		24.8	-34.2	-2.5	11	93	2.9	0		-34.2	-2.5		396228.41	6908201.46	1177
8042428	42616	203650	62	N	675		24.8	-35.1	-4.1	15	91	2.85	1					396228.34	6908201.41	1178
8042428	42616	203706	62	N	675		24.8	-35.1	-2.8	11	92	2.85	1					396228.1	6908201.48	1176
8042428	42616	203742	62	N	687.5		24.8	-40.5	-5.8	0	92	2.83	0		-40.5	-5.8		396236.31	6908211.77	1178
8042428	42616	203818	62	N	700		24.8	-45.6	-8.9	0	91	2.8	0		-45.6	-8.9		396242.9	6908219.33	1179
8042428	42616	203906	62	N	712.5		24.8	-48.2	-9.8	18	94	2.95	0		-48.2	-9.8		396249.76	6908228.38	1180
8042428	42616	203926	62	N	712.5		24.8	-48.5	-10	16	93	2.92	1					396249.37	6908228.66	1179
8042428	42616	204002	62	N	725		24.8	-53.6	-11.8	12	95	2.95	0		-53.6	-11.8		396254.93	6908240.81	1180
8042428	42616	204038	62	N	737.5		24.8	-50.8	-8.6	4	103	3.18	0		-50.8	-8.6		396259.5	6908250.25	1179
8042428	42616	204110	62	N	750		24.8	-41.9	-0.5	0	110	3.38	0		-41.9	-0.5		396266.52	6908259.95	1179
8042428	42616	204142	62	N	762.5		24.8	-34.5	3.9	22	105	3.32	0		-34.5	3.9		396272.56	6908270.88	1179
8042428	42616	204218	62	N	775		24.8	-33.6	6.1	23	106	3.34	0		-33.6	6.1		396279.18	6908280.33	1178
8042428	42616	204250	62	N	787.5		24.8	-34.9	5.2	20	101	3.19	0		-34.9	5.2		396285.26	6908290.52	1178
8042428	42616	204310	62	N	787.5		24.8	-33.6	4.6	39	96	3.2	1					396285.27	6908290.22	1179
8042428	42616	204358	62	N	800		24.8	-41.1	2.1	24	98	3.11	0		-41.1	2.1		396291.88	6908300.78	1178
8042428	42616	204450	62	N	812.5		24.8	-43.1	0.6	20	99	3.11	0		-43.1	0.6		396299.98	6908312.41	1178
8042428	42616	204534	62	N	825		24.8	-41.3	3.4	17	103	3.22	0		-41.3	3.4		396308.57	6908325.53	1178
8042428	42616	204614	62	N	837.5		24.8	-42.2	2.1	14	102	3.19	0		-42.2	2.1		396313.39	6908336.39	1180
8042428	42616	204646	62	N	850		24.8	-40.9	0.9	12	107	3.34	0		-40.9	0.9		396319.94	6908344.81	1182
8042428	42616	204718	62	N	862.5		24.8	-34.9	1.7	0	112	3.46	0		-34.9	1.7		396325.8	6908353.74	1182
8042428	42616	204750	62	N	875		24.8	-28.1	0	-9	115	3.56	0		-28.1	0		396333.64	6908365.39	1183
8042428	42616	204818	62	N	887.5		24.8	-22.7	-0.3	-12	117	3.63	0		-22.7	-0.3		396339.27	6908374.64	1184

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	204834	62	N	887.5		24.8	-21.9	-1.4	-15	116	3.59	1					396339.18	6908374.54	1184
8042428	42616	204906	62	N	900		24.8	-16.6	-2.4	-20	116	3.62	0			-16.6	-2.4	396346.59	6908384.37	1185
8042428	42616	204938	62	N	912.5		24.8	-10.5	-5.6	-10	120	3.72	0			-10.5	-5.6	396355.24	6908394.36	1187
8042428	42616	204954	62	N	912.5		24.8	-9.4	-3.7	-38	115	3.74	1					396355.03	6908394.45	1187
8042428	42616	205030	62	N	925		24.8	0.9	-2.9	-31	119	3.79	0			0.9	-2.9	396364.78	6908402.87	1189
8042428	42616	205106	62	N	937.5		24.8	6.1	-5.5	-14	115	3.58	0			6.1	-5.5	396371.5	6908412.64	1189
8042428	42616	205142	62	N	950		24.8	7.4	-9.1	0	114	3.51	0			7.4	-9.1	396379.59	6908421.8	1189
8042428	42616	205218	62	N	962.5		24.8	9.3	-9.9	-3	108	3.33	0			9.3	-9.9	396384.44	6908430.02	1192
8042428	42616	205250	62	N	975		24.8	11.3	-10.1	-1	103	3.16	0			11.3	-10.1	396389.38	6908441.06	1192
8042428	42616	205350	62	N	987.5		24.8	11.3	-9.9	3	105	3.26	0			11.3	-9.9	396395.36	6908450.37	1194
8042428	42616	205430	62	N	1000		24.8	11.4	-8.7	-8	102	3.16	0			11.4	-8.7	396401.91	6908459.85	1195
8042428	42616	205502	62	N	1012.5		24.8	10.7	-7.4	-32	95	3.11	0			10.7	-7.4	396410.25	6908469.25	1196
8042428	42616	205546	62	N	1025		24.8	6.8	-9	-15	100	3.11	0			6.8	-9	396417.82	6908478.63	1196
8042428	42616	205618	62	N	1037.5		24.8	6.8	-8.8	-1	96	2.96	0			6.8	-8.8	396424.91	6908487.81	1197
8042428	42616	205654	62	N	1050		24.8	2.9	-11.5	36	91	3.03	0			2.9	-11.5	396430.02	6908500.06	1198
8042428	42616	205726	62	N	1062.5		24.8	-1.5	-13.2	15	99	3.08	0			-1.5	-13.2	396434.18	6908510.69	1200
8042428	42616	205758	62	N	1075		24.8	0.2	-8.7	6	99	3.07	0			0.2	-8.7	396440.82	6908523.78	1200
8042428	42616	205834	62	N	1087.5		24.8	1.1	-6.5	-2	99	3.04	0			1.1	-6.5	396449.61	6908534.21	1201
8042428	42616	205902	62	N	1100		24.8	0.1	-7.2	4	96	2.98	0			0.1	-7.2	396455.4	6908542.65	1202
8042428	42616	205930	62	N	1112.5		24.8	-2.2	-7.6	-1	95	2.92	0			-2.2	-7.6	396461.15	6908551.84	1203
8042428	42616	210002	62	N	1125		24.8	-4	-7.6	-1	95	2.93	0			-4	-7.6	396468.93	6908562.69	1204
8042428	42616	210026	62	N	1137.5		24.8	-3.8	-7.4	0	97	2.98	0			-3.8	-7.4	396474.92	6908572.17	1205
8042428	42616	210054	62	N	1150		24.8	-3	-4.4	-3	96	2.98	0			-3	-4.4	396482.09	6908582.05	1206
8042428	42616	210122	62	N	1162.5		24.8	-5.2	-6.4	0	94	2.9	0			-5.2	-6.4	396488.97	6908591.31	1207
8042428	42616	210150	62	N	1175		24.8	-5.6	-4	-16	96	3	0			-5.6	-4	396498.62	6908602.99	1207
8042428	42616	210222	62	N	1187.5		24.8	-5.5	-3.5	-29	91	2.96	0			-5.5	-3.5	396506.41	6908611.58	1208
8042428	42616	210250	62	N	1200		24.8	-5.8	-2.5	-42	89	3.06	0			-5.8	-2.5	396516.66	6908619.92	1209
8042428	42616	210318	62	N	1212.5		24.8	-8.6	-6.4	-1	95	2.93	0			-8.6	-6.4	396522.9	6908631.1	1208
8042428	42616	210346	62	N	1225		24.8	-8.3	-3.8	1	97	3	0			-8.3	-3.8	396527.42	6908641.4	1209
8042428	42616	210418	62	N	1237.5		24.8	-6.7	-2.4	-2	96	2.98	0			-6.7	-2.4	396533.71	6908651.42	1209
8042428	42616	210442	62	N	1250		24.8	-6.3	-1.8	-16	96	2.99	0			-6.3	-1.8	396539.59	6908660.42	1209
8042428	42616	210518	62	N	1262.5		24.8	-5.8	0	-16	96	3	0			-5.8	0	396548.51	6908670.08	1210
8042428	42616	210534	62	N	1262.5		24.8	-6	-0.3	-18	97	3.05	1					396548.13	6908669.96	1211
8042428	42616	211150	64	N	1262.5		24.8	4.7	2.7	1	93	2.88	0			4.7	2.7	396626.18	6908606.79	1207
8042428	42616	211206	64	N	1262.5		24.8	4.4	1.7	-1	97	2.98	1					396626.5	6908606.89	1207
8042428	42616	211234	64	N	1262.5		24.8	4.4	2.1	11	96	2.98	1					396626.75	6908607.03	1207
8042428	42616	211310	64	N	1250		24.8	7.7	2.9	-12	94	2.93	0			7.7	2.9	396619.71	6908595.24	1208
8042428	42616	211350	64	N	1237.5		24.8	6.3	0.4	-28	96	3.08	0			6.3	0.4	396611.96	6908587.98	1205
8042428	42616	211426	64	N	1225		24.8	5.2	-1	-19	95	3	0			5.2	-1	396604.4	6908577.82	1206
8042428	42616	211458	64	N	1212.5		24.8	3.7	-3.3	-16	97	3.03	0			3.7	-3.3	396595.03	6908568.37	1206
8042428	42616	211542	64	N	1200		24.8	4.7	-3.2	-18	95	2.99	0			4.7	-3.2	396587.91	6908560.83	1205
8042428	42616	211614	64	N	1187.5		24.8	7.9	-0.6	-5	96	2.95	0			7.9	-0.6	396577.36	6908550.64	1205
8042428	42616	211714	64	N	1175		24.8	7.1	-3	-14	96	3.01	0			7.1	-3	396574.94	6908542.27	1204
8042428	42616	211746	64	N	1162.5		24.8	8.9	-3.9	-14	95	2.98	0			8.9	-3.9	396567.06	6908532.07	1203
8042428	42616	211814	64	N	1150		24.8	9.3	-3.7	8	98	3.03	0			9.3	-3.7	396560.66	6908522.51	1204
8042428	42616	211846	64	N	1137.5		24.8	9.7	-5.2	1	102	3.15	0			9.7	-5.2	396554.15	6908508.7	1202
8042428	42616	211910	64	N	1125		24.8	7.4	-8.5	10	100	3.11	0			7.4	-8.5	396549.67	6908501.05	1202
8042428	42616	211950	64	N	1112.5		24.8	13	-4.8	9	100	3.08	0			13	-4.8	396542.06	6908489.06	1201
8042428	42616	212026	64	N	1100		24.8	16	-3.1	10	97	3	0			16	-3.1	396537.16	6908478.54	1200
8042428	42616	212058	64	N	1087.5		24.8	19.6	-3	-6	99	3.05	0			19.6	-3	396529.56	6908467.41	1199
8042428	42616	212134	64	N	1075		24.8	20.3	-5.3	-4	106	3.27	0			20.3	-5.3	396518.46	6908457.13	1198
8042428	42616	212202	64	N	1062.5		24.8	19.9	-6.2	-13	106	3.31	0			19.9	-6.2	396514.26	6908450.58	1198
8042428	42616	212238	64	N	1050		24.8	20.1	-7.2	-4	106	3.29	0			20.1	-7.2	396508.98	6908443.86	1197
8042428	42616	212310	64	N	1037.5		24.8	18.2	-9.5	-8	108	3.35	0			18.2	-9.5	396502.49	6908435.23	1195
8042428	42616	212342	64	N	1025		24.8	19.6	-9.9	-10	108	3.35	0			19.6	-9.9	396494.95	6908423.9	1194
8042428	42616	212418	64	N	1012.5		24.8	21.8	-6.2	14	111	3.45	0			21.8	-6.2	396487.09	6908412.46	1192
8042428	42616	212450	64	N	1000		24.8	17.6	-7.1	0	120	3.72	0			17.6	-7.1	396479.02	6908400.15	1191
8042428	42616	212522	64	N	987.5		24.8	13.5	-6.4	-9	123	3.79	0			13.5	-6.4	396472.37	6908389.55	1193
8042428	42616	212550	64	N	975		24.8	6.3	-7.3	-4	61	3.81	0			6.3	-7.3	396465.86	6908380.31	1191
8042428	42616	212634	64	N	962.5		24.8	-0.5	-7.5	-8	60	3.75	0			-0.5	-7.5	396458.49	6908370.94	1189
8042428	42616	212710	64	N	950		24.8	-5.5	-4.5	-6	61	3.77	0			-5.5	-4.5	396450.67	6908359.93	1190
8042428	42616	212738	64	N	937.5		24.8	-8.7	-0.8	0	64	3.97	0			-8.7	-0.8	396443.67	6908350.53	1189
8042428	42616	212814	64	N	925		24.8	-18.4	-2.2	1	61	3.75	0			-18.4	-2.2	396438.44	6908341.66	1189
8042428	42616	212846	64	N	912.5		24.8	-22.7	0.5	1	59	3.65	0			-22.7	0.5	396431.52	6908329.22	1189
8042428	42616	212918	64	N	900		24.8	-24.1	3.3	0	60	3.69	0			-24.1	3.3	396425.78	6908318.78	1189
8042428	42616	212946	64	N	887.5		24.8	-23.5	6	-4	55	3.45	0			-23.5	6	396419.46	6908307.29	1189

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	213130	64	N	875		24.8	-26.1	5.5	0	55	3.39	0		-26.1	5.5		396413.07	6908296.22	1189
8042428	42616	213214	64	N	862.5		24.8	-27.1	5.2	12	54	3.42	0		-27.1	5.2		396406.83	6908287.82	1189
8042428	42616	213254	64	N	850		24.8	-24.9	5.2	14	51	3.29	0		-24.9	5.2		396401.14	6908277.51	1187
8042428	42616	213310	64	N	850		24.8	-25.9	5.4	12	51	3.26	1					396401.32	6908277.37	1187
8042428	42616	213350	64	N	837.5		24.8	-24.4	6.9	16	48	3.16	0		-24.4	6.9		396394.18	6908264.3	1186
8042428	42616	213422	64	N	825		24.8	-16.2	8.1	14	101	3.16	0		-16.2	8.1		396386.09	6908254.29	1187
8042428	42616	213438	64	N	825		24.8	-15.5	8.3	17	104	3.24	1					396386.09	6908254.48	1187
8042428	42616	213506	64	N	812.5		24.8	-10.9	11.3	41	101	3.37	0		-10.9	11.3		396378.89	6908245.21	1188
8042428	42616	213538	64	N	800		24.8	-10.3	10	46	101	3.41	0		-10.3	10		396373.34	6908235.05	1186
8042428	42616	213606	64	N	787.5		24.8	-5.7	10.2	9	107	3.32	0		-5.7	10.2		396366.15	6908225.31	1187
8042428	42616	213634	64	N	775		24.8	-4.1	9.6	19	109	3.43	0		-4.1	9.6		396359.09	6908214.24	1188
8042428	42616	213706	64	N	762.5		24.8	-3.8	8.1	20	110	3.46	0		-3.8	8.1		396349.11	6908203.52	1187
8042428	42616	213734	64	N	750		24.8	-4.4	7.1	21	116	3.63	0		-4.4	7.1		396341.48	6908194.23	1187
8042428	42616	213758	64	N	737.5		24.8	-3.6	6.2	5	119	3.67	0		-3.6	6.2		396335.43	6908186.74	1187
8042428	42616	213830	64	N	725		24.8	-8.2	4.5	17	122	3.8	0		-8.2	4.5		396326.25	6908175.82	1185
8042428	42616	213906	64	N	712.5		24.8	-18.7	-0.6	23	60	3.97	0		-18.7	-0.6		396321.27	6908166.74	1188
8042428	42616	213942	64	N	700		24.8	-30.3	-9.9	16	57	3.69	0		-30.3	-9.9		396315.79	6908156.91	1187
8042428	42616	214014	64	N	687.5		24.8	-36.7	-16.2	11	53	3.36	0		-36.7	-16.2		396308.04	6908146.84	1187
8042428	42616	214046	64	N	675		24.8	-31.5	-13.4	14	49	3.14	0		-31.5	-13.4		396301.73	6908136.41	1188
8042428	42616	214118	64	N	662.5		24.8	-25.5	-12.1	30	95	3.08	0		-25.5	-12.1		396294.85	6908126.85	1186
8042428	42616	214134	64	N	662.5		24.8	-26.1	-13.6	13	95	2.96	1					396295.07	6908127.31	1188
8042428	42616	214210	64	N	650		24.8	-20.6	-11.1	22	94	2.98	0		-20.6	-11.1		396288.17	6908116.18	1187
8042428	42616	214246	64	N	637.5		24.8	-14.5	-7.6	6	93	2.87	0		-14.5	-7.6		396280.24	6908106.63	1186
8042428	42616	214314	64	N	625		24.8	-9.8	-6.2	13	94	2.93	0		-9.8	-6.2		396273.17	6908096.72	1186
8042428	42616	214342	64	N	612.5		24.8	-3.8	-3.4	17	95	2.99	0		-3.8	-3.4		396266.82	6908087.63	1187
8042428	42616	214422	64	N	600		24.8	2	-1.9	9	96	2.97	0		2	-1.9		396258.44	6908076.59	1183
8042428	42616	214458	64	N	587.5		24.8	5.8	-3.1	-9	95	2.95	0		5.8	-3.1		396251.2	6908065.87	1187
8042428	42616	214534	64	N	575		24.8	10.8	0.3	20	98	3.1	0		10.8	0.3		396244.25	6908058.38	1183
8042428	42616	214618	64	N	562.5		24.8	16	3.9	32	100	3.26	0		16	3.9		396236.58	6908046.95	1180
8042428	42616	214702	64	N	550		24.8	21.6	6.3	19	109	3.42	0		21.6	6.3		396230.1	6908036.65	1176
8042428	42616	214734	64	N	537.5		24.8	23.7	7.8	27	116	3.67	0		23.7	7.8		396225.34	6908028.52	1177
8042428	42616	214858	64	N	525		24.8	24.9	11.9	6	127	3.93	0		24.9	11.9		396217.45	6908015.94	1175
8042428	42616	214930	64	N	512.5		24.8	2.9	7.6	-14	79	4.94	0		2.9	7.6		396210.29	6908004.64	1172
8042428	42616	215042	64	N	500		24.8	-14.2	1.1	-19	81	5.12	0		-14.2	1.1		396203.41	6908001.38	1171
8042428	42616	215058	64	N	500		24.8	-14	1.3	-16	81	5.12	1					396203.19	6908000.63	1174
8042428	42616	215142	64	N	487.5		24.8	-51.8	-10	-9	64	4.02	0		-51.8	-10		396195.67	6907988.65	1169
8042428	42616	215214	64	N	475		24.8	-58.2	-10.2	4	56	3.47	0		-58.2	-10.2		396188.84	6907979.74	1167
8042428	42616	215250	64	N	462.5		24.8	-64.5	-11.4	0	49	3.05	0		-64.5	-11.4		396183.73	6907968.56	1164
8042428	42616	215442	64	N	450		24.8	-56	-8.5	6	97	3.01	0		-56	-8.5		396173.79	6907961.49	1166
8042428	42616	215458	64	N	450		24.8	-54.8	-7.6	9	101	3.13	1					396173.18	6907959.89	1167
8042428	42616	215534	64	N	437.5		24.8	-53.8	-7.9	8	92	2.85	0		-53.8	-7.9		396168.96	6907950.79	1159
8042428	42616	215550	64	N	437.5		24.8	-54.9	-8.3	10	92	2.85	1					396170.02	6907949.48	1165
8042428	42616	215618	64	N	425		24.8	-50.2	-5.1	9	91	2.84	0		-50.2	-5.1		396162.9	6907941.08	1161
8042428	42616	215634	64	N	425		24.8	-50.3	-5.4	5	91	2.83	1					396162.92	6907940.21	1159
8042428	42616	215702	64	N	412.5		24.8	-45	-2.7	-2	90	2.79	0		-45	-2.7		396157.46	6907926.25	1152
8042428	42616	215734	64	N	400		24.8	-40.6	-0.8	7	91	2.83	0		-40.6	-0.8		396148.84	6907922.15	1151
8042428	42616	215814	64	N	387.5		24.8	-34.6	2.3	6	88	2.71	0		-34.6	2.3		396140.4	6907910.23	1150
8042428	42616	215846	64	N	375		24.8	-32.3	4.9	23	86	2.75	0		-32.3	4.9		396135.1	6907900.75	1147
8042428	42616	215902	64	N	375		24.8	-31.5	3.6	6	89	2.75	1					396135.08	6907901.56	1144
8042428	42616	215918	64	N	375		24.8	-30.1	4.4	0	92	2.84	1					396134.91	6907900.99	1145
8042428	42616	215942	64	N	362.5		24.8	-27.5	7.4	22	86	2.76	0		-27.5	7.4		396130.12	6907891.03	1144
8042428	42616	220014	64	N	350		24.8	-21.5	9.6	13	91	2.83	0		-21.5	9.6		396124.61	6907879.41	1136
8042428	42616	220050	64	N	337.5		24.8	-18.1	10	14	94	2.94	0		-18.1	10		396116.56	6907871.62	1138
8042428	42616	220146	64	N	325		24.8	-23.1	1.3	3	97	3	0		-23.1	1.3		396111.48	6907858.03	1134
8042428	42616	220214	64	N	312.5		24.8	-26	-3.3	7	93	2.89	0		-26	-3.3		396105.38	6907847.33	1131
8042428	42616	220258	64	N	300		24.8	-21.8	-2.9	-30	86	2.81	0		-21.8	-2.9		396096.87	6907841.88	1128
8042428	42616	220322	64	N	300		24.8	-23.4	-2	-2	94	2.89	1					396097.07	6907841.26	1129
8042428	42616	220350	64	N	287.5		24.8	-21.6	-2.1	1	90	2.77	0		-21.6	-2.1		396088.22	6907832.01	1128
8042428	42616	220426	64	N	275		24.8	-18.8	-1.2	9	94	2.91	0		-18.8	-1.2		396080.53	6907823.23	1128
8042428	42616	220522	64	N	262.5		24.8	-25.8	-11.3	23	92	2.91	0		-25.8	-11.3		396074.7	6907814.4	1124
8042428	42616	220606	64	N	250		24.8	-20.2	-8.4	26	85	2.76	0		-20.2	-8.4		396068.23	6907802.86	1119
8042428	42616	220642	64	N	237.5		24.8	-11	-2.1	28	86	2.8	0		-11	-2.1		396059.5	6907792.05	1122
8042428	42616	220702	64	N	237.5		24.8	-13	-2.8	30	85	2.78	1					396061.11	6907792.87	1119
8042428	42616	220746	64	N	225		24.8	-12.7	-5.4	21	91	2.89	0		-12.7	-5.4		396054.58	6907783.9	1117
8042428	42616	220822	64	N	212.5		24.8	-11.3	-5.7	34	87	2.9	0		-11.3	-5.7		396050.75	6907774.12	1114
8042428	42616	220858	64	N	200		24.8	-7.6	-5.3	10	95	2.94	0		-7.6	-5.3		396044.68	6907764.66	1110

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	220934	64	N	187.5		24.8	-5.4	-4.5	13	97	3.01	0		-5.4	-4.5		396037.66	6907753.38	1112
8042428	42616	221006	64	N	175		24.8	-4.8	-4.4	18	96	3.02	0		-4.8	-4.4		396031.28	6907743.17	1108
8042428	42616	221038	64	N	162.5		24.8	-4.8	-5.2	19	98	3.09	0		-4.8	-5.2		396020.96	6907735.42	1105
8042428	42616	221126	64	N	150		24.8	-4.1	-5.3	24	100	3.17	0		-4.1	-5.3		396017.29	6907728.28	1102
8042428	42616	221214	64	N	137.5		24.8	-4	-6.5	12	104	3.23	0		-4	-6.5		396009.52	6907718.39	1102
8042428	42616	221258	64	N	125		24.8	-3.8	-8	6	104	3.22	0		-3.8	-8		396001.98	6907701.61	1097
8042428	42616	221318	64	N	125		24.8	-4.6	-7.4	27	101	3.23	1					396001.2	6907700.53	1099
8042428	42616	221354	64	N	112.5		24.8	-6.4	-9.3	15	104	3.24	0		-6.4	-9.3		395995.38	6907691.02	1094
8042428	42616	221422	64	N	100		24.8	-8.2	-11	11	102	3.17	0		-8.2	-11		395989.9	6907683.91	1091
8042428	42616	221502	64	N	87.5		24.8	-9.1	-10.6	21	103	3.23	0		-9.1	-10.6		395979.97	6907678.94	1089
8042428	42616	221526	64	N	75		24.8	-7.2	-9.5	20	99	3.13	0		-7.2	-9.5		395974.55	6907669.76	1087
8042428	42616	221610	64	N	62.5		24.8	-8	-9.1	19	104	3.27	0		-8	-9.1		395967.74	6907660.43	1084
8042428	42616	221642	64	N	50		24.8	-15.2	-12.5	10	103	3.18	0		-15.2	-12.5		395962.06	6907650.02	1081
8042428	42616	221730	64	N	37.5		24.8	-15.8	-12.6	6	102	3.15	0		-15.8	-12.6		395953.74	6907640.11	1078
8042428	42616	221754	64	N	37.5		24.8	-15.4	-11.3	33	100	3.25	1					395953.62	6907639.11	1078
8042428	42616	221838	64	N	25		24.8	-14.3	-10.7	-5	101	3.13	0		-14.3	-10.7		395943.25	6907631.32	1075
8042428	42616	221918	64	N	12.5		24.8	-13.9	-8.9	6	100	3.08	0		-13.9	-8.9		395937.66	6907622.12	1072
8042428	42616	221934	64	N	12.5		24.8	-14	-8.2	16	103	3.21	1					395938.13	6907622.95	1072
8042428	42616	230654	66	N	0		24.8	0.7	-0.8	7	118	3.63	0		0.7	-0.8		396661.26	6908407.36	1198
8042428	42616	230710	66	N	0		24.8	0.1	-0.7	7	118	3.65	1					396661.04	6908407.24	1197
8042428	42616	230726	66	N	0		24.8	0.8	-0.8	7	120	3.7	1					396660.78	6908407.44	1197
8042428	42616	230802	66	N	12.5		24.8	-2.4	-2.5	-7	119	3.69	0		-2.4	-2.5		396667.07	6908419.98	1197
8042428	42616	230834	66	N	25		24.8	-1.4	-1.3	-31	118	3.76	0		-1.4	-1.3		396675.81	6908428.77	1199
8042428	42616	230850	66	N	25		24.8	-1	-1.6	-29	119	3.78	1					396676.44	6908428.8	1199
8042428	42616	230922	66	N	37.5		24.8	3.7	2.6	-21	122	3.81	0		3.7	2.6		396684.41	6908437.52	1200
8042428	42616	230954	66	N	50		24.8	5.6	4.7	-12	57	3.64	0		5.6	4.7		396693.2	6908444.74	1201
8042428	42616	231026	66	N	62.5		24.8	4.1	3	-1	57	3.52	0		4.1	3		396702.29	6908455.18	1204
8042428	42616	231042	66	N	62.5		24.8	3.3	2.7	-5	58	3.58	1					396702.66	6908455.52	1204
8042428	42616	231114	66	N	75		24.8	2.4	3.5	-4	58	3.63	0		2.4	3.5		396710.45	6908465.87	1204
8042428	42616	231146	66	N	87.5		24.8	3.9	5.7	-6	58	3.61	0		3.9	5.7		396718.44	6908476.08	1203
8042428	42616	231218	66	N	100		24.8	3.4	6.3	-2	58	3.59	0		3.4	6.3		396724.02	6908483.47	1204
8042428	42616	231250	66	N	112.5		24.8	0.3	5.1	-4	55	3.42	0		0.3	5.1		396731.44	6908493	1203
8042428	42616	231326	66	N	125		24.8	-0.9	6.3	-2	54	3.36	0		-0.9	6.3		396739.53	6908503.82	1204
8042428	42616	231358	66	N	137.5		24.8	-2.3	8.9	-2	53	3.26	0		-2.3	8.9		396746.17	6908515.38	1204
8042428	42616	231430	66	N	150		24.8	-6	4.7	26	46	3.29	0		-6	4.7		396752.74	6908526.2	1204
8042428	42616	231458	66	N	162.5		24.8	-12.4	4.7	36	101	3.3	0		-12.4	4.7		396755.95	6908536.28	1204
8042428	42616	231530	66	N	175		24.8	-16.1	4.9	34	102	3.33	0		-16.1	4.9		396759.97	6908548.91	1204
8042428	42616	231610	66	N	187.5		24.8	-22.8	5	7	104	3.22	0		-22.8	5		396770.27	6908557.89	1205
8042428	42616	231654	66	N	200		24.8	-26.9	4.8	-8	103	3.19	0		-26.9	4.8		396777.83	6908566.52	1205
8042428	42616	231726	66	N	212.5		24.8	-33.5	1	-5	104	3.21	0		-33.5	1		396786.18	6908576.76	1205
8042428	42616	231758	66	N	225		24.8	-36.9	0.5	-14	107	3.33	0		-36.9	0.5		396792.77	6908585.24	1205
8042428	42616	231826	66	N	237.5		24.8	-41.3	0.2	-13	107	3.32	0		-41.3	0.2		396800.68	6908594.24	1205
8042428	42616	231858	66	N	250		24.8	-42.5	-0.1	-17	112	3.5	0		-42.5	-0.1		396808.59	6908603.87	1204
8042428	42616	231934	66	N	262.5		24.8	-39.4	4.5	-27	120	3.8	0		-39.4	4.5		396816.06	6908612.22	1205
8042428	42616	232006	66	N	275		24.8	-36.5	6.2	-15	120	3.72	0		-36.5	6.2		396825.63	6908621.78	1206
8042428	42616	232038	66	N	287.5		24.8	-38.3	3.4	-9	123	3.82	0		-38.3	3.4		396835.58	6908632.74	1206
8042428	42616	232110	66	N	300		24.8	-40.2	-6.1	-9	67	4.17	0		-40.2	-6.1		396845.68	6908643.27	1206
8042428	42616	232218	66	N	312.5		24.8	-37	-10.7	4	72	4.48	0		-37	-10.7		396851.19	6908653.52	1207
8042428	42616	232258	66	N	325		24.8	-16.5	-3.9	-12	80	5.02	0		-16.5	-3.9		396859.02	6908662.13	1206
8042428	42616	232322	66	N	337.5		24.8	3.2	2.2	4	79	4.89	0		3.2	2.2		396864.64	6908668.17	1206
8042428	42616	232338	66	N	337.5		24.8	3.2	1.6	0	80	4.93	1					396864.54	6908668.2	1206
8042428	42616	232414	66	N	350		24.8	11.9	-0.3	11	77	4.81	0		11.9	-0.3		396869.59	6908680.47	1205
8042428	42616	232442	66	N	362.5		24.8	26.8	4.4	-1	74	4.59	0		26.8	4.4		396875.21	6908690.73	1205
8042428	42616	232514	66	N	375		24.8	32.3	4.1	-5	62	3.85	0		32.3	4.1		396883.51	6908701.12	1205
8042428	42616	232546	66	N	387.5		24.8	31.4	3.3	-9	56	3.52	0		31.4	3.3		396888.81	6908710.15	1205
8042428	42616	232614	66	N	400		24.8	26.3	-0.1	-4	54	3.36	0		26.3	-0.1		396895.84	6908717.21	1205
8042428	42616	232646	66	N	412.5		24.8	21.1	-2.3	-9	52	3.29	0		21.1	-2.3		396904.57	6908725.66	1206
8042428	42616	232714	66	N	425		24.8	16.2	-5	-5	50	3.11	0		16.2	-5		396912.92	6908733.41	1206
8042428	42616	232730	66	N	425		24.8	16	-5.6	-7	52	3.25	1					396913.06	6908733.55	1205
8042428	42616	232758	66	N	437.5		24.8	9.9	-7.1	-9	51	3.19	0		9.9	-7.1		396921.39	6908743.18	1204
8042428	42616	232822	66	N	450		24.8	3.6	-9.5	-14	50	3.24	0		3.6	-9.5		396929.03	6908750.98	1205
8042428	42616	232906	66	N	462.5		24.8	-5.6	-14.5	-13	52	3.33	0		-5.6	-14.5		396938.08	6908762.67	1205
8042428	42616	232934	66	N	475		24.8	-10.6	-16	-17	55	3.57	0		-10.6	-16		396946.15	6908771.85	1205
8042428	42616	233002	66	N	487.5		24.8	-3.4	-7.4	-13	59	3.74	0		-3.4	-7.4		396954.23	6908780.24	1205
8042428	42616	233034	66	N	500		24.8	-2.7	-6.4	-7	60	3.73	0		-2.7	-6.4		396962.67	6908790.87	1204
8042428	42616	233054	66	N	500		24.8	-3.3	-6.6	-4	62	3.86	1					396962.93	6908790.78	1204

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z	
8042428	42616	233134	66	N	512.5		24.8	-0.7	-5.8	-4	58	3.62	0		-0.7	-5.8		396972.27	6908804.74	1203	
8042428	42616	233206	66	N	525		24.8	0	-7.5	19	59	3.83	0		0	-7.5		396978.14	6908816.43	1202	
8042428	42616	233230	66	N	537.5		24.8	0	-6.3	7	59	3.7	0		0	-6.3		396980.42	6908821.73	1202	
8042428	42616	233302	66	N	550		24.8	-0.6	-6.9	-7	56	3.53	0			-0.6	-6.9		396985.58	6908830.23	1202
8042428	42616	233322	66	N	550		24.8	-0.2	-7.4	-3	58	3.59	1						396985.74	6908830.1	1202
8042428	42616	233906	68	N	550		24.8	9.5	-4.8	5	50	3.14	0		9.5	-4.8		397062.13	6908790.78	1214	
8042428	42616	233926	68	N	550		24.8	9.2	-4.6	5	51	3.21	1					397062.35	6908790.69	1214	
8042428	42616	234018	68	N	550		24.8	9	-5.7	0	52	3.19	1					397062.17	6908790.56	1214	
8042428	42616	234306	68	N	537.5		24.8	12.6	-3.8	2	52	3.24	0		12.6	-3.8		397054.02	6908779.25	1214	
8042428	42616	234438	68	N	525		24.8	17.2	1.2	9	52	3.28	0		17.2	1.2		397046.87	6908770.97	1213	
8042428	42616	234510	68	N	512.5		24.8	21.8	4.6	0	54	3.34	0		21.8	4.6		397038.79	6908761.89	1214	
8042428	42616	234538	68	N	500		24.8	18.9	2.4	0	55	3.39	0		18.9	2.4		397031.75	6908752.66	1214	
8042428	42616	234554	68	N	487.5		24.8	20.9	2.6	-5	55	3.4	0		20.9	2.6		397031.1	6908752.12	1214	
8042428	42616	234634	68	N	475		24.8	18.2	0.7	-4	55	3.41	0		18.2	0.7		397025.15	6908742.04	1214	
8042428	42616	234718	68	N	462.5		24.8	12	-4.1	-5	57	3.52	0		12	-4.1		397016.73	6908731.43	1214	
8042428	42616	234746	68	N	450		24.8	9.1	-6.9	-4	53	3.29	0		9.1	-6.9		397009.13	6908721.77	1214	
8042428	42616	234814	68	N	437.5		24.8	7.1	-8.4	-1	54	3.36	0		7.1	-8.4		397002.26	6908712.47	1214	
8042428	42616	234842	68	N	425		24.8	7.3	-10.2	-3	51	3.19	0		7.3	-10.2		396993.71	6908702.29	1214	
8042428	42616	234910	68	N	412.5		24.8	8.2	-12.4	0	49	3.06	0		8.2	-12.4		396986.36	6908693.6	1216	
8042428	42616	234938	68	N	400		24.8	12.5	-13.2	0	100	3.07	0		12.5	-13.2		396978.76	6908685.12	1216	
8042428	42616	235006	68	N	387.5		24.8	17.2	-12.3	-6	94	2.91	0		17.2	-12.3		396971.06	6908675.14	1215	
8042428	42616	235022	68	N	387.5		24.8	17.5	-12.3	-9	95	2.96	1					396970.93	6908675.1	1215	
8042428	42616	235046	68	N	375		24.8	-3.1	3.4	-4	16	0.52	0		-3.1	3.4		396962.78	6908664.78	1215	
8042428	42616	235110	68	N	362.5		24.8	0.2	-1.4	-1	34	0.53	0		0.2	-1.4		396955.4	6908653.79	1215	
8042428	42616	235130	68	N	362.5		24.8	1.6	-2.8	-21	92	0.72	1					396955.36	6908653.44	1214	
8042428	42616	235546	68	N	362.5		24.8	49.1	-19.7	33	127	2.03	1					396955.13	6908652.3	1213	
8042428	42616	235602	68	N	362.5		24.8	25.4	-10.6	30	98	3.15	1					396955.26	6908652.17	1213	
8042428	42616	235650	68	N	350		24.8	30	-11	6	101	3.13	0		30	-11		396948.71	6908643.95	1213	
8042428	42616	235718	68	N	337.5		24.8	34.8	-7.5	13	105	3.27	0		34.8	-7.5		396941.78	6908636.32	1213	
8042428	42616	235758	68	N	325		24.8	39.6	-2.4	-9	110	3.4	0		39.6	-2.4		396934.17	6908624.64	1212	
8042428	42616	235834	68	N	312.5		24.8	36.3	-1.1	-4	121	3.75	0		36.3	-1.1		396925.11	6908617.78	1211	
8042428	42616	235906	68	N	300		24.8	26.2	-1.7	28	127	4.02	0		26.2	-1.7		396918.19	6908609.32	1211	
8042428	42616	235938	68	N	287.5		24.8	18.8	2.5	19	66	4.25	0		18.8	2.5		396911.73	6908601.02	1210	
8042428	42616	14	68	N	275		24.8	10.7	3.3	3	69	4.3	0		10.7	3.3		396903.74	6908589.04	1209	
8042428	42616	42	68	N	275		24.8	15	3.2	17	68	4.35	1					396907.11	6908586.05	1210	
8042428	42616	130	68	N	262.5		24.8	-6.8	-0.6	8	74	4.58	0		-6.8	-0.6		396899.58	6908575.52	1210	
8042428	42616	206	68	N	250		24.8	-25.8	-1.7	1	69	4.28	0		-25.8	-1.7		396891.49	6908566.82	1210	
8042428	42616	234	68	N	237.5		24.8	-33.2	-4	-5	63	3.91	0		-33.2	-4		396882.13	6908556.36	1210	
8042428	42616	305	68	N	225		24.8	-38.2	-6.6	1	54	3.37	0		-38.2	-6.6		396875.64	6908546.38	1210	
8042428	42616	338	68	N	212.5		24.8	-32.6	-1.5	3	49	3.05	0		-32.6	-1.5		396866.76	6908531.15	1209	
8042428	42616	410	68	N	200		24.8	-23.8	3	21	98	3.09	0		-23.8	3		396861.88	6908523.73	1209	
8042428	42616	446	68	N	187.5		24.8	-15.8	8.8	12	99	3.08	0		-15.8	8.8		396854.75	6908513.27	1209	
8042428	42616	510	68	N	175		24.8	-12.4	7.9	11	99	3.06	0		-12.4	7.9		396849.8	6908506.65	1209	
8042428	42616	534	68	N	162.5		24.8	-9.9	8.2	17	96	3.01	0		-9.9	8.2		396844.07	6908497.96	1210	
8042428	42616	602	68	N	150		24.8	-3.8	11.5	22	98	3.09	0		-3.8	11.5		396837.41	6908487.88	1209	
8042428	42616	630	68	N	137.5		24.8	0	11.6	8	96	2.98	0		0	11.6		396831.38	6908476.51	1207	
8042428	42616	702	68	N	125		24.8	7.5	14.3	4	100	3.1	0		7.5	14.3		396821.99	6908465.39	1206	
8042428	42616	730	68	N	112.5		24.8	13.1	16.5	-1	100	3.1	0		13.1	16.5		396813.84	6908453.71	1207	
8042428	42616	754	68	N	100		24.8	12.5	13.3	-4	110	3.39	0		12.5	13.3		396807.73	6908445.04	1206	
8042428	42616	818	68	N	87.5		24.8	6	5.5	2	109	3.38	0		6	5.5		396801.72	6908437.45	1207	
8042428	42616	846	68	N	75		24.8	7	6.3	-15	112	3.49	0		7	6.3		396792.4	6908427.64	1205	
8042428	42616	918	68	N	62.5		24.8	5	4.7	-5	113	3.49	0		5	4.7		396783.63	6908417.95	1207	
8042428	42616	946	68	N	50		24.8	3.2	4.2	4	113	3.49	0		3.2	4.2		396776.36	6908408.14	1207	
8042428	42616	1018	68	N	37.5		24.8	-0.5	1.5	-4	110	3.39	0		-0.5	1.5		396767.74	6908395.6	1207	
8042428	42616	1106	68	N	25		24.8	-1.7	1.7	-4	112	3.44	0		-1.7	1.7		396764.31	6908390.27	1208	
8042428	42616	1158	68	N	12.5		24.8	-7.2	-2.2	1	111	3.42	0		-7.2	-2.2		396756.32	6908380.5	1210	
8042428	42616	1226	68	N	0		24.8	-11	-5.7	-22	105	3.32	0		-11	-5.7		396750.7	6908370.17	1208	
8042428	42616	1254	68	N	-12.50		24.8	-9.4	-5.8	-28	95	3.07	0		-9.4	-5.8		396741.26	6908361.68	1205	
8042428	42616	1350	68	N	-25.00		24.8	-4.7	-2.9	-20	94	2.97	0		-4.7	-2.9		396737.18	6908350.07	1206	
8042428	42616	1406	68	N	-25.00		24.8	-4.3	-2	-20	92	2.91	1					396737.2	6908350.23	1207	
8042428	42616	1426	68	N	-25.00		24.8	-4.8	-2.8	-16	94	2.94	1					396737.07	6908350.36	1207	
1124844	42616	163346	57	N	462.5		24.8	66.9	-82.1	-15	10	0.28	0		66.9	-82.1		395885.67	6908239.93	1170	
1124844	42616	163406	57	N	462.5		24.8	57.3	-76.3	-29	23	0.29	1					395885.56	6908239.95	1170	
1124844	42616	163454	57	N	475		24.8	72.4	-80.9	-127	92	0.6	0		72.4	-80.9		395890.56	6908251.65	1171	
1124844	42616	163530	57	N	487.5		24.8	78.8	-80.8	-127	93	1.21	0		78.8	-80.8		395897.21	6908263.11	1172	
1124844	42616	163610	57	N	500		24.8	67.3	-80	-127	95	2.45	0		67.3	-80		395902.66	6908273.93	1173	

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	163650	57	N	512.5		24.8	-1.2	-2.9	19	90	2.84	0		-1.2	-2.9		395910.63	6908281.94	1175
1124844	42616	163750	57	N	525		24.8	-6	-3.1	21	79	2.52	0		-6	-3.1		395917.18	6908293.01	1177
1124844	42616	163830	57	N	537.5		24.8	69.9	-81.9	-8	5	0.29	0		69.9	-81.9		395926.09	6908302.4	1179
1124844	42616	163914	57	N	550		24.8	66.4	-78.3	-15	11	0.29	0		66.4	-78.3		395931.71	6908314.86	1180
1124844	42616	163934	57	N	550		24.8	68.5	-80.3	-127	94	1.22	1					395931.24	6908313.54	1181
1124844	42616	163958	57	N	550		24.8	77.2	-80.9	-127	92	2.43	1					395930.9	6908313.76	1182
1124844	42616	164050	57	N	562.5		24.8	-7.8	-1	18	84	2.66	0		-7.8	-1		395938.7	6908322.99	1183
1124844	42616	164142	57	N	575		24.8	-16.7	-1	45	75	2.71	0		-16.7	-1		395946.44	6908333.05	1183
1124844	42616	164242	57	N	587.5		24.8	-29	-5.1	32	74	2.5	0		-29	-5.1		395954.03	6908343.69	1186
1124844	42616	164358	57	N	600		24.8	69.4	-81	-8	5	0.29	0		69.4	-81		395960.9	6908357.38	1187
1124844	42616	164538	57	N	612.5		24.8	-21.2	3.4	80	97	1.94	0		-21.2	3.4		395960.52	6908357.08	1190
1124844	42616	164606	57	N	612.5		24.8	-16.5	5.1	88	97	2.01	1					395960.48	6908357.11	1190
1124844	42616	164746	57	N	612.5		24.8	-25.9	1.4	87	97	2.01	1					395960.49	6908357.11	1189
1124844	42616	165058	57	N	625		24.8	-37.2	-8.8	55	97	1.72	0		-37.2	-8.8		395972.25	6908367.04	1189
1124844	42616	165506	57	N	625		24.8	-26.3	0.6	45	79	2.82	1					395971.89	6908368.21	1188
1124844	42616	165754	57	N	637.5		24.8	-26.7	-2.8	12	88	2.76	0		-26.7	-2.8		395977.9	6908376.43	1190
1124844	42616	165922	57	N	650		24.8	-36.3	-7.2	11	86	2.67	0		-36.3	-7.2		395985.52	6908392.74	1192
1124844	42616	170002	57	N	662.5		24.8	-37	-7	17	88	2.78	0		-37	-7		395992.99	6908399.7	1194
1124844	42616	170042	57	N	675		24.8	-41.1	-6.8	19	90	2.85	0		-41.1	-6.8		395998.85	6908408.87	1195
1124844	42616	170138	57	N	687.5		24.8	-38.8	-0.1	21	93	2.93	0		-38.8	-0.1		396008.73	6908418.14	1196
1124844	42616	170214	57	N	700		24.8	-41.2	0.1	22	91	2.9	0		-41.2	0.1		396017.05	6908427.88	1198
1124844	42616	170322	57	N	712.5		24.8	-46.5	-3.4	26	92	2.95	0		-46.5	-3.4		396023.87	6908440.44	1203
1124844	42616	170358	57	N	725		24.8	-56.6	-9.1	7	94	2.91	0		-56.6	-9.1		396028.43	6908448.77	1203
1124844	42616	170450	57	N	737.5		24.8	-62	-11.1	16	97	3.04	0		-62	-11.1		396034.37	6908462.14	1203
1124844	42616	170538	57	N	750		24.8	-57.2	-9	5	97	3.01	0		-57.2	-9		396041.08	6908474.32	1203
1124844	42616	170622	57	N	762.5		24.8	-34	5.5	0	97	3	0		-34	5.5		396049.18	6908486.78	1205
1124844	42616	170654	57	N	775		24.8	-31.1	3.5	8	97	3.02	0		-31.1	3.5		396056.53	6908494.41	1205
1124844	42616	170742	57	N	787.5		24.8	-14.2	10.8	-6	97	3.01	0		-14.2	10.8		396064.92	6908507.03	1204
1124844	42616	170914	57	N	800		24.8	-11.3	7.5	-13	97	3.03	0		-11.3	7.5		396072.84	6908518.285	1204.75
1124844	42616	170954	57	N	812.5		24.8	-0.8	12	-21	97	3.07	0		-0.8	12		396080.76	6908529.54	1205.5
1124844	42616	171030	57	N	825		24.8	-3.6	7.4	25	97	3.1	0		-3.6	7.4		396088.68	6908540.795	1206.25
1124844	42616	171138	57	N	837.5		24.8	-5.9	2.3	-7	97	3.01	0		-5.9	2.3		396096.6	6908552.05	1207
1124844	42616	171214	57	N	850		24.8	-16.7	-11	-2	94	2.9	0		-16.7	-11		396104.52	6908563.305	1207.75
1124844	42616	171246	57	N	862.5		24.8	-10.6	-6.8	-6	97	3.01	0		-10.6	-6.8		396112.44	6908574.56	1208.5
1124844	42616	171322	57	N	875		24.8	-23.7	-17.2	3	91	2.82	0		-23.7	-17.2		396120.36	6908585.815	1209.25
1124844	42616	171358	57	N	887.5		24.8	-20.8	-13.6	39	97	3.22	0		-20.8	-13.6		396128.28	6908597.07	1210
1124844	42616	171446	57	N	900		24.8	-17.5	-19.1	9	97	3	0		-17.5	-19.1		396136.2	6908608.325	1210.75
1124844	42616	171534	57	N	912.5		24.8	-8.7	-19.4	-21	97	3.07	0		-8.7	-19.4		396144.12	6908619.58	1211.5
1124844	42616	171622	57	N	925		24.8	-0.1	-13.5	37	97	3.22	0		-0.1	-13.5		396152.04	6908630.835	1212.25
1124844	42616	171702	57	N	937.5		24.8	9.5	-16	21	97	3.07	0		9.5	-16		396159.96	6908642.09	1213
1124844	42616	171818	57	N	950		24.8	6.7	-15.4	26	82	2.67	0		6.7	-15.4		396167.88	6908653.345	1213.75
1124844	42616	171858	57	N	962.5		24.8	-11	-25	17	70	2.22	0		-11	-25		396175.8	6908664.6	1214.5
1124844	42616	171950	57	N	975		24.8	62.8	-78.6	-7	5	0.28	0		62.8	-78.6		396183.72	6908675.855	1215.25
1124844	42616	172134	57	N	975		24.8	37.4	-23	25	97	1.55	1					396191.64	6908687.11	1216
1124844	42616	172226	57	N	987.5		24.8	32.3	-21.6	47	97	1.66	0		32.3	-21.6		396199.56	6908698.365	1216.75
1124844	42616	172302	57	N	1000		24.8	36.3	-21.8	-3	97	1.5	0		36.3	-21.8		396207.48	6908709.62	1217.5
1124844	42616	172338	57	N	1012.5		24.8	43.1	-13.6	16	97	1.52	0		43.1	-13.6		396215.4	6908720.875	1218.25
1124844	42616	172410	57	N	1025		24.8	36.2	-13.1	-7	97	1.5	0		36.2	-13.1		396223.32	6908732.13	1219
1124844	42616	172450	57	N	1037.5		24.8	38.5	-11.3	-38	97	1.61	0		38.5	-11.3		396231.24	6908743.385	1219.75
1124844	42616	172522	57	N	1050		24.8	37.1	-6.2	-12	97	1.51	0		37.1	-6.2		396239.16	6908754.64	1220.5
1124844	42616	175254	57	N	1062.5		24.8	0.1	-15.7	1	68	2.12	0		0.1	-15.7		396247.08	6908765.895	1221.25
1124844	42616	175326	57	N	1075		24.8	-14	-19	4	57	1.78	0		-14	-19		396255	6908777.15	1222
1124844	42616	175414	57	N	1100		24.8	8.6	-5.7	-8	74	2.29	0		8.6	-5.7		396266.85	6908795.39	1223
1124844	42616	175454	57	N	1112.5		24.8	16.3	4	5	87	2.7	0		16.3	4		396274.92	6908804.65	1222
1124844	42616	175530	57	N	1125		24.8	14.2	2.1	-12	84	2.61	0		14.2	2.1		396282.42	6908816.94	1220
1124844	42616	175602	57	N	1137.5		24.8	22	-26	5	79	2.45	0		22	-26		396290.34	6908828.07	1217
1124844	42616	175726	57	N	1150		24.8	-10.4	-4.3	19	67	2.15	0		-10.4	-4.3		396297.73	6908837.31	1213
1124844	42616	175750	57	N	1150		24.8	-13.3	-6.1	14	59	1.87	1					396297.68	6908837.2	1213
1124844	42616	175822	57	N	1150		24.8	-11.8	-6.3	10	66	2.08	1					396297.49	6908836.82	1214
1124844	42616	181110	59	N	1200		24.8	3.4	2.2	14	98	3.04	0		3.4	2.2		396420.39	6908750.75	1215
1124844	42616	181158	59	N	1187.5		24.8	-3.3	-2.1	18	97	3.04	0		-3.3	-2.1		396420.48	6908750.77	1215
1124844	42616	181218	59	N	1187.5		24.8	-3.4	-2.4	18	97	3.05	1					396420.52	6908750.77	1215
1124844	42616	181354	59	N	1200		24.8	-2.6	-0.3	60	94	3.45	0		-2.6	-0.3		396410.01	6908738.45	1217
1124844	42616	181446	59	N	1212.5		24.8	3.5	7	38	97	3.23	0		3.5	7		396403.8	6908725.32	1216
1124844	42616	181522	59	N	1225		24.8	8.4	9.9	10	98	3.03	0		8.4	9.9		396398.74	6908715.97	1214
1124844	42616	181554	59	N	1237.5		24.8	10.2	11.4	22	98	3.09	0		10.2	11.4		396391.9	6908704.38	1214

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	181630	59	N	1250		24.8	9.6	11.7	12	95	2.96	0		9.6	11.7		396386.06	6908693.64	1213
1124844	42616	181702	59	N	1262.5		24.8	9.4	11.9	4	96	2.97	0		9.4	11.9		396378.41	6908683.02	1213
1124844	42616	181746	59	N	1275		24.8	6.4	9.1	12	94	2.93	0		6.4	9.1		396369.75	6908674.85	1213
1124844	42616	181822	59	N	1287.5		24.8	4.7	7.8	-14	92	2.86	0		4.7	7.8		396359.46	6908666.98	1214
1124844	42616	181850	59	N	1300		24.8	3.6	9.8	24	95	3.04	0		3.6	9.8		396350.59	6908657.18	1212
1124844	42616	181950	59	N	1312.5		24.8	2.5	9.8	32	96	3.12	0		2.5	9.8		396345.6	6908644.61	1211
1124844	42616	182022	59	N	1325		24.8	0.5	9.4	22	97	3.07	0		0.5	9.4		396338.68	6908634.18	1211
1124844	42616	182054	59	N	1337.5		24.8	-0.9	10.7	21	97	3.07	0		-0.9	10.7		396331.94	6908622.67	1210
1124844	42616	182354	59	N	1350		24.8	0.6	14.7	11	98	3.04	0		0.6	14.7		396324.91	6908613.85	1210
1124844	42616	182434	59	N	1362.5		24.8	-1.3	15.2	8	96	2.98	0		-1.3	15.2		396318.75	6908602.25	1208
1124844	42616	182510	59	N	1375		24.8	-6.5	12.4	28	96	3.09	0		-6.5	12.4		396308.61	6908595.04	1207
1124844	42616	182538	59	N	1387.5		24.8	-9.8	12.4	23	96	3.05	0		-9.8	12.4		396300.98	6908587.47	1207
1124844	42616	182622	59	N	1400		24.8	-15.6	8.6	26	95	3.04	0		-15.6	8.6		396294.99	6908574.65	1205
1124844	42616	182702	59	N	1412.5		24.8	-23.5	5.1	29	97	3.11	0		-23.5	5.1		396288.16	6908563.56	1203
1124844	42616	182738	59	N	1425		24.8	-26	4.2	28	98	3.14	0		-26	4.2		396279.82	6908553.49	1202
1124844	42616	182814	59	N	1437.5		24.8	-31.6	-0.4	24	98	3.11	0		-31.6	-0.4		396272.17	6908542.82	1202
1124844	42616	182914	59	N	1450		24.8	-32.6	-0.2	28	98	3.14	0		-32.6	-0.2		396266.19	6908532.11	1201
1124844	42616	183010	59	N	1462.5		24.8	-28.1	3.3	21	98	3.09	0		-28.1	3.3		396258.58	6908519.57	1199
1124844	42616	183046	59	N	1475		24.8	-19	3.2	42	98	3.29	0		-19	3.2		396251.69	6908507.44	1197
1124844	42616	183122	59	N	1487.5		24.8	-0.4	8.4	38	98	3.24	0		-0.4	8.4		396245.58	6908498.51	1195
1124844	42616	183202	59	N	1500		24.8	10	12	4	98	3.02	0		10	12		396235.04	6908488.99	1193
1124844	42616	183242	59	N	1512.5		24.8	7.1	7	4	98	3.02	0		7.1	7		396230.24	6908477.75	1193
1124844	42616	183334	59	N	1525		24.8	6	2.5	29	98	3.15	0		6	2.5		396220.59	6908470.58	1191
1124844	42616	183410	59	N	1537.5		24.8	9.6	-0.2	17	98	3.06	0		9.6	-0.2		396213.78	6908458.88	1189
1124844	42616	183450	59	N	1550		24.8	12	-4.5	32	98	3.18	0		12	-4.5		396204.4	6908449.26	1189
1124844	42616	183522	59	N	1562.5		24.8	16.4	-6.4	40	98	3.26	0		16.4	-6.4		396199.57	6908438.78	1188
1124844	42616	183558	59	N	1575		24.8	24.2	-10	18	98	3.07	0		24.2	-10		396194.24	6908425.17	1187
1124844	42616	183634	59	N	1587.5		24.8	50.7	-4.1	8	98	3.03	0		50.7	-4.1		396185.77	6908414.04	1186
1124844	42616	183710	59	N	1600		24.8	64.7	2.7	34	98	3.19	0		64.7	2.7		396177.82	6908403.21	1184
1124844	42616	183742	59	N	1612.5		24.8	74	11.2	27	98	3.13	0		74	11.2		396172.96	6908391.37	1184
1124844	42616	183818	59	N	1625		24.8	58.4	5	55	93	3.35	0		58.4	5		396164.18	6908382.91	1183
1124844	42616	183902	59	N	1637.5		24.8	54.5	-1.8	41	95	3.2	0		54.5	-1.8		396156	6908371.61	1184
1124844	42616	183934	59	N	1650		24.8	49.8	-5.5	28	95	3.05	0		49.8	-5.5		396151.23	6908359.01	1180
1124844	42616	184010	59	N	1662.5		24.8	42.4	-8.5	42	93	3.15	0		42.4	-8.5		396145.2	6908348.26	1179
1124844	42616	184046	59	N	1675		24.8	39.1	-9.8	26	91	2.93	0		39.1	-9.8		396133.71	6908338.77	1178
1124844	42616	184126	59	N	1687.5		24.8	32.4	-11.5	30	91	2.97	0		32.4	-11.5		396127.53	6908330.79	1178
1124844	42616	184226	59	N	1700		24.8	25.5	-12.4	26	93	2.97	0		25.5	-12.4		396117.52	6908317.6	1175
1124844	42616	184302	59	N	1712.5		24.8	19	-11.2	24	94	3.01	0		19	-11.2		396108.31	6908307.85	1174
1124844	42616	184334	59	N	1725		24.8	14.9	-10.4	22	95	3.02	0		14.9	-10.4		396102.46	6908297.07	1173
1124844	42616	184434	59	N	1737.5		24.8	12.2	-10.2	14	93	2.92	0		12.2	-10.2		396095.85	6908287.19	1169
1124844	42616	184506	59	N	1750		24.8	11.8	-5.3	46	94	3.24	0		11.8	-5.3		396088.04	6908278.12	1170
1124844	42616	184542	59	N	1762.5		24.8	9.7	-2.5	42	92	3.11	0		9.7	-2.5		396083.12	6908265.23	1167
1124844	42616	184618	59	N	1775		24.8	4.5	-1.5	19	94	2.98	0		4.5	-1.5		396075.3	6908252.04	1163
1124844	42616	184646	59	N	1787.5		24.8	0.5	-1.2	26	96	3.08	0		0.5	-1.2		396068.8	6908243.01	1161
1124844	42616	184718	59	N	1800		24.8	0.6	3.4	42	97	3.25	0		0.6	3.4		396061.27	6908232.26	1161
1124844	42616	184754	59	N	1812.5		24.8	-1.2	5.4	26	97	3.09	0		-1.2	5.4		396053.25	6908222.33	1159
1124844	42616	184830	59	N	1825		24.8	-5.5	5.7	22	98	3.09	0		-5.5	5.7		396044.64	6908212.71	1157
1124844	42616	184910	59	N	1837.5		24.8	-7.4	5.8	24	97	3.09	0		-7.4	5.8		396039.09	6908199.9	1153
1124844	42616	184954	59	N	1850		24.8	-14.8	3.5	28	98	3.13	0		-14.8	3.5		396030.64	6908190.51	1151
1124844	42616	185030	59	N	1862.5		24.8	-16.7	3.4	33	98	3.18	0		-16.7	3.4		396023.81	6908179.81	1150
1124844	42616	185110	59	N	1875		24.8	-14.6	3.9	19	98	3.08	0		-14.6	3.9		396017.05	6908169.49	1148
1124844	42616	185158	59	N	1887.5		24.8	-15.1	2.5	24	98	3.11	0		-15.1	2.5		396010.03	6908158.62	1146
1124844	42616	185230	59	N	1900		24.8	-9.4	3.7	25	98	3.11	0		-9.4	3.7		396003.65	6908147.61	1144
1124844	42616	185338	59	N	1912.5		24.8	-10	-3.5	-5	98	3.02	0		-10	-3.5		395998.99	6908136.75	1142
1124844	42616	185458	59	N	1925		24.8	24.8	6.7	-34	98	3.19	0		24.8	6.7		395991.18	6908125.8	1139
1124844	42616	185606	59	N	1937.5		24.8	34	7.7	-2	98	3.01	0		34	7.7		395985.03	6908118.39	1141
1124844	42616	185646	59	N	1950		24.8	39.8	6.8	0	98	3.01	0		39.8	6.8		395979.24	6908111	1138
1124844	42616	185718	59	N	1962.5		24.8	37.9	5.6	48	98	3.37	0		37.9	5.6		395974.17	6908103.63	1137
1124844	42616	185754	59	N	1975		24.8	36.1	-2.6	-9	98	3.03	0		36.1	-2.6		395972.06	6908094.55	1136
1124844	42616	185858	59	N	1987.5		24.8	30.1	-7.2	14	98	3.04	0		30.1	-7.2		395963.11	6908088.59	1133
1124844	42616	190002	59	N	2000		24.8	33.2	-4.7	7	98	3.02	0		33.2	-4.7		395954.39	6908078.24	1130
1124844	42616	190054	59	N	2012.5		24.8	40.1	0.1	1	98	3.01	0		40.1	0.1		395946.34	6908070.65	1128
1124844	42616	190158	59	N	2025		24.8	32.8	-4.1	14	98	3.04	0		32.8	-4.1		395934.93	6908058.38	1125
1124844	42616	190346	59	N	2037.5		24.8	32.9	-2.9	-15	97	3.04	0		32.9	-2.9		395927.17	6908043.63	1123
1124844	42616	190434	59	N	2050		24.8	31.4	-2.2	8	98	3.02	0		31.4	-2.2		395922.64	6908035.12	1122
1124844	42616	190506	59	N	2062.5		24.8	30.1	0.3	37	98	3.22	0		30.1	0.3		395915.08	6908027.82	1119

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	190558	59	N	2075		24.8	29	1.8	54	96	3.4	0		29	1.8		395910.79	6908016.28	1120
1124844	42616	190638	59	N	2087.5		24.8	30.6	4	20	97	3.06	0		30.6	4		395907.4	6908005.29	1117
1124844	42616	190714	59	N	2100		24.8	26.3	1.9	42	96	3.24	0		26.3	1.9		395902.14	6907996.82	1116
1124844	42616	190750	59	N	2112.5		24.8	19.7	-2	37	95	3.14	0		19.7	-2		395894.02	6907987.2	1111
1124844	42616	190826	59	N	2125		24.8	13.7	-4.9	23	97	3.09	0		13.7	-4.9		395885.3	6907979.83	1107
1124844	42616	190910	59	N	2137.5		24.8	10.6	-5.3	26	98	3.12	0		10.6	-5.3		395879.55	6907968.01	1106
1124844	42616	190942	59	N	2150		24.8	15	-0.9	18	98	3.07	0		15	-0.9		395873.91	6907958.44	1106
1124844	42616	191014	59	N	2162.5		24.8	9.2	-3.5	36	98	3.21	0		9.2	-3.5		395865.61	6907946.38	1102
1124844	42616	191054	59	N	2175		24.8	14.3	0.9	29	98	3.15	0		14.3	0.9		395857.41	6907935.01	1098
1124844	42616	191202	59	N	2187.5		24.8	9.7	-1.2	17	98	3.06	0		9.7	-1.2		395845.69	6907929.16	1098
1124844	42616	191234	59	N	2200		24.8	8.7	-0.3	63	97	3.58	0		8.7	-0.3		395838	6907921.9	1098
1124844	42616	191310	59	N	2212.5		24.8	12.6	3.4	70	95	3.65	0		12.6	3.4		395833.59	6907909.99	1093
1124844	42616	191358	59	N	2225		24.8	17.3	6.3	33	98	3.19	0		17.3	6.3		395827.75	6907899.47	1095
1124844	42616	191434	59	N	2237.5		24.8	14	4	17	98	3.06	0		14	4		395819.64	6907889.28	1089
1124844	42616	191510	59	N	2250		24.8	24.5	9.8	27	98	3.13	0		24.5	9.8		395812.33	6907879.31	1085
1124844	42616	191550	59	N	2262.5		24.8	26.3	12.3	-14	98	3.05	0		26.3	12.3		395803.74	6907866.95	1085
1124844	42616	191638	59	N	2275		24.8	25	10.8	8	98	3.02	0		25	10.8		395795.32	6907860.3	1084
1124844	42616	191726	59	N	2287.5		24.8	23.5	10.2	16	98	3.06	0		23.5	10.2		395788.24	6907850.81	1079
1124844	42616	191802	59	N	2300		24.8	28.9	14.3	37	97	3.22	0		28.9	14.3		395779.89	6907840.52	1076
1124844	42616	191834	59	N	2312.5		24.8	24.5	11.5	57	94	3.4	0		24.5	11.5		395772.69	6907829.82	1072
1124844	42616	191922	59	N	2325		24.8	22.7	9.9	32	97	3.16	0		22.7	9.9		395766.69	6907818.01	1069
1124844	42616	192002	59	N	2337.5		24.8	20	6.7	49	93	3.26	0		20	6.7		395761.58	6907807.56	1063
1124844	42616	192058	59	N	2350		24.8	18.5	7.6	80	82	3.53	0		18.5	7.6		395762.9	6907795.52	1063
1124844	42616	192138	59	N	2362.5		24.8	17.2	6.3	51	93	3.27	0		17.2	6.3		395758.09	6907783.26	1063
1124844	42616	192210	59	N	2375		24.8	17.5	6.1	7	98	3.02	0		17.5	6.1		395751.2	6907772.77	1061
1124844	42616	192238	59	N	2387.5		24.8	14.9	3.9	29	98	3.15	0		14.9	3.9		395743.47	6907767.54	1057
1124844	42616	192318	59	N	2400		24.8	22.3	10.9	40	97	3.25	0		22.3	10.9		395734.8	6907758.35	1056
1124844	42616	192338	59	N	2400		24.8	23.8	11.8	30	97	3.15	1					395734.66	6907756.9	1056
1124844	42616	195542	61	N	0		24.8	-12.1	-10	35	98	3.21	0		-12.1	-10		395820.94	6907709.2	1068
1124844	42616	195602	61	N	0		24.8	-14.6	-11.7	33	98	3.2	1					395821.05	6907709.19	1067
1124844	42616	195658	61	N	12.5		24.8	-11.8	-10.9	17	98	3.07	0		-11.8	-10.9		395827.83	6907720.72	1070
1124844	42616	195726	61	N	12.5		24.8	-16.9	-14.2	15	98	3.06	1					395828.48	6907721.54	1070
1124844	42616	195802	61	N	25		24.8	-13.6	-12.3	-21	98	3.09	0		-13.6	-12.3		395836.91	6907731.04	1073
1124844	42616	195842	61	N	37.5		24.8	-14	-11.3	12	98	3.05	0		-14	-11.3		395843.22	6907739.8	1076
1124844	42616	195926	61	N	50		24.8	-9.4	-10.2	66	93	3.53	0		-9.4	-10.2		395850.27	6907751.96	1078
1124844	42616	200006	61	N	62.5		24.8	-10.8	-10.5	51	97	3.38	0		-10.8	-10.5		395854.82	6907762.82	1082
1124844	42616	200046	61	N	75		24.8	-13.8	-12	38	98	3.24	0		-13.8	-12		395858.15	6907776.73	1084
1124844	42616	200146	61	N	87.5		24.8	-15.1	-13.5	33	98	3.18	0		-15.1	-13.5		395861.56	6907787.8	1085
1124844	42616	200222	61	N	100		24.8	-18.2	-16.3	1	98	3.02	0		-18.2	-16.3		395871.17	6907796.12	1089
1124844	42616	200310	61	N	112.5		24.8	-18.5	-16.4	-19	98	3.07	0		-18.5	-16.4		395881.77	6907804.23	1093
1124844	42616	200354	61	N	125		24.8	-15.3	-11.9	23	98	3.1	0		-15.3	-11.9		395889.93	6907809.5	1096
1124844	42616	200430	61	N	137.5		24.8	-13.5	-11.1	18	98	3.07	0		-13.5	-11.1		395896.92	6907819.38	1099
1124844	42616	200534	61	N	150		24.8	-8.9	-5.3	26	98	3.12	0		-8.9	-5.3		395901.65	6907831.93	1100
1124844	42616	200618	61	N	162.5		24.8	-5.6	-2.5	17	98	3.06	0		-5.6	-2.5		395909.25	6907843.61	1104
1124844	42616	200654	61	N	175		24.8	-6.9	-2.2	9	98	3.03	0		-6.9	-2.2		395916.99	6907853.9	1105
1124844	42616	200734	61	N	187.5		24.8	-9.4	-4.8	24	96	3.04	0		-9.4	-4.8		395925.33	6907862.62	1109
1124844	42616	200814	61	N	200		24.8	-13.2	-7.9	23	95	3.02	0		-13.2	-7.9		395931.51	6907873.04	1109
1124844	42616	200854	61	N	212.5		24.8	-13.1	-4.3	10	97	3.02	0		-13.1	-4.3		395938.28	6907882.52	1112
1124844	42616	200930	61	N	225		24.8	-8.1	1.3	26	95	3.04	0		-8.1	1.3		395945.87	6907889.69	1115
1124844	42616	201002	61	N	237.5		24.8	-9.6	0.6	25	92	2.93	0		-9.6	0.6		395954.45	6907897.97	1117
1124844	42616	201042	61	N	250		24.8	-15	-3.5	-1	90	2.77	0		-15	-3.5		395962.02	6907908.01	1120
1124844	42616	201114	61	N	262.5		24.8	-17.1	-3.9	14	88	2.74	0		-17.1	-3.9		395969.3	6907915.68	1122
1124844	42616	201202	61	N	275		24.8	-18.9	-2.8	6	88	2.73	0		-18.9	-2.8		395977.55	6907927.34	1125
1124844	42616	201246	61	N	287.5		24.8	-22.4	-4.2	13	87	2.7	0		-22.4	-4.2		395986.26	6907937.46	1127
1124844	42616	201354	61	N	300		24.8	-23	-2.2	19	91	2.88	0		-23	-2.2		395991.1	6907946.49	1131
1124844	42616	201438	61	N	312.5		24.8	-22.9	1.2	37	87	2.93	0		-22.9	1.2		395994.98	6907957.5	1131
1124844	42616	201526	61	N	325		24.8	-26.7	-0.2	25	86	2.78	0		-26.7	-0.2		396000.28	6907969.99	1134
1124844	42616	201626	61	N	337.5		24.8	-29.6	-0.1	17	88	2.78	0		-29.6	-0.1		396007.17	6907981.74	1137
1124844	42616	201710	61	N	350		24.8	-33	-1.7	0	88	2.72	0		-33	-1.7		396015.47	6907990.2	1139
1124844	42616	201750	61	N	362.5		24.8	-36.9	-2.7	19	88	2.78	0		-36.9	-2.7		396022.95	6908001.83	1140
1124844	42616	201826	61	N	375		24.8	-40	-3.7	20	88	2.79	0		-40	-3.7		396024.94	6908011.39	1142
1124844	42616	201906	61	N	387.5		24.8	-43.6	-5.4	21	88	2.8	0		-43.6	-5.4		396032.03	6908021.84	1143
1124844	42616	201946	61	N	400		24.8	-48.9	-8.8	10	91	2.84	0		-48.9	-8.8		396037.35	6908032.96	1146
1124844	42616	202030	61	N	412.5		24.8	-50.3	-7.9	10	97	3.01	0		-50.3	-7.9		396042.46	6908046.06	1147
1124844	42616	202106	61	N	425		24.8	-48.6	-6.7	2	98	3.02	0		-48.6	-6.7		396048.58	6908056.41	1150
1124844	42616	202226	61	N	437.5		24.8	-54.3	-18.3	-30	97	3.14	0		-54.3	-18.3		396058.39	6908064.89	1152

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	202302	61	N	450		24.8	-32.5	-11.8	-68	98	3.67	0		-32.5	-11.8		396067.65	6908070.41	1153
1124844	42616	202402	61	N	462.5		24.8	-11.3	-0.4	29	98	3.15	0		-11.3	-0.4		396077.14	6908079.72	1156
1124844	42616	202442	61	N	475		24.8	21.8	7.9	-23	98	3.11	0		21.8	7.9		396086.7	6908091.1	1157
1124844	42616	202550	61	N	487.5		24.8	25.4	6.4	36	98	3.22	0		25.4	6.4		396093.63	6908100.1	1158
1124844	42616	202654	61	N	500		24.8	25.7	2.8	11	98	3.03	0		25.7	2.8		396099.59	6908109.32	1159
1124844	42616	202738	61	N	512.5		24.8	21.5	-1.7	4	96	2.96	0		21.5	-1.7		396104.57	6908121.48	1159
1124844	42616	202826	61	N	525		24.8	22.6	2.7	7	94	2.92	0		22.6	2.7		396111.4	6908131.39	1161
1124844	42616	202922	61	N	537.5		24.8	19	0.4	12	88	2.74	0		19	0.4		396115.09	6908140.78	1161
1124844	42616	202954	61	N	550		24.8	11.9	-4.2	1	83	2.56	0		11.9	-4.2		396124.35	6908150.78	1164
1124844	42616	203034	61	N	562.5		24.8	8.9	-4.1	9	85	2.64	0		8.9	-4.1		396131.64	6908160.7	1165
1124844	42616	203114	61	N	575		24.8	1.2	-8.3	7	84	2.6	0		1.2	-8.3		396138.79	6908171.08	1166
1124844	42616	203150	61	N	587.5		24.8	-5.3	-10.9	6	85	2.64	0		-5.3	-10.9		396149.6	6908179.14	1167
1124844	42616	203222	61	N	600		24.8	-8.1	-10	3	83	2.57	0		-8.1	-10		396156.36	6908190.22	1167
1124844	42616	203254	61	N	612.5		24.8	-9.3	-6.4	-1	85	2.64	0		-9.3	-6.4		396163.05	6908200.72	1168
1124844	42616	203338	61	N	625		24.8	-8.4	-1	-16	83	2.61	0		-8.4	-1		396171.69	6908212.71	1169
1124844	42616	203410	61	N	637.5		24.8	-14.6	-6.4	-11	79	2.48	0		-14.6	-6.4		396178.28	6908222.29	1170
1124844	42616	203454	61	N	650		24.8	-15.9	-20.2	-17	73	2.31	0		-15.9	-20.2		396183.55	6908232.48	1171
1124844	42616	203706	61	N	662.5		24.8	-35	-3.4	0	74	2.28	0		-35	-3.4		396190.63	6908241.78	1170
1124844	42616	203810	61	N	675		24.8	-35.2	-3.9	4	76	2.35	0		-35.2	-3.9		396197.29	6908255.38	1170
1124844	42616	203842	61	N	687.5		24.8	-41	-7.2	0	77	2.38	0		-41	-7.2		396202.9	6908265.85	1170
1124844	42616	203910	61	N	700		24.8	-47.9	-9.6	3	76	2.35	0		-47.9	-9.6		396208.81	6908274.2	1171
1124844	42616	204010	61	N	712.5		24.8	-48.7	-8.8	-11	81	2.51	0		-48.7	-8.8		396218.12	6908286.94	1171
1124844	42616	204206	61	N	725		24.8	-54.4	-9.9	-3	82	2.54	0		-54.4	-9.9		396226.72	6908296.59	1170
1124844	42616	204254	61	N	737.5		24.8	-48.1	-5.7	0	92	2.83	0		-48.1	-5.7		396233.6	6908306.94	1172
1124844	42616	204346	61	N	750		24.8	-39.4	0.4	-14	95	2.96	0		-39.4	0.4		396240.08	6908317.44	1173
1124844	42616	204418	61	N	762.5		24.8	-29.4	4.5	-26	91	2.94	0		-29.4	4.5		396248.17	6908326.75	1175
1124844	42616	204450	61	N	775		24.8	-27.2	5.1	-20	92	2.92	0		-27.2	5.1		396258.47	6908336.15	1176
1124844	42616	204518	61	N	787.5		24.8	-31.7	1.4	-10	90	2.79	0		-31.7	1.4		396263.17	6908347.66	1177
1124844	42616	204550	61	N	800		24.8	-30.9	1.4	-8	94	2.92	0		-30.9	1.4		396271.37	6908357.51	1178
1124844	42616	204630	61	N	812.5		24.8	-30.3	0.3	-10	96	2.98	0		-30.3	0.3		396278.4	6908367.93	1181
1124844	42616	204710	61	N	825		24.8	-27.7	-3.4	-6	95	2.93	0		-27.7	-3.4		396286.22	6908377.51	1182
1124844	42616	204746	61	N	837.5		24.8	-23.3	-4.5	-10	98	3.03	0		-23.3	-4.5		396292.9	6908388.83	1183
1124844	42616	204818	61	N	850		24.8	-19.2	-7.8	-5	97	3.01	0		-19.2	-7.8		396299.31	6908398.74	1185
1124844	42616	204902	61	N	862.5		24.8	-2.2	-4	4	98	3.02	0		-2.2	-4		396307.52	6908410.88	1187
1124844	42616	204938	61	N	875		24.8	3.4	-4.4	50	98	3.38	0		3.4	-4.4		396310.13	6908420.28	1187
1124844	42616	205018	61	N	887.5		24.8	12.8	-5.9	9	98	3.02	0		12.8	-5.9		396318.12	6908431.92	1190
1124844	42616	205046	61	N	900		24.8	21.3	-4.5	-1	98	3.02	0		21.3	-4.5		396325.24	6908440.79	1191
1124844	42616	205118	61	N	912.5		24.8	23.9	-6.7	4	96	2.96	0		23.9	-6.7		396332.42	6908450.6	1192
1124844	42616	205150	61	N	925		24.8	31.5	-4.8	1	91	2.8	0		31.5	-4.8		396341.75	6908461.22	1193
1124844	42616	205222	61	N	937.5		24.8	31.9	-4.8	11	83	2.6	0		31.9	-4.8		396349.25	6908472.18	1194
1124844	42616	205302	61	N	950		24.8	26.4	-9.1	-1	85	2.62	0		26.4	-9.1		396355.28	6908483.02	1196
1124844	42616	205346	61	N	962.5		24.8	22.3	-10.6	19	81	2.57	0		22.3	-10.6		396363.08	6908492.8	1195
1124844	42616	205422	61	N	975		24.8	17.5	-11.9	29	77	2.56	0		17.5	-11.9		396368.53	6908503.93	1196
1124844	42616	205502	61	N	987.5		24.8	11.2	-14	33	79	2.65	0		11.2	-14		396378.11	6908518.87	1197
1124844	42616	205538	61	N	1000		24.8	10.8	-13.4	21	81	2.59	0		10.8	-13.4		396381.98	6908528.07	1199
1124844	42616	205614	61	N	1012.5		24.8	11.2	-12.2	3	84	2.59	0		11.2	-12.2		396389.95	6908536.14	1200
1124844	42616	205650	61	N	1025		24.8	5.2	-16	0	80	2.48	0		5.2	-16		396397.8	6908544.1	1202
1124844	42616	205718	61	N	1037.5		24.8	2.6	-16	2	78	2.41	0		2.6	-16		396406.01	6908551.6	1203
1124844	42616	205750	61	N	1050		24.8	6.4	-9.4	21	79	2.53	0		6.4	-9.4		396412.22	6908563.08	1203
1124844	42616	205830	61	N	1062.5		24.8	5	-10.9	13	79	2.48	0		5	-10.9		396421.81	6908573.39	1204
1124844	42616	205902	61	N	1075		24.8	5.5	-8.7	11	80	2.5	0		5.5	-8.7		396429.17	6908584.06	1206
1124844	42616	205930	61	N	1087.5		24.8	6	-8.6	7	83	2.58	0		6	-8.6		396434.39	6908593.59	1207
1124844	42616	210002	61	N	1100		24.8	8.5	-4.3	18	81	2.57	0		8.5	-4.3		396442.26	6908605.12	1207
1124844	42616	210034	61	N	1112.5		24.8	4.4	-7.3	9	83	2.58	0		4.4	-7.3		396447.18	6908617.05	1208
1124844	42616	210106	61	N	1125		24.8	1.2	-8.5	17	81	2.57	0		1.2	-8.5		396454.27	6908626.75	1208
1124844	42616	210138	61	N	1137.5		24.8	0.2	-7.6	34	80	2.67	0		0.2	-7.6		396460.79	6908636.18	1208
1124844	42616	210214	61	N	1150		24.8	-1	-9.2	33	80	2.67	0		-1	-9.2		396464.74	6908647.71	1210
1124844	42616	210246	61	N	1162.5		24.8	3.7	-3.8	32	84	2.79	0		3.7	-3.8		396471.91	6908659.89	1211
1124844	42616	210318	61	N	1175		24.8	3.7	-3.7	1	88	2.73	0		3.7	-3.7		396482.42	6908668.95	1211
1124844	42616	210346	61	N	1187.5		24.8	6.1	-1.5	-14	85	2.67	0		6.1	-1.5		396490.17	6908677.53	1211
1124844	42616	210422	61	N	1200		24.8	5.8	-1.3	-4	87	2.68	0		5.8	-1.3		396496.38	6908685.39	1211
1124844	42616	210450	61	N	1212.5		24.8	5.9	-1.2	2	85	2.63	0		5.9	-1.2		396502.12	6908694.87	1212
1124844	42616	210510	61	N	1212.5		24.8	5.5	-1.6	4	85	2.63	1					396502	6908694.89	1211
1124844	42616	211314	63	N	1200		24.8	-3.6	1	40	82	2.82	0		-3.6	1		396583.51	6908634.84	1208
1124844	42616	211342	63	N	1200		24.8	-7.4	-1.7	8	87	2.69	1					396583.52	6908634.7	1208
1124844	42616	211434	63	N	1187.5		24.8	-7.3	-2.3	33	85	2.82	0		-7.3	-2.3		396573.93	6908616.91	1208

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	211522	63	N	1175		24.8	-6.8	-2.8	13	85	2.65	0		-6.8	-2.8		396565.51	6908606.3	1208
1124844	42616	211558	63	N	1162.5		24.8	-2.7	-0.3	20	80	2.57	0		-2.7	-0.3		396559.06	6908597.61	1208
1124844	42616	211630	63	N	1150		24.8	-4.5	-2.9	27	81	2.64	0		-4.5	-2.9		396551.3	6908586.61	1207
1124844	42616	211702	63	N	1137.5		24.8	1.9	2.6	19	83	2.62	0		1.9	2.6		396542.62	6908577.59	1206
1124844	42616	211738	63	N	1125		24.8	1	-0.4	23	83	2.68	0		1	-0.4		396531.46	6908562.07	1205
1124844	42616	211806	63	N	1112.5		24.8	2.7	0.7	5	87	2.7	0		2.7	0.7		396525.89	6908552.89	1205
1124844	42616	211838	63	N	1100		24.8	1.4	-1.8	0	88	2.73	0		1.4	-1.8		396520.54	6908543.37	1204
1124844	42616	212022	63	N	1087.5		24.8	7.5	2.4	5	84	2.6	0		7.5	2.4		396511.9	6908531.44	1203
1124844	42616	212058	63	N	1075		24.8	2.1	-3.8	0	89	2.74	0		2.1	-3.8		396505.68	6908519.83	1202
1124844	42616	212126	63	N	1062.5		24.8	3.5	-3.8	-9	85	2.65	0		3.5	-3.8		396496.76	6908512.05	1200
1124844	42616	212158	63	N	1050		24.8	6.8	-1.9	-6	88	2.73	0		6.8	-1.9		396487.59	6908503.11	1200
1124844	42616	212238	63	N	1037.5		24.8	5.8	-5.2	24	90	2.87	0		5.8	-5.2		396481.13	6908490	1200
1124844	42616	212310	63	N	1025		24.8	9.1	-3.5	18	88	2.76	0		9.1	-3.5		396475.75	6908481.04	1199
1124844	42616	212350	63	N	1012.5		24.8	15.3	0.3	4	88	2.71	0		15.3	0.3		396466.93	6908472.39	1198
1124844	42616	212422	63	N	1000		24.8	12.2	-4.3	-7	93	2.89	0		12.2	-4.3		396459.24	6908462.32	1196
1124844	42616	212510	63	N	987.5		24.8	12.8	-4.6	-17	96	3.01	0		12.8	-4.6		396452.5	6908451.34	1196
1124844	42616	212546	63	N	975		24.8	10.4	-7.7	10	95	2.94	0		10.4	-7.7		396447.54	6908440.73	1193
1124844	42616	212618	63	N	962.5		24.8	11.6	-5.7	-18	96	3.02	0		11.6	-5.7		396442.4	6908430.53	1191
1124844	42616	212646	63	N	950		24.8	2.8	-11.8	-19	96	3.03	0		2.8	-11.8		396433.37	6908420.07	1189
1124844	42616	212722	63	N	937.5		24.8	5.5	-6.9	-11	96	2.99	0		5.5	-6.9		396426.4	6908409.35	1188
1124844	42616	212750	63	N	925		24.8	1.6	-8.4	-6	96	2.98	0		1.6	-8.4		396418.74	6908399.19	1188
1124844	42616	212818	63	N	912.5		24.8	1.5	-7	14	98	3.04	0		1.5	-7		396408.83	6908389.18	1188
1124844	42616	212850	63	N	900		24.8	2.4	0.1	-22	98	3.09	0		2.4	0.1		396402.91	6908376.88	1186
1124844	42616	212922	63	N	887.5		24.8	-6.4	1.8	0	98	3.02	0		-6.4	1.8		396397.06	6908367.05	1187
1124844	42616	212954	63	N	875		24.8	-20.4	-1	5	98	3.02	0		-20.4	-1		396389.66	6908357.59	1184
1124844	42616	213026	63	N	862.5		24.8	-24.5	2.3	2	97	3.01	0		-24.5	2.3		396382.52	6908346.39	1184
1124844	42616	213050	63	N	850		24.8	-26.2	4.4	8	97	3.02	0		-26.2	4.4		396376.02	6908338.02	1184
1124844	42616	213138	63	N	837.5		24.8	-35.4	2.3	24	97	3.1	0		-35.4	2.3		396367.3	6908323.05	1184
1124844	42616	213234	63	N	825		24.8	-34.7	3.4	28	93	3	0		-34.7	3.4		396363.22	6908315.1	1184
1124844	42616	213314	63	N	812.5		24.8	-37.5	2.2	30	89	2.91	0		-37.5	2.2		396355.94	6908304.36	1182
1124844	42616	213342	63	N	800		24.8	-37.7	4.1	16	91	2.85	0		-37.7	4.1		396349.07	6908296.37	1181
1124844	42616	213410	63	N	787.5		24.8	-34.6	4.6	14	93	2.89	0		-34.6	4.6		396342.12	6908287.01	1179
1124844	42616	213446	63	N	775		24.8	-29.2	7.6	21	93	2.95	0		-29.2	7.6		396335.73	6908275.34	1180
1124844	42616	213518	63	N	762.5		24.8	-25.1	9.1	23	95	3.01	0		-25.1	9.1		396327.19	6908266.05	1181
1124844	42616	213550	63	N	750		24.8	-24.4	6.9	19	96	3.03	0		-24.4	6.9		396319.22	6908254.88	1180
1124844	42616	213618	63	N	737.5		24.8	-23.4	7.5	10	97	3.02	0		-23.4	7.5		396309.8	6908246.24	1181
1124844	42616	213650	63	N	725		24.8	-28	2.2	29	97	3.12	0		-28	2.2		396302.89	6908236.13	1180
1124844	42616	213722	63	N	712.5		24.8	-29.9	1	37	91	3.05	0		-29.9	1		396296.08	6908224.64	1180
1124844	42616	213758	63	N	700		24.8	-38.8	-8	24	97	3.09	0		-38.8	-8		396285.24	6908213.79	1180
1124844	42616	213830	63	N	687.5		24.8	-39.4	-9.3	42	86	2.97	0		-39.4	-9.3		396279.83	6908204.7	1180
1124844	42616	213906	63	N	675		24.8	-40.8	-11.2	24	86	2.75	0		-40.8	-11.2		396275.58	6908192.27	1180
1124844	42616	213946	63	N	662.5		24.8	-38.1	-10.6	25	77	2.52	0		-38.1	-10.6		396267.84	6908182.74	1179
1124844	42616	214022	63	N	650		24.8	-35.2	-8	11	80	2.5	0		-35.2	-8		396262.25	6908172.94	1178
1124844	42616	214054	63	N	637.5		24.8	-30	-7.7	15	78	2.45	0		-30	-7.7		396253.85	6908162.15	1179
1124844	42616	214138	63	N	625		24.8	-23.5	-4.6	13	75	2.37	0		-23.5	-4.6		396245.52	6908152.79	1176
1124844	42616	214234	63	N	612.5		24.8	-19.4	-4	20	78	2.5	0		-19.4	-4		396234.6	6908145.86	1177
1124844	42616	214414	63	N	600		24.8	-13.5	-4.2	27	76	2.5	0		-13.5	-4.2		396228.9	6908129.77	1176
1124844	42616	214458	63	N	587.5		24.8	-9.5	-3	31	73	2.46	0		-9.5	-3		396221.06	6908120.02	1174
1124844	42616	214538	63	N	575		24.8	-3.7	-0.5	20	81	2.57	0		-3.7	-0.5		396213.05	6908106.42	1173
1124844	42616	214610	63	N	562.5		24.8	1.1	1.1	25	82	2.66	0		1.1	1.1		396204.58	6908096.96	1170
1124844	42616	214642	63	N	550		24.8	6.5	3.1	24	84	2.69	0		6.5	3.1		396196.87	6908086.82	1170
1124844	42616	214746	63	N	537.5		24.8	10	3.8	48	80	2.88	0		10	3.8		396189.24	6908077.46	1168
1124844	42616	214814	63	N	525		24.8	12.4	6.2	47	88	3.1	0		12.4	6.2		396186.37	6908065.51	1168
1124844	42616	214850	63	N	512.5		24.8	15.5	8.9	29	96	3.11	0		15.5	8.9		396183.82	6908051.55	1168
1124844	42616	214922	63	N	500		24.8	13	9.9	19	98	3.07	0		13	9.9		396176.06	6908043.37	1167
1124844	42616	215018	63	N	487.5		24.8	6.1	10.3	-4	97	3.01	0		6.1	10.3		396167.91	6908035.64	1165
1124844	42616	215202	63	N	475		24.8	-26.7	-0.5	-18	98	3.06	0		-26.7	-0.5		396162.93	6908024.54	1165
1124844	42616	215246	63	N	462.5		24.8	-42.1	-3.9	5	98	3.02	0		-42.1	-3.9		396152.76	6908013.8	1163
1124844	42616	215406	63	N	450		24.8	-54	-12.5	8	97	3.02	0		-54	-12.5		396147.35	6908005.42	1163
1124844	42616	215502	63	N	437.5		24.8	-55.8	-12	1	93	2.86	0		-55.8	-12		396141.66	6907993.84	1162
1124844	42616	215550	63	N	425		24.8	-56.9	-8.6	-5	88	2.72	0		-56.9	-8.6		396131.65	6907987.21	1157
1124844	42616	215622	63	N	412.5		24.8	-51.4	-4.7	19	87	2.77	0		-51.4	-4.7		396125.46	6907979.27	1156
1124844	42616	215654	63	N	400		24.8	-51.5	-4.4	23	77	2.47	0		-51.5	-4.4		396116.45	6907969.75	1155
1124844	42616	215726	63	N	387.5		24.8	-41.8	-0.3	53	71	2.73	0		-41.8	-0.3		396114.99	6907955.67	1154
1124844	42616	215802	63	N	375		24.8	-42.9	-0.8	45	67	2.5	0		-42.9	-0.8		396111.8	6907943.59	1149
1124844	42616	215838	63	N	362.5		24.8	-38.5	5.1	22	76	2.44	0		-38.5	5.1		396103.5	6907933.39	1147

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	215902	63	N	350		24.8	-34.6	6.7	24	75	2.43	0		-34.6	6.7		396096.42	6907923.9	1142
1124844	42616	215942	63	N	337.5		24.8	-33	4.4	31	75	2.51	0		-33	4.4		396088.27	6907916.04	1141
1124844	42616	220026	63	N	325		24.8	-31.3	6.3	12	78	2.44	0		-31.3	6.3		396080.25	6907903.66	1138
1124844	42616	220054	63	N	312.5		24.8	-27.7	6	25	79	2.56	0		-27.7	6		396072.57	6907898.41	1136
1124844	42616	220126	63	N	300		24.8	-32.4	-0.2	14	78	2.45	0		-32.4	-0.2		396062.09	6907891.04	1132
1124844	42616	220210	63	N	287.5		24.8	-34.6	-4.6	7	79	2.45	0		-34.6	-4.6		396055.92	6907879.64	1130
1124844	42616	220238	63	N	275		24.8	-28	-1.6	29	76	2.53	0		-28	-1.6		396048.45	6907870.78	1128
1124844	42616	220322	63	N	262.5		24.8	-27	-3.9	35	76	2.58	0		-27	-3.9		396046.29	6907855.1	1123
1124844	42616	220402	63	N	250		24.8	-26.1	-5.2	28	73	2.42	0		-26.1	-5.2		396033.08	6907847.37	1121
1124844	42616	220418	63	N	250		24.8	-25.2	-5	27	76	2.48	1					396032.45	6907848.45	1121
1124844	42616	220450	63	N	237.5		24.8	-22.4	-2.6	7	74	2.29	0		-22.4	-2.6		396026.19	6907841.7	1121
1124844	42616	220522	63	N	225		24.8	-18.2	-0.9	30	75	2.5	0		-18.2	-0.9		396021.41	6907831.66	1117
1124844	42616	220550	63	N	212.5		24.8	-13.1	0.4	31	75	2.52	0		-13.1	0.4		396019.2	6907819.61	1115
1124844	42616	220618	63	N	200		24.8	-13.5	1	14	77	2.41	0		-13.5	1		396012.91	6907809.71	1113
1124844	42616	220650	63	N	187.5		24.8	-12.1	-0.1	31	78	2.59	0		-12.1	-0.1		396004.17	6907801.6	1111
1124844	42616	220718	63	N	175		24.8	-13	-2.2	22	81	2.59	0		-13	-2.2		396001.14	6907790.47	1110
1124844	42616	220754	63	N	162.5		24.8	-15.2	-4.6	20	81	2.59	0		-15.2	-4.6		395990.75	6907785.33	1108
1124844	42616	220810	63	N	162.5		24.8	-17.1	-6.9	26	81	2.64	1					395990.55	6907785.22	1106
1124844	42616	220846	63	N	150		24.8	-14.6	-5.9	32	80	2.67	0		-14.6	-5.9		395982.82	6907772.76	1104
1124844	42616	220934	63	N	137.5		24.8	-16.4	-8.2	29	85	2.77	0		-16.4	-8.2		395975.03	6907762.35	1100
1124844	42616	221006	63	N	125		24.8	-18.1	-9.2	17	83	2.62	0		-18.1	-9.2		395965.49	6907750.96	1097
1124844	42616	221034	63	N	112.5		24.8	-19.9	-11.2	12	83	2.59	0		-19.9	-11.2		395960.11	6907743.32	1094
1124844	42616	221102	63	N	100		24.8	-17.3	-9.5	30	83	2.72	0		-17.3	-9.5		395953.6	6907734.54	1094
1124844	42616	221134	63	N	87.5		24.8	-16.5	-8.4	13	87	2.7	0		-16.5	-8.4		395945.62	6907724.82	1092
1124844	42616	221206	63	N	75		24.8	-16.4	-9.1	11	83	2.6	0		-16.4	-9.1		395938.19	6907714.65	1089
1124844	42616	221250	63	N	62.5		24.8	-12.9	-5.9	17	86	2.71	0		-12.9	-5.9		395928.15	6907707.91	1085
1124844	42616	221326	63	N	50		24.8	-14.1	-7.9	33	83	2.77	0		-14.1	-7.9		395923.19	6907694.52	1085
1124844	42616	221346	63	N	50		24.8	-15.7	-8.8	35	82	2.75	1					395921.81	6907694.16	1084
1124844	42616	221430	63	N	37.5		24.8	-12.7	-6.9	51	78	2.88	0		-12.7	-6.9		395915.13	6907681.73	1081
1124844	42616	221506	63	N	25		24.8	-15.4	-7.2	11	88	2.75	0		-15.4	-7.2		395916.04	6907671.76	1079
1124844	42616	221550	63	N	12.5		24.8	-14.2	-7.2	42	80	2.8	0		-14.2	-7.2		395908.47	6907665.77	1075
1124844	42616	221642	63	N	0		24.8	-16.5	-6.3	6	88	2.72	0		-16.5	-6.3		395900.03	6907652.81	1073
1124844	42616	230934	65	N	0		24.8	-18.1	2	20	98	3.08	0		-18.1	2		396580.8	6908468.63	1198
1124844	42616	230954	65	N	0		24.8	-17.2	2.5	15	98	3.06	1					396580.87	6908468.64	1198
1124844	42616	231046	65	N	12.5		24.8	-20.3	-1.5	11	98	3.04	0		-20.3	-1.5		396587.22	6908479.12	1198
1124844	42616	231122	65	N	25		24.8	-18	-2.7	9	98	3.03	0		-18	-2.7		396594.18	6908488.99	1199
1124844	42616	231206	65	N	37.5		24.8	-13.9	0.4	9	98	3.03	0		-13.9	0.4		396601.39	6908499.93	1200
1124844	42616	231234	65	N	50		24.8	-10.8	1.5	0	98	3.02	0		-10.8	1.5		396607.34	6908512.03	1199
1124844	42616	231310	65	N	62.5		24.8	-13.2	-2	-6	97	3.01	0		-13.2	-2		396619.01	6908519.73	1201
1124844	42616	231338	65	N	75		24.8	-10.1	-2.9	10	97	3.02	0		-10.1	-2.9		396627.71	6908531.58	1202
1124844	42616	231406	65	N	87.5		24.8	-8.4	-2	-3	97	3.01	0		-8.4	-2		396635.8	6908541.63	1203
1124844	42616	231430	65	N	100		24.8	-10.3	-4.3	8	98	3.02	0		-10.3	-4.3		396641.15	6908549.99	1204
1124844	42616	231458	65	N	112.5		24.8	-6	-3.2	9	98	3.03	0		-6	-3.2		396645.96	6908560.71	1204
1124844	42616	231534	65	N	125		24.8	-6.7	-5.8	12	98	3.04	0		-6.7	-5.8		396653.52	6908571.46	1205
1124844	42616	231602	65	N	137.5		24.8	-6.3	-7.5	23	95	3.03	0		-6.3	-7.5		396660.45	6908581.71	1205
1124844	42616	231630	65	N	150		24.8	-4.1	-5.6	-16	93	2.92	0		-4.1	-5.6		396668.92	6908590.81	1205
1124844	42616	231658	65	N	162.5		24.8	-1.7	-7.3	12	95	2.96	0		-1.7	-7.3		396675.89	6908601.61	1204
1124844	42616	231734	65	N	175		24.8	1.9	-5.8	0	93	2.86	0		1.9	-5.8		396682.46	6908613.3	1205
1124844	42616	231758	65	N	187.5		24.8	4.7	-5.3	-1	93	2.87	0		4.7	-5.3		396688.84	6908623.88	1205
1124844	42616	231826	65	N	200		24.8	8.9	-4.9	9	95	2.95	0		8.9	-4.9		396695.84	6908635.21	1205
1124844	42616	231854	65	N	212.5		24.8	8.7	-8	-6	96	2.96	0		8.7	-8		396705.38	6908641.29	1204
1124844	42616	231926	65	N	225		24.8	13.9	-5.2	-1	95	2.92	0		13.9	-5.2		396713.46	6908654.75	1203
1124844	42616	231950	65	N	237.5		24.8	12.4	-7.8	-4	97	2.99	0		12.4	-7.8		396719.67	6908662.46	1202
1124844	42616	232018	65	N	250		24.8	12.2	-12.2	-10	98	3.03	0		12.2	-12.2		396726.91	6908673.05	1202
1124844	42616	232046	65	N	262.5		24.8	15	-12.9	2	96	2.96	0		15	-12.9		396735.23	6908682.63	1201
1124844	42616	232114	65	N	275		24.8	22.4	-6.9	4	97	3.01	0		22.4	-6.9		396743.99	6908693.1	1201
1124844	42616	232142	65	N	287.5		24.8	28.4	-2	14	98	3.05	0		28.4	-2		396750.18	6908703.55	1201
1124844	42616	232210	65	N	300		24.8	20.8	-10	25	98	3.12	0		20.8	-10		396754.09	6908714.67	1200
1124844	42616	232238	65	N	312.5		24.8	17.7	-11.6	28	98	3.14	0		17.7	-11.6		396761.7	6908726.12	1199
1124844	42616	232306	65	N	325		24.8	22.5	-6	21	98	3.09	0		22.5	-6		396771.73	6908735.36	1198
1124844	42616	232334	65	N	337.5		24.8	26	-0.7	29	98	3.15	0		26	-0.7		396778.74	6908744.97	1197
1124844	42616	232406	65	N	350		24.8	18.4	-1.3	40	98	3.27	0		18.4	-1.3		396783.83	6908757.95	1197
1124844	42616	232434	65	N	362.5		24.8	15.5	2.3	19	98	3.07	0		15.5	2.3		396791.32	6908768.36	1196
1124844	42616	232506	65	N	375		24.8	-21	-8	38	98	3.24	0		-21	-8		396802.37	6908779.27	1195
1124844	42616	232534	65	N	387.5		24.8	-39.1	-17.7	16	98	3.06	0		-39.1	-17.7		396809.64	6908786.9	1194
1124844	42616	232610	65	N	400		24.8	-34.8	-11.3	26	97	3.11	0		-34.8	-11.3		396816.71	6908796.15	1194

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	232638	65	N	412.5		24.8	-28.8	-5.2	34	91	2.99	0		-28.8	-5.2		396823.29	6908806.92	1193
1124844	42616	232706	65	N	425		24.8	-23.7	-2.4	32	90	2.95	0		-23.7	-2.4		396831.03	6908816.59	1192
1124844	42616	232734	65	N	437.5		24.8	-19.6	-1.2	33	91	2.98	0		-19.6	-1.2		396839.05	6908826.28	1192
1124844	42616	232806	65	N	450		24.8	-13.3	2.1	29	91	2.95	0		-13.3	2.1		396846.03	6908837.97	1191
1124844	42616	232834	65	N	462.5		24.8	-11.8	2.4	19	92	2.91	0		-11.8	2.4		396853.53	6908848.25	1191
1124844	42616	232858	65	N	475		24.8	-6.4	5.6	29	92	2.99	0		-6.4	5.6		396860.29	6908858.52	1191
1124844	42616	232930	65	N	487.5		24.8	0.2	9.3	40	95	3.2	0		0.2	9.3		396866.77	6908870.73	1190
1124844	42616	232958	65	N	500		24.8	-2.1	7.3	25	98	3.12	0		-2.1	7.3		396873.86	6908884.24	1188
1124844	42616	233022	65	N	512.5		24.8	-13.9	-3	43	98	3.3	0		-13.9	-3		396879.83	6908893.89	1187
1124844	42616	233050	65	N	525		24.8	-19.1	-5	32	98	3.18	0		-19.1	-5		396891.41	6908901.6	1187
1124844	42616	233118	65	N	537.5		24.8	-21.9	-7.7	30	98	3.16	0		-21.9	-7.7		396899.61	6908912.48	1186
1124844	42616	233138	65	N	537.5		24.8	-23.6	-8.7	30	97	3.12	1					396899.51	6908912.41	1186
1124844	42616	233946	67	N	537.5		24.8	5.4	-4.3	26	91	2.93	0		5.4	-4.3		397020.72	6908820	1206
1124844	42616	234006	67	N	537.5		24.8	5.2	-3	27	89	2.89	1					397020.96	6908819.69	1206
1124844	42616	234034	67	N	525		24.8	6.7	-2.7	34	87	2.89	0		6.7	-2.7		397014.75	6908808.71	1207
1124844	42616	234202	67	N	512.5		24.8	9.7	0.7	25	92	2.93	0		9.7	0.7		397005.85	6908799.99	1209
1124844	42616	234234	67	N	500		24.8	10.8	0.2	18	95	2.98	0		10.8	0.2		396997.64	6908790.04	1209
1124844	42616	234302	67	N	487.5		24.8	12.9	1.4	18	97	3.05	0		12.9	1.4		396990.26	6908778.36	1208
1124844	42616	234330	67	N	475		24.8	7.3	-4.3	28	97	3.11	0		7.3	-4.3		396983.53	6908771.05	1209
1124844	42616	234402	67	N	462.5		24.8	-0.1	-10.9	24	97	3.08	0		-0.1	-10.9		396974.56	6908758.78	1208
1124844	42616	234434	67	N	450		24.8	0.9	-9.7	20	96	3.03	0		0.9	-9.7		396965.04	6908747.11	1208
1124844	42616	234458	67	N	437.5		24.8	0.4	-10.9	8	95	2.93	0		0.4	-10.9		396958.92	6908739.77	1209
1124844	42616	234526	67	N	425		24.8	1.7	-10.1	4	93	2.87	0		1.7	-10.1		396951.8	6908730.93	1209
1124844	42616	234558	67	N	412.5		24.8	7.3	-7.9	15	90	2.82	0		7.3	-7.9		396941.97	6908722.28	1208
1124844	42616	234634	67	N	400		24.8	9.7	-9.1	22	92	2.92	0		9.7	-9.1		396936.59	6908711.98	1209
1124844	42616	234710	67	N	387.5		24.8	13	-9.6	31	89	2.91	0		13	-9.6		396930.35	6908700.83	1209
1124844	42616	234746	67	N	375		24.8	21.1	-4.7	26	90	2.89	0		21.1	-4.7		396921.07	6908691.02	1209
1124844	42616	234822	67	N	362.5		24.8	27	1.3	22	97	3.08	0		27	1.3		396913.93	6908677.93	1210
1124844	42616	234850	67	N	350		24.8	22.9	-5	28	98	3.14	0		22.9	-5		396906.52	6908666.41	1209
1124844	42616	234930	67	N	337.5		24.8	16.3	-3.9	2	98	3.02	0		16.3	-3.9		396897.32	6908656.99	1208
1124844	42616	235006	67	N	325		24.8	12	-2.1	34	98	3.2	0		12	-2.1		396891.72	6908648	1208
1124844	42616	235042	67	N	312.5		24.8	-3.3	-4.1	48	98	3.37	0		-3.3	-4.1		396885.06	6908637.15	1209
1124844	42616	235110	67	N	300		24.8	-15.8	-4.3	43	98	3.3	0		-15.8	-4.3		396879.72	6908627.08	1211
1124844	42616	235154	67	N	287.5		24.8	-24.3	-2.7	53	98	3.44	0		-24.3	-2.7		396873.72	6908616.18	1209
1124844	42616	235626	67	N	275		24.8	-24.8	4.3	30	98	3.17	0		-24.8	4.3		396864.25	6908604.44	1209
1124844	42616	235658	67	N	262.5		24.8	-28.5	6.2	19	97	3.06	0		-28.5	6.2		396856.71	6908594.22	1209
1124844	42616	235730	67	N	250		24.8	-37.2	-0.3	-8	97	3.01	0		-37.2	-0.3		396849.87	6908582.67	1208
1124844	42616	235758	67	N	237.5		24.8	-33.3	4.7	16	87	2.72	0		-33.3	4.7		396842.94	6908572.28	1208
1124844	42616	235822	67	N	225		24.8	-33	4.7	0	84	2.6	0		-33	4.7		396836.26	6908563.77	1207
1124844	42616	235850	67	N	212.5		24.8	-32.9	0.2	16	78	2.47	0		-32.9	0.2		396828.8	6908554.33	1207
1124844	42616	235906	67	N	212.5		24.8	-30.3	3.6	7	82	2.56	1					396828.73	6908554.17	1207
1124844	42616	235934	67	N	200		24.8	-22.4	5.3	15	70	2.23	0		-22.4	5.3		396821.66	6908543.85	1207
1124844	42616	6	67	N	187.5		24.8	-15.3	10.4	14	69	2.18	0		-15.3	10.4		396813.52	6908532.19	1207
1124844	42616	34	67	N	175		24.8	-14.6	10.2	5	75	2.32	0		-14.6	10.2		396806.59	6908523.37	1206
1124844	42616	106	67	N	162.5		24.8	-7.1	13	13	76	2.38	0		-7.1	13		396798.11	6908510.91	1206
1124844	42616	138	67	N	150		24.8	0.9	17	4	73	2.28	0		0.9	17		396791.51	6908501.25	1206
1124844	42616	210	67	N	137.5		24.8	13.2	16.3	17	71	2.26	0		13.2	16.3		396784.11	6908490.84	1205
1124844	42616	242	67	N	125		24.8	22.2	22.3	9	70	2.18	0		22.2	22.3		396776.48	6908480.14	1205
1124844	42616	322	67	N	112.5		24.8	18.5	16	12	76	2.38	0		18.5	16		396765.91	6908468.78	1205
1124844	42616	406	67	N	100		24.8	20	15.3	16	75	2.37	0		20	15.3		396760.66	6908459.61	1203
1124844	42616	442	67	N	87.5		24.8	15.8	15.2	17	81	2.56	0		15.8	15.2		396752.53	6908450.33	1203
1124844	42616	514	67	N	75		24.8	14.2	13.2	-6	80	2.47	0		14.2	13.2		396745.3	6908438.29	1202
1124844	42616	546	67	N	62.5		24.8	6.8	8.1	-4	79	2.45	0		6.8	8.1		396737.7	6908429.06	1202
1124844	42616	614	67	N	50		24.8	-2.6	1.5	6	94	2.92	0		-2.6	1.5		396731.07	6908421.29	1203
1124844	42616	646	67	N	37.5		24.8	22.8	11.1	4	70	2.16	0		22.8	11.1		396725.92	6908408.18	1203
1124844	42616	722	67	N	25		24.8	2.1	4	9	86	2.67	0		2.1	4		396719.33	6908397.88	1202
1124844	42616	754	67	N	12.5		24.8	5.1	8.9	-13	77	2.42	0		5.1	8.9		396711.48	6908387.89	1203
1124844	42616	822	67	N	0		24.8	14.4	5.5	27	73	2.42	0		14.4	5.5		396703.35	6908376.71	1202
8042728	42615	185634	52	N	850		24.8	13.2	11.4	0	70	4.34	0		13.2	11.4		395809.91	6908778.13	1263
8042728	42615	185650	52	N	850		24.8	12.8	12	1	71	4.39	1					395809.87	6908778.51	1263
8042728	42615	185706	52	N	850		24.8	13.1	11.6	5	71	4.39	1					395809.87	6908778.59	1263
8042728	42615	185806	52	N	837.5		24.8	8.3	8.5	4	70	4.37	0		8.3	8.5		395801.47	6908769	1263
8042728	42615	185922	52	N	825		24.8	7.2	8.8	4	69	4.31	0		7.2	8.8		395793.95	6908759.58	1266
8042728	42615	185954	52	N	812.5		24.8	5.3	9.1	-3	68	4.24	0		5.3	9.1		395785.99	6908750.09	1270
8042728	42615	190026	52	N	800		24.8	4.4	9.3	-9	67	4.19	0		4.4	9.3		395779.26	6908739.85	1272
8042728	42615	190058	52	N	787.5		24.8	5.1	9.6	-4	66	4.09	0		5.1	9.6		395773.24	6908729.59	1275

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	190130	52	N	775		24.8	4.2	7.5	3	66	4.07	0		4.2	7.5		395764.99	6908718.09	1278
8042728	42615	190158	52	N	762.5		24.8	5.6	8.6	-10	68	4.24	0		5.6	8.6		395758.86	6908708.54	1280
8042728	42615	190222	52	N	750		24.8	5.3	7.5	-1	66	4.1	0		5.3	7.5		395752.21	6908698.23	1280
8042728	42615	190250	52	N	737.5		24.8	4	5.9	0	68	4.23	0		4	5.9		395745.77	6908687.68	1281
8042728	42615	190318	52	N	725		24.8	2.7	4	-20	67	4.32	0		2.7	4		395739.47	6908675.91	1281
8042728	42615	190346	52	N	712.5		24.8	3.2	3.8	0	67	4.13	0		3.2	3.8		395731.42	6908665.26	1279
8042728	42615	190414	52	N	700		24.8	2.7	3.3	-3	69	4.25	0		2.7	3.3		395723.37	6908652.13	1277
8042728	42615	190434	52	N	687.5		24.8	2.7	3.3	-3	69	4.28	0		2.7	3.3		395718.9	6908644.01	1276
8042728	42615	190458	52	N	675		24.8	1.8	3.3	-4	70	4.33	0		1.8	3.3		395713.59	6908635.68	1274
8042728	42615	190530	52	N	662.5		24.8	0.6	3	-5	70	4.37	0		0.6	3		395706.51	6908625.07	1272
8042728	42615	190554	52	N	650		24.8	-2.8	1.5	1	69	4.25	0		-2.8	1.5		395699.09	6908616.23	1268
8042728	42615	190618	52	N	637.5		24.8	-5.3	0.2	4	71	4.41	0		-5.3	0.2		395692.06	6908606.77	1266
8042728	42615	190646	52	N	625		24.8	-8.5	-2.2	-4	72	4.48	0		-8.5	-2.2		395682.16	6908595.39	1263
8042728	42615	190714	52	N	612.5		24.8	-22.7	-11.9	-7	71	4.44	0		-22.7	-11.9		395674.7	6908582.82	1263
8042728	42615	190746	52	N	600		24.8	-24.3	-12.1	-20	63	4.08	0		-24.3	-12.1		395668.75	6908572.01	1263
8042728	42615	190810	52	N	587.5		24.8	-20.4	-10.1	-9	62	3.87	0		-20.4	-10.1		395664.1	6908563.2	1264
8042728	42615	190838	52	N	575		24.8	-16	-5.6	-19	61	3.97	0		-16	-5.6		395659.25	6908551.47	1263
8042728	42615	190906	52	N	562.5		24.8	-13.9	-7.2	-12	60	3.81	0		-13.9	-7.2		395654.8	6908539.22	1260
8042728	42615	190934	52	N	550		24.8	-10	-3.9	-11	58	3.65	0		-10	-3.9		395648.26	6908529.82	1257
8042728	42615	191002	52	N	537.5		24.8	-6.3	-0.5	-12	59	3.73	0		-6.3	-0.5		395641.22	6908521.35	1257
8042728	42615	191030	52	N	525		24.8	-1.8	1.6	-14	60	3.82	0		-1.8	1.6		395633.3	6908512.12	1252
8042728	42615	191050	52	N	525		24.8	-1.8	1.7	-7	59	3.66	1					395633.52	6908513.57	1254
8042728	42615	191106	52	N	525		24.8	-2.3	1.6	-16	60	3.87	1					395633.75	6908512.65	1252
8042728	42615	191134	52	N	512.5		24.8	2.2	4.7	-15	60	3.86	0		2.2	4.7		395626.31	6908503.73	1254
8042728	42615	191206	52	N	500		24.8	5.4	6.7	-7	62	3.86	0		5.4	6.7		395623.33	6908491.85	1246
8042728	42615	191242	52	N	487.5		24.8	8.5	8.6	-17	65	4.19	0		8.5	8.6		395613.34	6908484.8	1243
8042728	42615	191318	52	N	475		24.8	6.4	5.3	0	69	4.27	0		6.4	5.3		395603.44	6908475.97	1244
8042728	42615	191350	52	N	462.5		24.8	4.2	4.8	-20	72	4.61	0		4.2	4.8		395599.57	6908465.5	1238
8042728	42615	191426	52	N	450		24.8	0.5	2.2	-19	71	4.57	0		0.5	2.2		395594.99	6908455.66	1235
8042728	42615	191458	52	N	437.5		24.8	0	4.8	-19	72	4.61	0		0	4.8		395588.09	6908443.67	1236
8042728	42615	191514	52	N	437.5		24.8	0.3	5.1	-21	73	4.69	1					395588.45	6908444.63	1236
8042728	42615	191546	52	N	425		24.8	-3.4	5.8	-17	81	5.11	0		-3.4	5.8		395581.43	6908432.64	1233
8042728	42615	191638	52	N	412.5		24.8	-17.6	-3.1	25	74	4.86	0		-17.6	-3.1		395573.54	6908422.57	1232
8042728	42615	191706	52	N	400		24.8	-26.9	-8.2	17	70	4.48	0		-26.9	-8.2		395568.09	6908414.55	1234
8042728	42615	191754	52	N	387.5		24.8	-28.3	-7.1	0	71	4.41	0		-28.3	-7.1		395559.99	6908407.62	1233
8042728	42615	191834	52	N	375		24.8	-30.1	-7.6	4	66	4.07	0		-30.1	-7.6		395549.66	6908397.66	1228
8042728	42615	191902	52	N	362.5		24.8	-29.2	-6.1	1	63	3.92	0		-29.2	-6.1		395540.13	6908389.57	1224
8042728	42615	191930	52	N	362.5		24.8	-29	-5.8	-9	65	4.07	1					395543.6	6908389.26	1227
8042728	42615	192002	52	N	350		24.8	-25.1	-1.8	-20	62	4.02	0		-25.1	-1.8		395538.6	6908379.98	1228
8042728	42615	192034	52	N	337.5		24.8	-20.6	2.5	-12	63	3.96	0		-20.6	2.5		395532.29	6908366.33	1219
8042728	42615	192058	52	N	325		24.8	-19.4	3.6	-14	64	4.09	0		-19.4	3.6		395522.54	6908356.51	1222
8042728	42615	192130	52	N	312.5		24.8	-17.7	3.9	-29	62	4.23	0		-17.7	3.9		395518.45	6908345.62	1221
8042728	42615	192158	52	N	300		24.8	-17.7	2.4	-30	61	4.21	0		-17.7	2.4		395513.76	6908335.26	1217
8042728	42615	192226	52	N	287.5		24.8	-18.3	1.6	-27	62	4.17	0		-18.3	1.6		395510.03	6908323.33	1214
8042728	42615	192254	52	N	275		24.8	-16.7	3	-46	52	4.32	0		-16.7	3		395503.27	6908312.81	1213
8042728	42615	192342	52	N	262.5		24.8	-15	1.9	-18	60	3.86	0		-15	1.9		395496	6908302.38	1212
8042728	42615	192410	52	N	250		24.8	-13.5	3	2	62	3.82	0		-13.5	3		395489.12	6908293.09	1211
8042728	42615	192434	52	N	237.5		24.8	-11.3	3.8	13	62	3.92	0		-11.3	3.8		395478.6	6908287.73	1210
8042728	42615	192514	52	N	225		24.8	-13.5	0	15	62	3.97	0		-13.5	0		395469.24	6908275.5	1207
8042728	42615	192554	52	N	212.5		24.8	-15.4	-1.1	-13	63	3.98	0		-15.4	-1.1		395464.1	6908267.39	1206
8042728	42615	192630	52	N	200		24.8	-15.2	-0.5	-8	64	3.99	0		-15.2	-0.5		395458.22	6908259.18	1202
8042728	42615	192706	52	N	187.5		24.8	-11.9	2.9	-22	60	3.97	0		-11.9	2.9		395450.57	6908247.68	1205
8042728	42615	192742	52	N	175		24.8	-8.7	4.7	-16	62	3.98	0		-8.7	4.7		395443.5	6908235.41	1197
8042728	42615	192814	52	N	162.5		24.8	-10.2	2	-4	66	4.11	0		-10.2	2		395438.17	6908226.4	1197
8042728	42615	192838	52	N	150		24.8	-9.4	2.8	-2	65	4.02	0		-9.4	2.8		395437.85	6908227.13	1194
8042728	42615	192918	52	N	150		24.8	-12	-0.2	-5	66	4.12	1					395431.03	6908218.38	1195
8042728	42615	192958	52	N	137.5		24.8	-14	-1.1	-8	66	4.1	0		-14	-1.1		395425.28	6908207.01	1193
8042728	42615	193038	52	N	125		24.8	-14.7	-2.1	-12	66	4.18	0		-14.7	-2.1		395416.37	6908194.36	1190
8042728	42615	193142	52	N	112.5		24.8	-16.7	-4.3	-26	63	4.22	0		-16.7	-4.3		395410.99	6908184.47	1190
8042728	42615	193214	52	N	100		24.8	-15.6	-2.7	-31	61	4.25	0		-15.6	-2.7		395408.72	6908172.99	1188
8042728	42615	193250	52	N	87.5		24.8	-15.4	-3.4	-25	63	4.22	0		-15.4	-3.4		395402.34	6908164.5	1186
8042728	42615	193322	52	N	75		24.8	-15	-3.8	-8	64	4.02	0		-15	-3.8		395396.8	6908155.84	1188
8042728	42615	193358	52	N	62.5		24.8	-17.4	-6.7	-8	65	4.03	0		-17.4	-6.7		395387.63	6908146.28	1183
8042728	42615	193434	52	N	50		24.8	-17.8	-6.9	-25	62	4.14	0		-17.8	-6.9		395381.26	6908138.34	1181
8042728	42615	193510	52	N	37.5		24.8	-20.4	-9.7	-11	64	4.05	0		-20.4	-9.7		395372.56	6908126.72	1178
8042728	42615	193546	52	N	25		24.8	-21.5	-12.4	-14	61	3.89	0		-21.5	-12.4		395366.01	6908116.77	1174

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	193630	52	N	12.5		24.8	-19.8	-12	-7	61	3.81	0		-19.8	-12		395361.91	6908106.41	1172
8042728	42615	193734	52	N	0		24.8	-17	-10.6	-15	60	3.83	0		-17	-10.6		395355.8	6908099.93	1170
8042728	42615	193818	52	N	-12.5		24.8	-14.3	-8.1	-33	56	4.03	0		-14.3	-8.1		395352.33	6908086.99	1162
8042728	42615	193906	52	N	-25		24.8	-13.5	-8.2	-10	60	3.75	0		-13.5	-8.2		395343.12	6908075.83	1156
8042728	42615	193946	52	N	-37.5		24.8	-9.8	-6.1	-8	59	3.69	0		-9.8	-6.1		395336.34	6908069.29	1158
8042728	42615	194022	52	N	-50		24.8	-10	-6.8	-7	60	3.74	0		-10	-6.8		395330.13	6908057.77	1154
8042728	42615	194102	52	N	-62.5		24.8	-8.7	-7.1	-17	60	3.86	0		-8.7	-7.1		395321.66	6908051.49	1150
8042728	42615	194130	52	N	-75		24.8	-7.6	-6.4	-14	59	3.76	0		-7.6	-6.4		395317.02	6908041.74	1145
8042728	42615	194146	52	N	-75		24.8	-7.1	-5	-18	58	3.77	1					395316.2	6908039.59	1142
8042728	42615	194202	52	N	-75		24.8	-7.5	-5.6	-18	59	3.81	1					395316.32	6908036.17	1150
8042728	42615	195350	54	N	-12.5		24.8	28.4	12.3	-3	63	3.88	0		28.4	12.3		395450.36	6907967.59	1154
8042728	42615	195406	54	N	-12.5		24.8	28.3	12.5	-4	62	3.86	1					395450.28	6907967.22	1154
8042728	42615	195438	54	N	0		24.8	-28.7	-13.2	-4	62	3.87	0		-28.7	-13.2		395450.22	6907967.54	1154
8042728	42615	195522	54	N	12.5		24.8	-29	-13	-11	64	3.99	0		-29	-13		395458.45	6907979.44	1151
8042728	42615	195614	54	N	25		24.8	-25.6	-11.2	-21	64	4.17	0		-25.6	-11.2		395463.85	6907992.28	1156
8042728	42615	195646	54	N	37.5		24.8	-20.9	-5.4	-24	64	4.26	0		-20.9	-5.4		395466.89	6908000.68	1159
8042728	42615	195726	54	N	50		24.8	-18.8	-1.6	-15	65	4.13	0		-18.8	-1.6		395473.54	6908012.68	1159
8042728	42615	195802	54	N	62.5		24.8	-21	-4.8	-15	63	4	0		-21	-4.8		395482.21	6908024.92	1163
8042728	42615	195850	54	N	75		24.8	-22.1	-4.6	-11	65	4.09	0		-22.1	-4.6		395486.93	6908033.67	1163
8042728	42615	195926	54	N	87.5		24.8	-19.4	-2.2	-18	65	4.17	0		-19.4	-2.2		395492.51	6908042.15	1163
8042728	42615	195958	54	N	100		24.8	-15.5	0.9	-25	63	4.19	0		-15.5	0.9		395497.81	6908052.88	1166
8042728	42615	200106	54	N	112.5		24.8	-12.7	6.8	-17	63	4.02	0		-12.7	6.8		395506.77	6908065.12	1171
8042728	42615	200146	54	N	125		24.8	-15.3	7.1	0	60	3.69	0		-15.3	7.1		395515.62	6908072.58	1170
8042728	42615	200222	54	N	137.5		24.8	-19.2	3.7	-3	58	3.6	0		-19.2	3.7		395524.17	6908084.42	1169
8042728	42615	200254	54	N	150		24.8	-22.4	3.2	10	58	3.65	0		-22.4	3.2		395530.22	6908089.76	1173
8042728	42615	200330	54	N	162.5		24.8	-26.2	0.2	26	54	3.71	0		-26.2	0.2		395539.37	6908098.95	1171
8042728	42615	200410	54	N	175		24.8	-31.6	-5	3	57	3.51	0		-31.6	-5		395547.63	6908108.54	1175
8042728	42615	200450	54	N	187.5		24.8	-34.7	-6.8	-1	58	3.57	0		-34.7	-6.8		395554.01	6908121.71	1170
8042728	42615	200542	54	N	200		24.8	-34.3	-4.7	4	61	3.8	0		-34.3	-4.7		395559.22	6908131.38	1173
8042728	42615	200626	54	N	212.5		24.8	-32.6	-4.6	-15	61	3.91	0		-32.6	-4.6		395567.41	6908140.98	1175
8042728	42615	200702	54	N	225		24.8	-32.2	-1.8	0	63	3.93	0		-32.2	-1.8		395569.91	6908151.71	1177
8042728	42615	200742	54	N	237.5		24.8	-35.9	-3.9	11	61	3.82	0		-35.9	-3.9		395580.89	6908157.4	1181
8042728	42615	200818	54	N	250		24.8	-36	-5	13	62	3.91	0		-36	-5		395586.54	6908167.49	1179
8042728	42615	200858	54	N	262.5		24.8	-37.5	-6.8	-2	65	4.02	0		-37.5	-6.8		395595.47	6908178.67	1177
8042728	42615	200930	54	N	275		24.8	-35.9	-7	-9	71	4.41	0		-35.9	-7		395605.38	6908187.03	1181
8042728	42615	201002	54	N	287.5		24.8	-24.2	3.1	0	72	4.46	0		-24.2	3.1		395611.18	6908197.03	1184
8042728	42615	201050	54	N	300		24.8	-18.7	7.4	4	69	4.3	0		-18.7	7.4		395615.54	6908204.74	1185
8042728	42615	201130	54	N	312.5		24.8	-17.6	6.8	-16	65	4.14	0		-17.6	6.8		395622.8	6908218.2	1186
8042728	42615	201202	54	N	325		24.8	-19.6	5	-15	63	4.01	0		-19.6	5		395630.45	6908226.76	1189
8042728	42615	201254	54	N	337.5		24.8	-21.7	2.7	-21	61	3.97	0		-21.7	2.7		395633.56	6908240.53	1189
8042728	42615	201346	54	N	350		24.8	-22.9	2.7	-17	64	4.08	0		-22.9	2.7		395642.24	6908251.74	1193
8042728	42615	201422	54	N	362.5		24.8	-25.5	0.3	-16	63	4.04	0		-25.5	0.3		395647.81	6908260.05	1193
8042728	42615	201502	54	N	375		24.8	-27.7	-1.3	-12	64	4.07	0		-27.7	-1.3		395653.49	6908270.34	1195
8042728	42615	201538	54	N	387.5		24.8	-32.5	-6.7	-15	65	4.12	0		-32.5	-6.7		395658.41	6908277.24	1196
8042728	42615	201642	54	N	400		24.8	-34.9	-9	-1	69	4.28	0		-34.9	-9		395666.61	6908290.53	1199
8042728	42615	201718	54	N	412.5		24.8	-26.9	-2.8	0	75	4.67	0		-26.9	-2.8		395674.83	6908298.8	1201
8042728	42615	201754	54	N	425		24.8	-21.8	-1.3	0	73	4.5	0		-21.8	-1.3		395687.41	6908308.82	1204
8042728	42615	201838	54	N	437.5		24.8	-20.6	-1.5	0	75	4.64	0		-20.6	-1.5		395691.41	6908315.75	1204
8042728	42615	201918	54	N	450		24.8	-14.8	0.5	3	79	4.91	0		-14.8	0.5		395700.12	6908326.23	1205
8042728	42615	201954	54	N	462.5		24.8	-3	6.3	-5	78	4.85	0		-3	6.3		395706.64	6908335.01	1206
8042728	42615	202038	54	N	475		24.8	1.3	8.6	1	74	4.58	0		1.3	8.6		395710.09	6908344.91	1208
8042728	42615	202122	54	N	487.5		24.8	1	5.6	-12	69	4.37	0		1	5.6		395718.94	6908352.94	1212
8042728	42615	202610	54	N	500		24.8	-1.2	2.9	-9	68	4.26	0		-1.2	2.9		395726.14	6908366.01	1213
8042728	42615	202642	54	N	512.5		24.8	2.2	6.8	-7	68	4.26	0		2.2	6.8		395730.58	6908376.22	1215
8042728	42615	202722	54	N	525		24.8	1.6	7.4	1	65	4.05	0		1.6	7.4		395740.16	6908385.35	1217
8042728	42615	202850	54	N	537.5		24.8	-2	3.4	-17	63	4.02	0		-2	3.4		395745.55	6908397.96	1221
8042728	42615	202934	54	N	550		24.8	-5.3	3.5	1	61	3.81	0		-5.3	3.5		395756.17	6908406.8	1226
8042728	42615	203018	54	N	562.5		24.8	-8.4	1.4	-1	61	3.76	0		-8.4	1.4		395760.43	6908416.68	1225
8042728	42615	203058	54	N	575		24.8	-12.2	-0.4	1	59	3.68	0		-12.2	-0.4		395766.57	6908425.08	1226
8042728	42615	203134	54	N	587.5		24.8	-14.4	-0.3	-1	61	3.77	0		-14.4	-0.3		395769.9	6908435.05	1231
8042728	42615	203218	54	N	600		24.8	-14.8	1	-14	61	3.89	0		-14.8	1		395777.75	6908443.55	1231
8042728	42615	203306	54	N	612.5		24.8	-18.9	-1.2	-13	57	3.65	0		-18.9	-1.2		395783.36	6908451.12	1231
8042728	42615	203346	54	N	625		24.8	-21.4	-3.9	-26	57	3.91	0		-21.4	-3.9		395791.66	6908462.58	1238
8042728	42615	203434	54	N	637.5		24.8	-29.4	-7.7	-16	59	3.81	0		-29.4	-7.7		395795.89	6908474.84	1235
8042728	42615	203518	54	N	650		24.8	-34.4	-9.6	-7	63	3.92	0		-34.4	-9.6		395803.33	6908485.41	1237
8042728	42615	203554	54	N	662.5		24.8	-34.2	-8.3	-17	61	3.95	0		-34.2	-8.3		395808.36	6908494.93	1238

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	203630	54	N	675		24.8	-38.6	-8.7	-12	66	4.14	0		-38.6	-8.7		395819.11	6908505.31	1238
8042728	42615	203714	54	N	687.5		24.8	-40.9	-8.7	1	68	4.19	0		-40.9	-8.7		395829.42	6908508.55	1240
8042728	42615	203802	54	N	700		24.8	-44.8	-11.8	1	69	4.3	0		-44.8	-11.8		395835.53	6908520.18	1238
8042728	42615	203846	54	N	712.5		24.8	-29	0.1	-6	80	4.96	0		-29	0.1		395842.97	6908531.96	1239
8042728	42615	203926	54	N	725		24.8	-18.2	5.8	-20	77	4.94	0		-18.2	5.8		395848.55	6908542.65	1239
8042728	42615	204010	54	N	737.5		24.8	-15.7	9.1	9	75	4.66	0		-15.7	9.1		395854.46	6908552.77	1242
8042728	42615	204046	54	N	750		24.8	-9.9	13.4	8	74	4.61	0		-9.9	13.4		395862.77	6908563.71	1241
8042728	42615	204118	54	N	762.5		24.8	-9.8	13	-5	74	4.61	0		-9.8	13		395870.24	6908569.98	1240
8042728	42615	204210	54	N	775		24.8	-8.9	15.1	4	69	4.26	0		-8.9	15.1		395876.47	6908580.9	1240
8042728	42615	204246	54	N	787.5		24.8	-10.2	14.5	-5	68	4.22	0		-10.2	14.5		395885.37	6908590.99	1243
8042728	42615	204330	54	N	800		24.8	-13.1	10	-23	65	4.28	0		-13.1	10		395891.14	6908599.71	1243
8042728	42615	204418	54	N	812.5		24.8	-15.2	6.9	-31	63	4.34	0		-15.2	6.9		395892.74	6908611.08	1246
8042728	42615	204522	54	N	825		24.8	-13.1	5.8	-57	54	4.84	0		-13.1	5.8		395892.43	6908626.97	1249
8042728	42615	204726	54	N	837.5		24.8	-23.7	3.7	0	67	4.15	0		-23.7	3.7		395903.82	6908634.76	1247
8042728	42615	204826	54	N	850		24.8	-26.8	1	6	67	4.2	0		-26.8	1		395911.72	6908638.85	1243
8042728	42615	204906	54	N	862.5		24.8	-23.6	2.4	9	72	4.51	0		-23.6	2.4		395919.84	6908645.86	1242
8042728	42615	205006	54	N	875		24.8	-17	5.8	3	78	4.8	0		-17	5.8		395928.69	6908654.8	1242
8042728	42615	205022	54	N	875		24.8	-18	6	1	77	4.76	1					395928.85	6908654.54	1243
8042728	42615	205058	54	N	887.5		24.8	-14.4	4.9	-10	78	4.84	0		-14.4	4.9		395935.7	6908663.23	1243
8042728	42615	205126	54	N	887.5		24.8	-14.7	5.4	-9	75	4.67	1					395935.65	6908662.63	1244
8042728	42615	205142	54	N	887.5		24.8	-14.8	5	-10	76	4.74	1					395935.3	6908662.71	1242
8042728	42615	213730	56	N	1200		24.8	18.5	11.1	-9	61	3.84	0		18.5	11.1		396257.74	6908867.48	1224
8042728	42615	213746	56	N	1200		24.8	18.8	11	-11	60	3.77	1					396257.67	6908867.52	1224
8042728	42615	213802	56	N	1200		24.8	20	11.7	-3	62	3.85	1					396257.4	6908864.77	1211
8042728	42615	213918	56	N	1187.5		24.8	19.4	8.1	-6	58	3.59	0		19.4	8.1		396248.46	6908855.17	1228
8042728	42615	213950	56	N	1175		24.8	18.9	7.1	-3	59	3.65	0		18.9	7.1		396241.48	6908844.25	1218
8042728	42615	214122	56	N	1162.5		24.8	22.4	7.1	5	56	3.48	0		22.4	7.1		396233.09	6908830.92	1220
8042728	42615	214150	56	N	1150		24.8	19.9	5	-11	59	3.72	0		19.9	5		396228.4	6908823.88	1222
8042728	42615	214222	56	N	1137.5		24.8	21	3.4	-9	58	3.66	0		21	3.4		396221.57	6908812.22	1222
8042728	42615	214258	56	N	1125		24.8	23	3.5	-6	58	3.62	0		23	3.5		396217.37	6908802.53	1222
8042728	42615	214410	56	N	1112.5		24.8	24.7	1.9	-1	56	3.49	0		24.7	1.9		396210.28	6908790.6	1222
8042728	42615	214438	56	N	1100		24.8	26	0.6	1	56	3.44	0		26	0.6		396203.49	6908782.4	1223
8042728	42615	214514	56	N	1087.5		24.8	27.8	-0.8	0	57	3.51	0		27.8	-0.8		396195.33	6908773.16	1225
8042728	42615	214546	56	N	1075		24.8	26.2	-4.3	-3	58	3.62	0		26.2	-4.3		396187.8	6908761.19	1221
8042728	42615	214614	56	N	1062.5		24.8	28.7	-4.9	0	58	3.62	0		28.7	-4.9		396180.31	6908750.17	1222
8042728	42615	214650	56	N	1050		24.8	28.2	-7.5	5	58	3.63	0		28.2	-7.5		396174.51	6908742.11	1223
8042728	42615	214722	56	N	1037.5		24.8	30.4	-6.4	3	56	3.47	0		30.4	-6.4		396165.45	6908732.37	1221
8042728	42615	214738	56	N	1037.5		24.8	31.7	-6.1	0	56	3.47	1					396165.31	6908731.97	1221
8042728	42615	214754	56	N	1037.5		24.8	32.3	-6.2	1	56	3.45	1					396164.76	6908731.22	1223
8042728	42615	214922	56	N	1025		24.8	35.6	-4.2	15	56	3.6	0		35.6	-4.2		396157.25	6908722.74	1221
8042728	42615	214954	56	N	1012.5		24.8	36.7	-2	14	58	3.73	0		36.7	-2		396148.93	6908712.45	1220
8042728	42615	215026	56	N	1000		24.8	33.3	-5.3	20	58	3.82	0		33.3	-5.3		396140.36	6908704.77	1220
8042728	42615	215058	56	N	987.5		24.8	30.9	-6.3	9	63	3.92	0		30.9	-6.3		396135.02	6908695.96	1220
8042728	42615	215154	56	N	975		24.8	28	-5.6	8	65	4.03	0		28	-5.6		396124.56	6908684.62	1219
8042728	42615	215226	56	N	962.5		24.8	27.2	-2.2	-3	67	4.17	0		27.2	-2.2		396119.46	6908678.55	1225
8042728	42615	215258	56	N	950		24.8	18.7	-3.2	2	73	4.54	0		18.7	-3.2		396111.05	6908667.11	1219
8042728	42615	215330	56	N	937.5		24.8	0.1	-9	-8	74	4.62	0		0.1	-9		396103.16	6908654.82	1218
8042728	42615	215406	56	N	925		24.8	-6.8	-10.3	-12	66	4.19	0		-6.8	-10.3		396096.23	6908644.78	1217
8042728	42615	215438	56	N	912.5		24.8	-5.5	-7.9	4	63	3.91	0		-5.5	-7.9		396090	6908635.51	1216
8042728	42615	215506	56	N	900		24.8	-8.2	-6.6	-19	60	3.88	0		-8.2	-6.6		396084.78	6908626.65	1219
8042728	42615	215554	56	N	887.5		24.8	-5.4	-3.9	-10	60	3.78	0		-5.4	-3.9		396076.63	6908613.99	1216
8042728	42615	215630	56	N	875		24.8	-2	1.6	-21	58	3.82	0		-2	1.6		396069.11	6908600.97	1212
8042728	42615	215714	56	N	862.5		24.8	5.8	7.6	1	59	3.64	0		5.8	7.6		396063.26	6908590.79	1215
8042728	42615	215742	56	N	850		24.8	10.2	12.1	2	60	3.69	0		10.2	12.1		396056.21	6908581.74	1209
8042728	42615	215810	56	N	837.5		24.8	12.3	15.4	-11	62	3.88	0		12.3	15.4		396048.91	6908572.1	1216
8042728	42615	215850	56	N	825		24.8	12.4	16.5	-18	65	4.17	0		12.4	16.5		396041.83	6908560.84	1207
8042728	42615	215930	56	N	812.5		24.8	10.3	17.7	-9	71	4.44	0		10.3	17.7		396035.28	6908550.57	1209
8042728	42615	220026	56	N	800		24.8	3.3	14	-8	74	4.64	0		3.3	14		396032.42	6908543.11	1212
8042728	42615	220110	56	N	787.5		24.8	-14.6	6.1	-5	70	4.33	0		-14.6	6.1		396024.62	6908532.76	1214
8042728	42615	220326	56	N	775		24.8	-15.5	9.1	-33	67	4.62	0		-15.5	9.1		396020.78	6908521.26	1213
8042728	42615	220414	56	N	775		24.8	-15.1	9.1	-36	64	4.58	1					396021.87	6908522.22	1209
8042728	42615	220454	56	N	762.5		24.8	-15.1	11.1	-16	69	4.4	0		-15.1	11.1		396018.22	6908510.3	1208
8042728	42615	220534	56	N	750		24.8	-21.2	6.7	18	69	4.42	0		-21.2	6.7		396008.88	6908498.07	1208
8042728	42615	220606	56	N	737.5		24.8	-27.8	4.3	17	67	4.28	0		-27.8	4.3		396003.08	6908491.98	1207
8042728	42615	220646	56	N	725		24.8	-34.7	1.6	4	68	4.25	0		-34.7	1.6		395992.71	6908482.8	1205
8042728	42615	220714	56	N	712.5		24.8	-43.9	-4.4	17	62	4	0		-43.9	-4.4		395984.62	6908472.7	1203

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	220754	56	N	700		24.8	-40.3	-0.6	1	61	3.79	0		-40.3	-0.6		395976.33	6908463.17	1199
8042728	42615	220822	56	N	687.5		24.8	-42.1	-2	-5	59	3.65	0		-42.1	-2		395971.09	6908455.54	1203
8042728	42615	220858	56	N	675		24.8	-38.6	0	2	56	3.47	0		-38.6	0		395961.13	6908442.48	1201
8042728	42615	220926	56	N	662.5		24.8	-36.1	-0.2	6	55	3.46	0		-36.1	-0.2		395952.35	6908434.63	1201
8042728	42615	221006	56	N	650		24.8	-36.1	-3.2	-5	52	3.26	0		-36.1	-3.2		395945.74	6908426.73	1200
8042728	42615	221042	56	N	637.5		24.8	-31.5	-1.3	-2	53	3.28	0		-31.5	-1.3		395937.94	6908418.78	1198
8042728	42615	221114	56	N	625		24.8	-26.3	1.8	-24	49	3.39	0		-26.3	1.8		395931.46	6908406.81	1198
8042728	42615	221158	56	N	612.5		24.8	-19.2	3.2	-19	101	3.18	0		-19.2	3.2		395922.5	6908396.61	1196
8042728	42615	221230	56	N	600		24.8	-14.1	5.3	-5	104	3.21	0		-14.1	5.3		395915.59	6908386.05	1195
8042728	42615	221258	56	N	587.5		24.8	-11	5.6	-26	104	3.32	0		-11	5.6		395907.69	6908378.7	1193
8042728	42615	221514	56	N	575		24.8	-7.9	4.5	-23	104	3.3	0		-7.9	4.5		395902.83	6908363.22	1194
8042728	42615	221554	56	N	562.5		24.8	-5	5	-23	105	3.32	0		-5	5		395895.76	6908357.96	1189
8042728	42615	221618	56	N	550		24.8	-1.7	5.7	-37	102	3.36	0		-1.7	5.7		395893.16	6908347.49	1190
8042728	42615	221646	56	N	537.5		24.8	1.6	6.9	-35	105	3.41	0		1.6	6.9		395889.33	6908336.09	1187
8042728	42615	221714	56	N	525		24.8	5.8	8.5	-19	110	3.45	0		5.8	8.5		395878.41	6908323.41	1184
8042728	42615	221750	56	N	512.5		24.8	11.1	9.5	-2	114	3.5	0		11.1	9.5		395872.2	6908315.3	1182
8042728	42615	221818	56	N	500		24.8	8.2	4.3	-7	115	3.56	0		8.2	4.3		395865.36	6908306.02	1181
8042728	42615	221842	56	N	487.5		24.8	9.9	4.7	-21	116	3.64	0		9.9	4.7		395861.17	6908298.78	1178
8042728	42615	221914	56	N	475		24.8	13.7	6	-14	115	3.58	0		13.7	6		395852.74	6908281.31	1178
8042728	42615	221942	56	N	462.5		24.8	14.8	6.8	-9	118	3.65	0		14.8	6.8		395848.17	6908272.14	1174
8042728	42615	222022	56	N	450		24.8	17.4	8.7	-2	122	3.77	0		17.4	8.7		395841.27	6908261.74	1177
8042728	42615	222102	56	N	437.5		24.8	15.2	10.2	-3	64	3.97	0		15.2	10.2		395835.5	6908249.67	1173
8042728	42615	222126	56	N	425		24.8	9.6	5.6	9	69	4.31	0		9.6	5.6		395831.02	6908238.45	1170
8042728	42615	222214	56	N	412.5		24.8	-1.5	1.4	2	69	4.3	0		-1.5	1.4		395823.7	6908230.05	1170
8042728	42615	222330	56	N	400		24.8	-5.1	1.3	4	66	4.07	0		-5.1	1.3		395817.91	6908223.83	1170
8042728	42615	222402	56	N	387.5		24.8	-5.3	4.4	4	65	4.04	0		-5.3	4.4		395809.79	6908212.93	1169
8042728	42615	222434	56	N	375		24.8	-8	4.1	2	68	4.23	0		-8	4.1		395800.13	6908203.7	1167
8042728	42615	222502	56	N	362.5		24.8	-13.6	1.6	-5	65	4.04	0		-13.6	1.6		395794.41	6908193.65	1165
8042728	42615	222530	56	N	350		24.8	-13.1	3.7	-1	63	3.9	0		-13.1	3.7		395786.1	6908183.15	1164
8042728	42615	222602	56	N	337.5		24.8	-13.8	4.5	-3	64	3.96	0		-13.8	4.5		395778.62	6908173.89	1161
8042728	42615	222634	56	N	325		24.8	-13.8	4.9	-9	62	3.9	0		-13.8	4.9		395771.06	6908165.64	1162
8042728	42615	222706	56	N	312.5		24.8	-16.4	4.7	-29	57	3.94	0		-16.4	4.7		395763.95	6908157.7	1163
8042728	42615	222738	56	N	300		24.8	-13.5	6.3	-8	59	3.72	0		-13.5	6.3		395754.88	6908146.82	1158
8042728	42615	222802	56	N	287.5		24.8	-15.8	3.9	5	63	3.92	0		-15.8	3.9		395749.24	6908136.17	1160
8042728	42615	222834	56	N	275		24.8	-22.4	0.8	2	60	3.69	0		-22.4	0.8		395739.56	6908126.65	1154
8042728	42615	222914	56	N	262.5		24.8	-19.6	2.9	2	58	3.62	0		-19.6	2.9		395731.38	6908120.22	1152
8042728	42615	222950	56	N	250		24.8	-16.9	6.2	-11	60	3.77	0		-16.9	6.2		395726.04	6908108.92	1155
8042728	42615	223018	56	N	237.5		24.8	-17.2	6.1	-16	57	3.7	0		-17.2	6.1		395717.53	6908095.79	1149
8042728	42615	223042	56	N	225		24.8	-18.9	5	-16	58	3.76	0		-18.9	5		395716.26	6908089.15	1149
8042728	42615	223114	56	N	212.5		24.8	-20.6	3.7	-12	60	3.77	0		-20.6	3.7		395709.88	6908077.88	1148
8042728	42615	223142	56	N	200		24.8	-22.2	2	-8	62	3.86	0		-22.2	2		395701.86	6908065.73	1145
8042728	42615	223210	56	N	187.5		24.8	-30.7	-3.5	-8	61	3.82	0		-30.7	-3.5		395696.82	6908056.1	1142
8042728	42615	223254	56	N	175		24.8	-33.4	-5.4	-13	53	3.4	0		-33.4	-5.4		395688.25	6908047.53	1142
8042728	42615	223322	56	N	162.5		24.8	-32	-4	-15	52	3.35	0		-32	-4		395679.23	6908033.53	1144
8042728	42615	223350	56	N	150		24.8	-29	-2.7	-14	51	3.27	0		-29	-2.7		395676.1	6908024.54	1140
8042728	42615	223418	56	N	137.5		24.8	-26.4	-1.2	-13	50	3.21	0		-26.4	-1.2		395672.22	6908014.8	1139
8042728	42615	223450	56	N	125		24.8	-23.6	0	-2	50	3.1	0		-23.6	0		395664.58	6908006.81	1136
8042728	42615	223522	56	N	112.5		24.8	-21.3	0.4	1	50	3.11	0		-21.3	0.4		395652.79	6907999.49	1133
8042728	42615	223554	56	N	100		24.8	-19.8	1.1	-5	51	3.15	0		-19.8	1.1		395645.93	6907990.71	1132
8042728	42615	223622	56	N	87.5		24.8	-18.7	0.1	-2	51	3.14	0		-18.7	0.1		395635.55	6907980.87	1136
8042728	42615	223650	56	N	75		24.8	-17.7	-0.3	-14	49	3.16	0		-17.7	-0.3		395627.87	6907967.23	1130
8042728	42615	223722	56	N	62.5		24.8	-13.3	0.3	-26	103	3.28	0		-13.3	0.3		395624.06	6907959.85	1128
8042728	42615	223746	56	N	50		24.8	-12.9	-0.8	-22	103	3.25	0		-12.9	-0.8		395619.22	6907948.83	1128
8042728	42615	223818	56	N	37.5		24.8	-9.6	1.1	-19	102	3.22	0		-9.6	1.1		395612.37	6907938.39	1123
8042728	42615	223846	56	N	25		24.8	-6	2.4	-17	105	3.28	0		-6	2.4		395605.64	6907928.18	1122
8042728	42615	223922	56	N	12.5		24.8	-6.8	0.9	-18	102	3.19	0		-6.8	0.9		395601.03	6907919.11	1119
8042728	42615	223950	56	N	0		24.8	-6.3	0.9	-19	103	3.25	0		-6.3	0.9		395595.12	6907906.91	1117
8042728	42615	224018	56	N	-12.5		24.8	-3.5	2.8	-21	105	3.29	0		-3.5	2.8		395589.38	6907907.01	1122
8042728	42615	224050	56	N	-25		24.8	-4.1	1.9	-28	107	3.4	0		-4.1	1.9		395586.66	6907884.89	1115
8042728	42615	224118	56	N	-37.5		24.8	-9	-2.8	-24	110	3.48	0		-9	-2.8		395580.24	6907876.17	1111
8042728	42615	224202	56	N	-50		24.8	-8.4	-3	-37	105	3.43	0		-8.4	-3		395571.37	6907870.08	1111
8042728	42615	224222	56	N	-50		24.8	-8.8	-3.8	-16	108	3.37	1					395570.98	6907868.52	1109
8042728	42615	225906	58	N	0		24.8	-21.9	-7.3	-39	102	3.37	0		-21.9	-7.3		395656.46	6907825.2	1082
8042728	42615	225930	58	N	0		24.8	-22.7	-7.2	-24	104	3.29	1					395656	6907825.73	1081
8042728	42615	230010	58	N	12.5		24.8	-22.8	-7.1	-44	101	3.4	0		-22.8	-7.1		395660.98	6907836.25	1089
8042728	42615	230102	58	N	25		24.8	-24.3	-5.3	-12	105	3.27	0		-24.3	-5.3		395670.54	6907844.08	1085

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	230202	58	N	37.5		24.8	-23.1	-3.1	-15	104	3.25	0		-23.1	-3.1		395676.19	6907855.74	1091
8042728	42615	230242	58	N	50		24.8	-19.8	2.4	-13	106	3.3	0		-19.8	2.4		395681.76	6907869.14	1089
8042728	42615	230334	58	N	62.5		24.8	-17.1	5.9	-11	101	3.13	0		-17.1	5.9		395688.22	6907877.55	1091
8042728	42615	230510	58	N	75		24.8	-20.1	3.7	-22	96	3.03	0		-20.1	3.7		395694.96	6907885.27	1095
8042728	42615	230550	58	N	87.5		24.8	-26	-0.3	-23	95	3.02	0		-26	-0.3		395702.85	6907896.32	1092
8042728	42615	230706	58	N	100		24.8	-33.9	-6.3	-3	91	2.83	0		-33.9	-6.3		395708.31	6907908.45	1096
8042728	42615	230746	58	N	112.5		24.8	-37.6	-8.9	12	93	2.89	0		-37.6	-8.9		395715.52	6907916.36	1097
8042728	42615	230846	58	N	125		24.8	-38.6	-11.6	-28	97	3.11	0		-38.6	-11.6		395724.74	6907923.34	1100
8042728	42615	230942	58	N	137.5		24.8	-46.2	-16.5	8	96	2.97	0		-46.2	-16.5		395729.31	6907930.45	1106
8042728	42615	231022	58	N	150		24.8	-47	-19.1	-31	99	3.22	0		-47	-19.1		395737.52	6907940.68	1107
8042728	42615	231138	58	N	162.5		24.8	-49.5	-19	-22	111	3.49	0		-49.5	-19		395747.67	6907953.96	1110
8042728	42615	231214	58	N	175		24.8	-41	-10.7	-11	122	3.76	0		-41	-10.7		395753.78	6907962.46	1115
8042728	42615	231246	58	N	187.5		24.8	-31.8	-6.4	-9	62	3.89	0		-31.8	-6.4		395761.5	6907969.27	1112
8042728	42615	231346	58	N	200		24.8	-26.2	-2.5	-2	60	3.72	0		-26.2	-2.5		395768.76	6907978.57	1119
8042728	42615	231426	58	N	212.5		24.8	-20.7	0.2	-8	60	3.78	0		-20.7	0.2		395775.14	6907989.13	1119
8042728	42615	231510	58	N	225		24.8	-20.2	1.3	-9	55	3.44	0		-20.2	1.3		395782.97	6908003.05	1118
8042728	42615	231602	58	N	237.5		24.8	-22.3	1.3	-6	54	3.39	0		-22.3	1.3		395787.41	6908009.62	1118
8042728	42615	231654	58	N	250		24.8	-21.5	1.8	-16	54	3.51	0		-21.5	1.8		395793.75	6908019.74	1120
8042728	42615	231738	58	N	262.5		24.8	-26.3	1.9	0	54	3.34	0		-26.3	1.9		395801.92	6908031.32	1123
8042728	42615	231858	58	N	275		24.8	-27.8	-0.7	-25	52	3.58	0		-27.8	-0.7		395805.78	6908043.15	1125
8042728	42615	232018	58	N	287.5		24.8	-32.9	-0.5	3	55	3.42	0		-32.9	-0.5		395812.23	6908049.86	1124
8042728	42615	232134	58	N	300		24.8	-32.8	0	1	56	3.45	0		-32.8	0		395820.66	6908059.39	1128
8042728	42615	232226	58	N	312.5		24.8	-27.7	2.2	-13	57	3.65	0		-27.7	2.2		395829.31	6908069.87	1133
8042728	42615	232302	58	N	325		24.8	-24.5	4	-15	59	3.77	0		-24.5	4		395832.39	6908079.76	1132
8042728	42615	232350	58	N	337.5		24.8	-25.3	5.7	0	57	3.56	0		-25.3	5.7		395839.57	6908086.23	1130
8042728	42615	232438	58	N	350		24.8	-24	4.8	-5	59	3.64	0		-24	4.8		395844.93	6908097.32	1137
8042728	42615	232534	58	N	362.5		24.8	-20.2	5.6	-14	58	3.69	0		-20.2	5.6		395852.93	6908110.32	1136
8042728	42615	232618	58	N	375		24.8	-20	7.3	3	55	3.43	0		-20	7.3		395860.07	6908119.94	1140
8042728	42615	232654	58	N	387.5		24.8	-22.9	4.4	4	56	3.46	0		-22.9	4.4		395865.56	6908125.4	1141
8042728	42615	232746	58	N	400		24.8	-24.2	1.8	-6	56	3.47	0		-24.2	1.8		395872.95	6908136.86	1144
8042728	42615	232830	58	N	412.5		24.8	-30.6	-2.3	12	54	3.44	0		-30.6	-2.3		395879.34	6908147.39	1145
8042728	42615	232910	58	N	425		24.8	-28.2	-2.3	-6	57	3.56	0		-28.2	-2.3		395884.16	6908147.31	1145
8042728	42615	232942	58	N	437.5		24.8	-31.7	-5.7	0	56	3.49	0		-31.7	-5.7		395888.22	6908157.8	1147
8042728	42615	233010	58	N	450		24.8	-28.5	-6.3	-5	60	3.74	0		-28.5	-6.3		395895.81	6908169.57	1147
8042728	42615	233046	58	N	462.5		24.8	-26	-5.7	12	62	3.89	0		-26	-5.7		395899.63	6908181.16	1151
8042728	42615	233126	58	N	475		24.8	-18.9	-5.9	-11	63	3.95	0		-18.9	-5.9		395907.12	6908187.29	1151
8042728	42615	233230	58	N	487.5		24.8	-10.4	-0.9	30	54	3.84	0		-10.4	-0.9		395916.41	6908195.74	1155
8042728	42615	233250	58	N	487.5		24.8	-9.6	-0.9	35	52	3.91	1					395916.81	6908196.06	1153
8042728	42615	233326	58	N	475		24.8	-10.8	-0.9	35	52	3.92	0		-10.8	-0.9		395917.02	6908196.39	1152
8042728	42615	233422	58	N	487.5		24.8	-12.8	-4.5	31	53	3.79	0		-12.8	-4.5		395926.78	6908196.55	1152
8042728	42615	233506	58	N	500		24.8	-13.2	-8.3	12	59	3.72	0		-13.2	-8.3		395936.84	6908203.93	1154
8042728	42615	233558	58	N	512.5		24.8	-12.5	-8.5	-1	57	3.55	0		-12.5	-8.5		395940.58	6908214.64	1158
8042728	42615	233654	58	N	512.5		24.8	-11.1	-7.7	1	57	3.54	1					395940.56	6908214.74	1158
8042728	42615	233734	58	N	512.5		24.8	-11.4	-9.5	-8	57	3.54	1					395940.37	6908214.86	1159
1124844	42615	185742	51	N	850		24.8	0	9.6	-10	62	3.87	0		0	9.6		395769.53	6908777.42	1268
1124844	42615	185758	51	N	850		24.8	1	10.1	-12	60	3.79	1					395769.46	6908777.68	1268
1124844	42615	185914	51	N	837.5		24.8	-4.7	6.1	-20	59	3.89	0		-4.7	6.1		395760.63	6908767.42	1268
1124844	42615	185946	51	N	825		24.8	-8.3	3	-10	60	3.77	0		-8.3	3		395753.33	6908757.04	1269
1124844	42615	190022	51	N	812.5		24.8	-5.7	7.2	-15	58	3.74	0		-5.7	7.2		395747.23	6908746.06	1272
1124844	42615	190054	51	N	800		24.8	-7.8	4.2	-11	58	3.69	0		-7.8	4.2		395738.63	6908736.17	1273
1124844	42615	190122	51	N	787.5		24.8	-5.7	5.8	-11	58	3.67	0		-5.7	5.8		395732.07	6908727.06	1274
1124844	42615	190154	51	N	775		24.8	-4	8	-19	55	3.64	0		-4	8		395725.44	6908715.53	1275
1124844	42615	190226	51	N	762.5		24.8	-7.3	4.3	-19	59	3.81	0		-7.3	4.3		395716.04	6908707.46	1275
1124844	42615	190322	51	N	750		24.8	-7.6	2.9	-20	57	3.76	0		-7.6	2.9		395716.03	6908693.65	1278
1124844	42615	190354	51	N	737.5		24.8	-8.5	2	-8	57	3.59	0		-8.5	2		395707.86	6908684.37	1277
1124844	42615	190430	51	N	725		24.8	-6.6	4.2	-6	59	3.65	0		-6.6	4.2		395700.73	6908671.96	1276
1124844	42615	190502	51	N	712.5		24.8	-10.5	-0.8	-6	60	3.73	0		-10.5	-0.8		395694.46	6908661.92	1276
1124844	42615	190542	51	N	700		24.8	-10.3	-1.5	4	59	3.68	0		-10.3	-1.5		395685.93	6908653.19	1272
1124844	42615	190622	51	N	687.5		24.8	-6.7	3	-3	59	3.66	0		-6.7	3		395675.83	6908645.4	1268
1124844	42615	190654	51	N	675		24.8	-13.5	-1.7	-10	60	3.77	0		-13.5	-1.7		395667.61	6908635.93	1261
1124844	42615	190722	51	N	662.5		24.8	-15.1	-2	-6	63	3.92	0		-15.1	-2		395661.83	6908623.89	1260
1124844	42615	190754	51	N	650		24.8	-19	-5.1	-4	62	3.83	0		-19	-5.1		395656.51	6908614.08	1260
1124844	42615	190826	51	N	637.5		24.8	-21.7	-5.7	5	63	3.94	0		-21.7	-5.7		395649.21	6908600.79	1259
1124844	42615	190858	51	N	625		24.8	-37.8	-19.7	-13	55	3.51	0		-37.8	-19.7		395643.17	6908590.42	1259
1124844	42615	190930	51	N	612.5		24.8	-30.1	-12.7	4	55	3.43	0		-30.1	-12.7		395635.62	6908579.99	1259
1124844	42615	191010	51	N	600		24.8	-27.9	-9.2	-6	53	3.31	0		-27.9	-9.2		395629.32	6908570.61	1258

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	191102	51	N	587.5		24.8	-23.2	-7.1	-3	53	3.3	0		-23.2	-7.1		395620.55	6908562.1	1257
1124844	42615	191134	51	N	575		24.8	-20.9	-3.9	-11	51	3.24	0		-20.9	-3.9		395614.25	6908552.72	1252
1124844	42615	191214	51	N	562.5		24.8	-16.9	-0.7	-11	51	3.26	0		-16.9	-0.7		395605.48	6908543.61	1249
1124844	42615	191242	51	N	550		24.8	-9.5	5.4	-1	53	3.32	0		-9.5	5.4		395596.81	6908533.59	1245
1124844	42615	191314	51	N	537.5		24.8	-8	4.9	4	54	3.37	0		-8	4.9		395591.14	6908523.01	1245
1124844	42615	191346	51	N	525		24.8	-4.6	8.1	-4	56	3.5	0		-4.6	8.1		395584.59	6908510.69	1241
1124844	42615	191426	51	N	512.5		24.8	-3.6	7.9	-16	60	3.83	0		-3.6	7.9		395576.72	6908501.98	1240
1124844	42615	191458	51	N	500		24.8	-9.2	2.5	-13	62	3.92	0		-9.2	2.5		395570.02	6908493.23	1239
1124844	42615	191534	51	N	487.5		24.8	-11.9	0.9	0	61	3.79	0		-11.9	0.9		395560.56	6908483.58	1234
1124844	42615	191758	51	N	475		24.8	-11.3	4.3	1	63	3.92	0		-11.3	4.3		395559.09	6908470.05	1233
1124844	42615	191830	51	N	462.5		24.8	-13.9	5.6	0	67	4.17	0		-13.9	5.6		395552.54	6908461.02	1233
1124844	42615	191854	51	N	450		24.8	-28.8	-4.4	13	69	4.33	0		-28.8	-4.4		395546.85	6908450.49	1233
1124844	42615	191922	51	N	437.5		24.8	-39.2	-9.9	-1	63	3.92	0		-39.2	-9.9		395538.66	6908441.51	1231
1124844	42615	191950	51	N	425		24.8	-40.1	-9	12	59	3.71	0		-40.1	-9		395529.18	6908429.07	1229
1124844	42615	192018	51	N	412.5		24.8	-38.7	-5.3	-6	57	3.56	0		-38.7	-5.3		395524.51	6908420.03	1227
1124844	42615	192046	51	N	400		24.8	-38.7	-5.1	-3	56	3.45	0		-38.7	-5.1		395515.93	6908409.24	1224
1124844	42615	192114	51	N	387.5		24.8	-38.9	-2.6	-24	48	3.36	0		-38.9	-2.6		395507.47	6908398.84	1223
1124844	42615	192146	51	N	375		24.8	-32.2	-0.3	-58	96	3.45	0		-32.2	-0.3		395495.26	6908392.39	1222
1124844	42615	192546	51	N	362.5		24.8	-39.7	-5.8	0	97	3	0		-39.7	-5.8		395490.27	6908382.7	1223
1124844	42615	192618	51	N	350		24.8	-37.2	-7.6	0	97	3	0		-37.2	-7.6		395485.78	6908370.93	1219
1124844	42615	192650	51	N	337.5		24.8	-29.8	-1.9	-5	97	3	0		-29.8	-1.9		395477.79	6908360.25	1216
1124844	42615	192718	51	N	325		24.8	-28.3	-0.2	1	97	3	0		-28.3	-0.2		395470.43	6908349.34	1214
1124844	42615	192746	51	N	312.5		24.8	-23	0.7	5	97	3	0		-23	0.7		395465.17	6908339.46	1214
1124844	42615	192818	51	N	300		24.8	-31.6	-6.7	11	97	3.02	0		-31.6	-6.7		395457.1	6908327.75	1209
1124844	42615	192850	51	N	287.5		24.8	-21.7	0.6	2	97	3	0		-21.7	0.6		395449.54	6908314.78	1206
1124844	42615	192930	51	N	275		24.8	-18.1	4	-29	97	3.13	0		-18.1	4		395439.3	6908303.08	1204
1124844	42615	193002	51	N	262.5		24.8	-27	-2	1	97	3	0		-27	-2		395432.67	6908294.83	1202
1124844	42615	193030	51	N	250		24.8	-23.3	-2.8	-6	97	3	0		-23.3	-2.8		395426.72	6908286.38	1201
1124844	42615	193122	51	N	237.5		24.8	-27.2	-6	8	97	3.01	0		-27.2	-6		395421.74	6908277.98	1199
1124844	42615	193150	51	N	225		24.8	-19.4	-1	0	97	3	0		-19.4	-1		395415.61	6908267.31	1195
1124844	42615	193222	51	N	212.5		24.8	-18.8	1.2	-3	97	3	0		-18.8	1.2		395407.18	6908258.19	1191
1124844	42615	193250	51	N	200		24.8	-17.9	0.5	-24	97	3.09	0		-17.9	0.5		395399.25	6908248.84	1188
1124844	42615	193318	51	N	187.5		24.8	-17.9	1	-2	97	3	0		-17.9	1		395390.55	6908238.94	1185
1124844	42615	193346	51	N	175		24.8	-18.1	0.4	-10	97	3.02	0		-18.1	0.4		395383.12	6908224.61	1181
1124844	42615	193414	51	N	162.5		24.8	-34.6	-10.9	2	97	3	0		-34.6	-10.9		395377.06	6908218.2	1183
1124844	42615	193442	51	N	150		24.8	-31.4	-12.7	2	97	3	0		-31.4	-12.7		395367.94	6908203.77	1179
1124844	42615	193514	51	N	137.5		24.8	-32.6	-13.3	0	97	3	0		-32.6	-13.3		395364.56	6908195.76	1178
1124844	42615	193550	51	N	125		24.8	-29.2	-14.3	23	97	3.08	0		-29.2	-14.3		395358.22	6908183.7	1176
1124844	42615	193630	51	N	112.5		24.8	-29	-12.9	12	97	3.02	0		-29	-12.9		395348.86	6908175.6	1174
1124844	42615	193710	51	N	100		24.8	-25.9	-10.9	-13	97	3.03	0		-25.9	-10.9		395346.8	6908163.21	1171
1124844	42615	193746	51	N	87.5		24.8	-29.7	-16.3	23	97	3.09	0		-29.7	-16.3		395335.97	6908153.76	1169
1124844	42615	193822	51	N	75		24.8	-28.3	-16	8	97	3.01	0		-28.3	-16		395331.01	6908143.83	1162
1124844	42615	193854	51	N	62.5		24.8	-27.3	-15.8	10	97	3	0		-27.3	-15.8		395326.53	6908134.57	1164
1124844	42615	193926	51	N	50		24.8	-21.2	-12.2	38	96	3.17	0		-21.2	-12.2		395319.3	6908125.79	1161
1124844	42615	194014	51	N	37.5		24.8	-18.6	-10.6	10	97	3.01	0		-18.6	-10.6		395309.34	6908114.14	1157
1124844	42615	194058	51	N	25		24.8	-17.1	-9.3	-12	97	3.02	0		-17.1	-9.3		395302.07	6908105.26	1156
1124844	42615	194130	51	N	12.5		24.8	-10.1	-5.1	22	97	3.07	0		-10.1	-5.1		395293.8	6908094.98	1156
1124844	42615	194214	51	N	0		24.8	-11.4	-6.6	0	97	3	0		-11.4	-6.6		395285.23	6908082.21	1152
1124844	42615	194234	51	N	0		24.8	-10.2	-6.5	4	97	3	1					395284.99	6908081	1151
1124844	42615	195446	53	N	0		24.8	-16.8	-12.4	-13	97	3.03	0		-16.8	-12.4		395407.31	6907994.18	1158
1124844	42615	195506	53	N	0		24.8	-18.5	-12.9	-12	97	3.02	1					395407.36	6907994.27	1157
1124844	42615	195546	53	N	12.5		24.8	-18.7	-11.8	17	97	3.05	0		-18.7	-11.8		395413.36	6908005.69	1160
1124844	42615	195626	53	N	25		24.8	-20.4	-10.9	6	97	3.01	0		-20.4	-10.9		395419.83	6908016.96	1162
1124844	42615	195702	53	N	37.5		24.8	-17.4	-9.4	17	97	3.05	0		-17.4	-9.4		395428.18	6908026.04	1165
1124844	42615	195738	53	N	50		24.8	-17.7	-9.5	6	97	3.01	0		-17.7	-9.5		395436.07	6908036.8	1168
1124844	42615	195806	53	N	62.5		24.8	-17.9	-8.3	-9	97	3.01	0		-17.9	-8.3		395442.59	6908045.06	1167
1124844	42615	195854	53	N	75		24.8	-13.5	-2.5	27	97	3.12	0		-13.5	-2.5		395450.56	6908056.4	1171
1124844	42615	195930	53	N	87.5		24.8	-12	-0.8	7	97	3.01	0		-12	-0.8		395455.77	6908066.38	1174
1124844	42615	200006	53	N	100		24.8	-17.4	-3.9	-3	97	3	0		-17.4	-3.9		395460.91	6908077.83	1176
1124844	42615	200038	53	N	112.5		24.8	-13.3	1	5	97	3.01	0		-13.3	1		395470.39	6908086.34	1177
1124844	42615	200122	53	N	125		24.8	-6.8	7.4	4	97	3	0		-6.8	7.4		395478.58	6908098.64	1177
1124844	42615	200202	53	N	137.5		24.8	-12	4.3	10	97	3.02	0		-12	4.3		395483.79	6908111.23	1177
1124844	42615	200238	53	N	150		24.8	-10.5	4.2	31	97	3.15	0		-10.5	4.2		395492.79	6908120.88	1177
1124844	42615	200310	53	N	162.5		24.8	-15.7	0.7	13	97	3.03	0		-15.7	0.7		395501.38	6908127.92	1180
1124844	42615	200342	53	N	175		24.8	-22.3	-4.1	-5	97	3.01	0		-22.3	-4.1		395506.14	6908138.67	1183
1124844	42615	200418	53	N	187.5		24.8	-20.3	-1.9	-2	97	3	0		-20.3	-1.9		395512.62	6908151.84	1184

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	200502	53	N	200		24.8	-18.6	0.9	7	97	3.01	0		-18.6	0.9		395520.45	6908164.27	1185
1124844	42615	200538	53	N	212.5		24.8	-20.8	-0.5	14	97	3.03	0		-20.8	-0.5		395527.43	6908171.79	1188
1124844	42615	200626	53	N	225		24.8	-24.4	-3	1	97	3	0		-24.4	-3		395536.58	6908184.51	1189
1124844	42615	200702	53	N	237.5		24.8	-21.1	-1	2	97	3	0		-21.1	-1		395540.36	6908194.01	1184
1124844	42615	200750	53	N	250		24.8	-22.3	-2.8	5	97	3	0		-22.3	-2.8		395552.21	6908203.26	1190
1124844	42615	200838	53	N	262.5		24.8	-27.3	-4.6	1	97	3	0		-27.3	-4.6		395558.82	6908214.02	1196
1124844	42615	200918	53	N	275		24.8	-25.1	-3.2	-3	97	3	0		-25.1	-3.2		395564.34	6908225.2	1197
1124844	42615	200950	53	N	287.5		24.8	-11.7	9.3	4	97	3	0		-11.7	9.3		395574.54	6908232.71	1199
1124844	42615	201030	53	N	300		24.8	-10.6	10.9	17	97	3.05	0		-10.6	10.9		395580.73	6908245.06	1198
1124844	42615	201102	53	N	312.5		24.8	-12.2	10.5	-2	97	3	0		-12.2	10.5		395586.07	6908253.81	1199
1124844	42615	201142	53	N	325		24.8	-13.6	8.2	11	97	3.02	0		-13.6	8.2		395592.7	6908264.91	1202
1124844	42615	201234	53	N	337.5		24.8	-11.8	7.9	-27	97	3.11	0		-11.8	7.9		395603.94	6908270.92	1202
1124844	42615	201310	53	N	350		24.8	-18.8	2.9	-12	97	3.02	0		-18.8	2.9		395609.33	6908282.43	1203
1124844	42615	201350	53	N	362.5		24.8	-21.5	-0.7	2	97	3	0		-21.5	-0.7		395616.61	6908293.97	1208
1124844	42615	201434	53	N	375		24.8	-26.1	-5.6	9	97	3.02	0		-26.1	-5.6		395621.6	6908304.54	1208
1124844	42615	201518	53	N	387.5		24.8	-30.4	-10.6	11	97	3.02	0		-30.4	-10.6		395631.75	6908315.61	1208
1124844	42615	201558	53	N	400		24.8	-31.7	-12	-25	97	3.1	0		-31.7	-12		395639.18	6908321.31	1211
1124844	42615	201650	53	N	412.5		24.8	-25.3	-6.9	8	97	3.01	0		-25.3	-6.9		395645.82	6908332.31	1214
1124844	42615	201738	53	N	425		24.8	-30.8	-10.8	22	97	3.08	0		-30.8	-10.8		395649.48	6908344.61	1215
1124844	42615	201818	53	N	437.5		24.8	-22.8	-7.4	10	97	3.02	0		-22.8	-7.4		395656.14	6908356.18	1219
1124844	42615	201858	53	N	450		24.8	-5.4	3.4	-2	97	3	0		-5.4	3.4		395664.85	6908365.14	1219
1124844	42615	201934	53	N	462.5		24.8	15.1	14.9	-13	97	3.03	0		15.1	14.9		395673.41	6908375.8	1220
1124844	42615	202034	53	N	475		24.8	15.6	13.7	-1	97	3	0		15.6	13.7		395683.44	6908385.68	1223
1124844	42615	202642	53	N	487.5		24.8	18.1	16.2	30	97	3.15	0		18.1	16.2		395690.51	6908392.96	1225
1124844	42615	202730	53	N	500		24.8	11.8	11.8	2	97	3	0		11.8	11.8		395693	6908404.44	1227
1124844	42615	202822	53	N	512.5		24.8	7.1	6.2	-12	97	3.02	0		7.1	6.2		395700.4	6908418.08	1230
1124844	42615	202906	53	N	525		24.8	7.6	4.6	-26	97	3.11	0		7.6	4.6		395708.71	6908428.03	1232
1124844	42615	202954	53	N	537.5		24.8	2.4	3	-19	97	3.06	0		2.4	3		395717.03	6908436.69	1235
1124844	42615	203034	53	N	550		24.8	-2.1	0.6	-30	97	3.14	0		-2.1	0.6		395725.96	6908444.83	1236
1124844	42615	203110	53	N	562.5		24.8	-5	-1	-21	97	3.07	0		-5	-1		395734.15	6908451.99	1237
1124844	42615	203202	53	N	575		24.8	-8.2	-1.2	-22	97	3.08	0		-8.2	-1.2		395745.6	6908462.73	1240
1124844	42615	203238	53	N	587.5		24.8	-13.1	-3.9	-21	97	3.08	0		-13.1	-3.9		395754.25	6908472.26	1243
1124844	42615	203414	53	N	600		24.8	-19.9	-7.5	6	97	3.01	0		-19.9	-7.5		395757.92	6908482.14	1245
1124844	42615	203454	53	N	612.5		24.8	-23	-10.8	0	97	3	0		-23	-10.8		395764.87	6908494.6	1247
1124844	42615	203526	53	N	625		24.8	-25.5	-7.5	12	97	3.02	0		-25.5	-7.5		395771.71	6908503.78	1249
1124844	42615	203610	53	N	637.5		24.8	-28.6	-10.2	0	97	3	0		-28.6	-10.2		395778.25	6908514.87	1249
1124844	42615	203654	53	N	650		24.8	-30.5	-11.9	-19	97	3.06	0		-30.5	-11.9		395785.54	6908527.42	1249
1124844	42615	203734	53	N	662.5		24.8	-36.5	-14.9	4	97	3.01	0		-36.5	-14.9		395791.83	6908538.09	1250
1124844	42615	203822	53	N	675		24.8	-28.3	-4.2	-14	97	3.04	0		-28.3	-4.2		395799.22	6908550.17	1250
1124844	42615	203902	53	N	687.5		24.8	-16.3	3.7	-2	97	3	0		-16.3	3.7		395806.73	6908559.94	1250
1124844	42615	203942	53	N	700		24.8	-8.5	9.2	-26	97	3.11	0		-8.5	9.2		395814.43	6908569.28	1251
1124844	42615	204022	53	N	712.5		24.8	0.3	14.8	-39	97	3.24	0		0.3	14.8		395824.9	6908581.06	1252
1124844	42615	204114	53	N	725		24.8	-4.1	10.9	-41	97	3.26	0		-4.1	10.9		395841.61	6908596.27	1253
1124844	42615	204202	53	N	737.5		24.8	0.7	15.6	-28	97	3.12	0		0.7	15.6		395847.69	6908607.08	1255
1124844	42615	204238	53	N	750		24.8	-2.8	13.6	-37	97	3.21	0		-2.8	13.6		395855	6908615.48	1256
1124844	42615	204546	53	N	762.5		24.8	-1.6	17.9	0	97	3	0		-1.6	17.9		395864.11	6908627.1	1255
1124844	42615	204714	53	N	775		24.8	-4.4	16.7	5	97	3.01	0		-4.4	16.7		395866.58	6908640.74	1257
1124844	42615	204810	53	N	787.5		24.8	-5.2	13.7	-16	97	3.05	0		-5.2	13.7		395870.34	6908653.61	1256
1124844	42615	204854	53	N	800		24.8	-14.1	6.6	-8	97	3.01	0		-14.1	6.6		395876.36	6908665.89	1256
1124844	42615	204934	53	N	812.5		24.8	-12.7	5.7	-29	97	3.13	0		-12.7	5.7		395885.3	6908676.27	1252
1124844	42615	205010	53	N	825		24.8	-11.4	7.5	-15	97	3.04	0		-11.4	7.5		395890.4	6908686.41	1252
1124844	42615	205110	53	N	837.5		24.8	-14.8	4.5	-6	97	3	0		-14.8	4.5		395895.3	6908697.66	1251
1124844	42615	205138	53	N	837.5		24.8	-7.6	8.2	0	97	3	1					395895.26	6908697.6	1251
1124844	42615	213010	55	N	850		24.8	-10.8	9.6	16	97	3.05	0		-10.8	9.6		395975.82	6908631.77	1233
1124844	42615	213030	55	N	850		24.8	-15.2	7.9	7	97	3.02	1					395975.87	6908631.48	1232
1124844	42615	213138	55	N	837.5		24.8	-20.3	9.1	-2	98	3.01	0		-20.3	9.1		395969.14	6908621.27	1233
1124844	42615	213242	55	N	825		24.8	-27.6	-0.3	-33	97	3.18	0		-27.6	-0.3		395961.53	6908609.93	1229
1124844	42615	213318	55	N	812.5		24.8	-41.1	-5.5	-14	97	3.04	0		-41.1	-5.5		395955.51	6908599.39	1228
1124844	42615	213358	55	N	800		24.8	-29.2	1	-64	97	3.59	0		-29.2	1		395946.59	6908591.39	1227
1124844	42615	213430	55	N	787.5		24.8	-29.8	5.9	-6	98	3.02	0		-29.8	5.9		395937.91	6908580.33	1226
1124844	42615	213514	55	N	775		24.8	-23.2	8.2	-55	97	3.45	0		-23.2	8.2		395931.91	6908566.78	1229
1124844	42615	213550	55	N	762.5		24.8	-22.7	13.4	-44	98	3.31	0		-22.7	13.4		395925.09	6908555.74	1226
1124844	42615	213618	55	N	750		24.8	-15.4	14.1	-71	95	3.66	0		-15.4	14.1		395917.91	6908549.57	1227
1124844	42615	213702	55	N	737.5		24.8	-26.7	11.9	-26	98	3.12	0		-26.7	11.9		395909.76	6908540.83	1227
1124844	42615	213734	55	N	725		24.8	-22.8	11.1	9	98	3.02	0		-22.8	11.1		395904.93	6908528.89	1223
1124844	42615	213814	55	N	712.5		24.8	-41.8	0.9	-16	98	3.06	0		-41.8	0.9		395897.9	6908517.16	1222

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	213858	55	N	700		24.8	-60.5	-14.6	-18	98	3.07	0		-60.5	-14.6		395889.07	6908507.79	1226
1124844	42615	213942	55	N	687.5		24.8	-52.9	-13.5	4	98	3.01	0		-52.9	-13.5		395879.52	6908493.31	1225
1124844	42615	214014	55	N	675		24.8	-45.5	-9.1	12	98	3.04	0		-45.5	-9.1		395873.8	6908485.59	1228
1124844	42615	214146	55	N	662.5		24.8	-38.3	-6.7	15	98	3.05	0		-38.3	-6.7		395866.12	6908471.78	1221
1124844	42615	214250	55	N	650		24.8	-40.2	-10.2	9	96	2.98	0		-40.2	-10.2		395859.5	6908462.58	1220
1124844	42615	214342	55	N	637.5		24.8	-34.4	-4.3	-18	90	2.85	0		-34.4	-4.3		395854.4	6908455.52	1216
1124844	42615	214418	55	N	625		24.8	-31	-0.8	-21	89	2.84	0		-31	-0.8		395845.93	6908447.82	1220
1124844	42615	214450	55	N	612.5		24.8	-24.8	2.2	-26	90	2.9	0		-24.8	2.2		395838.25	6908437.85	1214
1124844	42615	214530	55	N	600		24.8	-19.1	5.1	-12	92	2.85	0		-19.1	5.1		395831.92	6908426.36	1211
1124844	42615	214606	55	N	587.5		24.8	-13.1	6	-10	94	2.91	0		-13.1	6		395824.33	6908415.77	1211
1124844	42615	214642	55	N	575		24.8	-12.6	0.9	25	90	2.9	0		-12.6	0.9		395818.21	6908405.54	1208
1124844	42615	214718	55	N	562.5		24.8	-9.4	5.5	-37	84	2.84	0		-9.4	5.5		395806.39	6908396.68	1202
1124844	42615	214754	55	N	550		24.8	-9.4	2.1	0	92	2.83	0		-9.4	2.1		395801.76	6908387.6	1207
1124844	42615	214834	55	N	537.5		24.8	-2.8	8.3	-17	90	2.83	0		-2.8	8.3		395792.93	6908377.57	1205
1124844	42615	214918	55	N	525		24.8	0.2	8.3	-24	93	2.96	0		0.2	8.3		395786.94	6908365.3	1202
1124844	42615	215002	55	N	512.5		24.8	1.2	7.2	-26	97	3.09	0		1.2	7.2		395779.53	6908353.83	1199
1124844	42615	215034	55	N	500		24.8	-0.1	3.1	-7	97	3.01	0		-0.1	3.1		395771.24	6908346.84	1197
1124844	42615	215202	55	N	487.5		24.8	-0.2	2.5	-13	97	3.03	0		-0.2	2.5		395764.78	6908336.74	1198
1124844	42615	215234	55	N	475		24.8	3.5	7.9	-31	97	3.16	0		3.5	7.9		395758.52	6908325.61	1196
1124844	42615	215310	55	N	462.5		24.8	3.6	9.1	-15	98	3.06	0		3.6	9.1		395750.81	6908315.6	1193
1124844	42615	215358	55	N	450		24.8	0	8.5	-24	98	3.11	0		0	8.5		395742.75	6908306.59	1190
1124844	42615	215426	55	N	437.5		24.8	-12.4	0.9	7	98	3.03	0		-12.4	0.9		395738.81	6908301.21	1191
1124844	42615	215526	55	N	425		24.8	-20.5	-3.8	25	98	3.12	0		-20.5	-3.8		395730.46	6908284.4	1189
1124844	42615	215554	55	N	412.5		24.8	-17.1	-1.9	50	97	3.37	0		-17.1	-1.9		395724.84	6908273.48	1187
1124844	42615	215626	55	N	400		24.8	-23.5	-1.9	-11	98	3.04	0		-23.5	-1.9		395719.4	6908261.12	1182
1124844	42615	215702	55	N	387.5		24.8	-21.2	2	-22	97	3.07	0		-21.2	2		395710.49	6908252.09	1183
1124844	42615	215738	55	N	375		24.8	-21.7	3.5	-20	97	3.05	0		-21.7	3.5		395700.67	6908243.92	1185
1124844	42615	215930	55	N	362.5		24.8	-21	-0.4	40	94	3.16	0		-21	-0.4		395692.79	6908227.22	1178
1124844	42615	220018	55	N	350		24.8	-26.3	-1.7	17	95	2.99	0		-26.3	-1.7		395684.64	6908217.06	1180
1124844	42615	220310	55	N	337.5		24.8	-22.5	2.2	15	94	2.94	0		-22.5	2.2		395676.25	6908202.21	1174
1124844	42615	220346	55	N	325		24.8	-22	4.3	-9	97	3.01	0		-22	4.3		395671.14	6908193.68	1179
1124844	42615	220458	55	N	312.5		24.8	-24.3	1.9	-20	98	3.08	0		-24.3	1.9		395661.66	6908182.97	1170
1124844	42615	220538	55	N	300		24.8	-27.2	0.6	-2	97	3	0		-27.2	0.6		395653.81	6908174.42	1169
1124844	42615	220626	55	N	287.5		24.8	-30.9	-1.3	-24	97	3.08	0		-30.9	-1.3		395645.27	6908162.99	1168
1124844	42615	220706	55	N	275		24.8	-31.3	-1.8	7	98	3.02	0		-31.3	-1.8		395638.36	6908154.21	1168
1124844	42615	220746	55	N	262.5		24.8	-39.8	-7.8	-7	97	3.01	0		-39.8	-7.8		395633.07	6908142.33	1168
1124844	42615	220818	55	N	250		24.8	-38.8	-6.8	-2	96	2.96	0		-38.8	-6.8		395626.26	6908133.2	1165
1124844	42615	220858	55	N	237.5		24.8	-38.1	-2	-30	86	2.81	0		-38.1	-2		395616.56	6908121.79	1162
1124844	42615	220942	55	N	225		24.8	-39.4	-5.5	-23	90	2.88	0		-39.4	-5.5		395606.11	6908111.36	1161
1124844	42615	221026	55	N	212.5		24.8	-32.7	-3.8	-2	94	2.89	0		-32.7	-3.8		395601.57	6908100.1	1160
1124844	42615	221114	55	N	200		24.8	-28.8	-3.1	39	89	3.01	0		-28.8	-3.1		395595.58	6908091.12	1159
1124844	42615	221154	55	N	187.5		24.8	-32.3	-2.9	15	90	2.81	0		-32.3	-2.9		395592.19	6908081.83	1158
1124844	42615	221238	55	N	175		24.8	-30.8	-1.7	-12	89	2.78	0		-30.8	-1.7		395584.91	6908071.31	1155
1124844	42615	221314	55	N	162.5		24.8	-28.8	0.3	-14	86	2.7	0		-28.8	0.3		395578.48	6908060.15	1155
1124844	42615	221354	55	N	150		24.8	-24.4	2	-5	90	2.78	0		-24.4	2		395571.8	6908051.26	1152
1124844	42615	221426	55	N	137.5		24.8	-20.5	3.6	-4	91	2.82	0		-20.5	3.6		395564.11	6908041.92	1152
1124844	42615	221502	55	N	125		24.8	-19.5	2.1	8	94	2.92	0		-19.5	2.1		395555.57	6908030.16	1151
1124844	42615	221534	55	N	112.5		24.8	-20	1.6	-14	93	2.9	0		-20	1.6		395548.84	6908021.24	1150
1124844	42615	221606	55	N	100		24.8	-20	2.3	-27	93	2.98	0		-20	2.3		395541.38	6908012.19	1149
1124844	42615	221714	55	N	87.5		24.8	-13.2	4.4	21	96	3.05	0		-13.2	4.4		395532.68	6907999.98	1146
1124844	42615	221750	55	N	75		24.8	-11.8	4	23	97	3.07	0		-11.8	4		395523.73	6907989.29	1145
1124844	42615	221858	55	N	62.5		24.8	-16.2	1.4	4	97	3.01	0		-16.2	1.4		395518.13	6907979.52	1144
1124844	42615	221934	55	N	50		24.8	-16.5	0.1	12	98	3.04	0		-16.5	0.1		395510.74	6907970.73	1142
1124844	42615	222014	55	N	37.5		24.8	-18.8	-4.2	10	98	3.04	0		-18.8	-4.2		395502.62	6907960.34	1142
1124844	42615	222050	55	N	25		24.8	-24	-8.3	22	97	3.07	0		-24	-8.3		395495.67	6907949.63	1138
1124844	42615	222130	55	N	12.5		24.8	-25.7	-9.5	10	97	3	0		-25.7	-9.5		395489.65	6907941.31	1137
1124844	42615	222218	55	N	0		24.8	-22.9	-10.3	41	95	3.18	0		-22.9	-10.3		395484.5	6907930.48	1134
1124844	42615	222242	55	N	0		24.8	-23.2	-10.6	32	97	3.15	1					395486.08	6907932.05	1135
1124844	42615	225942	57	N	0		24.8	-6.5	-1.1	18	89	2.82	0		-6.5	-1.1		395612.72	6907847.73	1095
1124844	42615	230038	57	N	0		24.8	-7	-1.6	26	90	2.89	1					395611.74	6907846.76	1094
1124844	42615	230138	57	N	12.5		24.8	-7.3	-0.8	28	91	2.93	0		-7.3	-0.8		395620.64	6907860.2	1096
1124844	42615	230218	57	N	25		24.8	-10.8	-2.4	38	84	2.85	0		-10.8	-2.4		395631.28	6907869.05	1097
1124844	42615	230322	57	N	37.5		24.8	-6.8	-0.1	6	87	2.68	0		-6.8	-0.1		395630.56	6907881.47	1104
1124844	42615	230546	57	N	50		24.8	-13.9	-5.1	19	88	2.78	0		-13.9	-5.1		395638.46	6907893.34	1104
1124844	42615	230726	57	N	62.5		24.8	-10.9	0.1	5	92	2.84	0		-10.9	0.1		395647.61	6907899.27	1107
1124844	42615	230910	57	N	75		24.8	-8.5	1.7	-5	87	2.69	0		-8.5	1.7		395657.04	6907911.62	1107

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	230950	57	N	87.5		24.8	-14.3	-0.3	2	84	2.59	0		-14.3	-0.3		395662.14	6907920.73	1108
1124844	42615	231038	57	N	100		24.8	-20.3	-4.3	8	84	2.61	0		-20.3	-4.3		395664.45	6907930.55	1110
1124844	42615	231122	57	N	112.5		24.8	-18	-4.5	-22	83	2.66	0		-18	-4.5		395671.58	6907941.29	1112
1124844	42615	231214	57	N	125		24.8	-21.2	-5.4	-2	86	2.67	0		-21.2	-5.4		395679.78	6907947.01	1115
1124844	42615	231254	57	N	137.5		24.8	-24.4	-7.2	13	89	2.77	0		-24.4	-7.2		395689.29	6907951.56	1118
1124844	42615	231330	57	N	150		24.8	-28.6	-9	33	85	2.82	0		-28.6	-9		395695.26	6907964.12	1120
1124844	42615	231410	57	N	162.5		24.8	-27.3	-5.2	33	88	2.89	0		-27.3	-5.2		395700.15	6907975.97	1118
1124844	42615	231454	57	N	175		24.8	-33.9	-11.5	51	78	2.89	0		-33.9	-11.5		395707.32	6907987.15	1122
1124844	42615	231546	57	N	187.5		24.8	-39.5	-16.4	21	91	2.87	0		-39.5	-16.4		395711.35	6908000.1	1122
1124844	42615	231634	57	N	200		24.8	-42.7	-19.3	0	91	2.82	0		-42.7	-19.3		395713.49	6908010.34	1126
1124844	42615	231730	57	N	212.5		24.8	-31.5	-7	9	97	3.02	0		-31.5	-7		395722.45	6908019.2	1129
1124844	42615	231850	57	N	225		24.8	-25.5	-2.9	-8	97	3.02	0		-25.5	-2.9		395728.78	6908031.64	1132
1124844	42615	231954	57	N	237.5		24.8	-21.1	1.9	21	98	3.08	0		-21.1	1.9		395734.92	6908039.75	1133
1124844	42615	232110	57	N	250		24.8	-18.4	3.3	23	96	3.06	0		-18.4	3.3		395742.94	6908051.32	1134
1124844	42615	232218	57	N	262.5		24.8	-18	3.5	30	96	3.11	0		-18	3.5		395750.29	6908061.41	1135
1124844	42615	232310	57	N	275		24.8	-19.4	2.7	0	96	2.96	0		-19.4	2.7		395757.2	6908072.31	1138
1124844	42615	232406	57	N	287.5		24.8	-20.5	1.8	24	96	3.06	0		-20.5	1.8		395768.03	6908082.26	1139
1124844	42615	232450	57	N	300		24.8	-20.6	3	12	97	3.02	0		-20.6	3		395776.04	6908090.67	1140
1124844	42615	232550	57	N	312.5		24.8	-24.4	0	30	97	3.13	0		-24.4	0		395783.69	6908100.79	1143
1124844	42615	232634	57	N	325		24.8	-24.9	-0.5	20	97	3.05	0		-24.9	-0.5		395792.63	6908110.52	1143
1124844	42615	232718	57	N	337.5		24.8	-18.2	3	0	97	3.01	0		-18.2	3		395800.94	6908121.11	1146
1124844	42615	232806	57	N	350		24.8	-12.4	6	0	97	3.01	0		-12.4	6		395809.44	6908130.22	1149
1124844	42615	232846	57	N	362.5		24.8	-6.5	11.1	10	97	3.02	0		-6.5	11.1		395818.22	6908139.91	1148
1124844	42615	232926	57	N	375		24.8	-11.2	6.2	16	97	3.03	0		-11.2	6.2		395826.56	6908150	1150
1124844	42615	233010	57	N	387.5		24.8	-9.3	6.5	9	97	3.02	0		-9.3	6.5		395831.2	6908161.1	1153
1124844	42615	233050	57	N	400		24.8	-14	2.2	35	97	3.19	0		-14	2.2		395836.61	6908171.55	1155
1124844	42615	233134	57	N	412.5		24.8	-14.8	-0.1	2	97	2.99	0		-14.8	-0.1		395842.72	6908185.15	1157
1124844	42615	233414	57	N	425		24.8	-14.6	-4	-4	97	3.01	0		-14.6	-4		395850.66	6908197.09	1160
1124844	42615	233458	57	N	437.5		24.8	-8	-2.7	-10	97	3.02	0		-8	-2.7		395859.06	6908209.11	1163
1124844	42615	233534	57	N	450		24.8	3	1.9	-2	97	3	0		3	1.9		395866.53	6908219.35	1164
1124844	42615	233622	57	N	462.5		24.8	10.1	4.2	-21	96	3.04	0		10.1	4.2		395875.58	6908231.01	1165
1124844	42615	233658	57	N	475		24.8	6.8	-0.6	-27	96	3.08	0		6.8	-0.6		395884.41	6908238.09	1166
1124844	42615	233802	57	N	487.5		24.8	9.1	2.4	-6	94	2.9	0		9.1	2.4		395891.42	6908250.19	1169
1124844	42615	233826	57	N	487.5		24.8	8.3	2.2	-5	94	2.92	1					395891.31	6908249.52	1167
8042728	42617	211930	71	N	0		24.8	-4.2	1.8	-13	95	2.95	0		-4.2	1.8		396864.79	6908262.02	1219
8042728	42617	211946	71	N	0		24.8	-4.2	2.2	-13	93	2.89	1					396864.66	6908261.94	1219
8042728	42617	212002	71	N	0		24.8	-4.4	1.6	-11	97	3	1					396864.65	6908261.66	1219
8042728	42617	212122	71	N	12.5		24.8	-5	2.7	-9	95	2.93	0		-5	2.7		396871.34	6908271.37	1218
8042728	42617	212218	71	N	25		24.8	-3.4	7.6	-9	93	2.88	0		-3.4	7.6		396878.36	6908283.34	1218
8042728	42617	212254	71	N	37.5		24.8	-5.6	6.7	-14	94	2.93	0		-5.6	6.7		396888.33	6908293.07	1217
8042728	42617	212342	71	N	50		24.8	-7	7.3	-10	90	2.81	0		-7	7.3		396895.36	6908302.45	1217
8042728	42617	212414	71	N	62.5		24.8	-11	5.9	-20	92	2.91	0		-11	5.9		396901.79	6908312.2	1217
8042728	42617	212442	71	N	75		24.8	-15.9	3.8	-4	95	2.92	0		-15.9	3.8		396906.85	6908320.82	1217
8042728	42617	212458	71	N	75		24.8	-14.1	3.8	-12	90	2.79	1					396906.74	6908320.76	1217
8042728	42617	212518	71	N	75		24.8	-14.8	3.9	-13	92	2.88	1					396906.72	6908320.75	1218
8042728	42617	212542	71	N	75		24.8	-15.1	3.8	-24	94	3	1					396906.45	6908320.44	1218
8042728	42617	212614	71	N	87.5		24.8	-17.3	4	-11	89	2.75	0		-17.3	4		396912.19	6908330.88	1218
8042728	42617	212642	71	N	100		24.8	-22.7	0.6	-16	93	2.92	0		-22.7	0.6		396918.31	6908340.18	1217
8042728	42617	212722	71	N	112.5		24.8	-32.6	-2.6	6	102	3.14	0		-32.6	-2.6		396928.01	6908354.25	1217
8042728	42617	212750	71	N	125		24.8	-23.8	5.6	9	102	3.15	0		-23.8	5.6		396934.78	6908364.8	1218
8042728	42617	212822	71	N	137.5		24.8	-22.4	8.8	13	98	3.07	0		-22.4	8.8		396941.49	6908373.24	1217
8042728	42617	212850	71	N	150		24.8	-20.9	9.8	12	100	3.1	0		-20.9	9.8		396949.85	6908383.81	1215
8042728	42617	212922	71	N	162.5		24.8	-21.9	8.8	7	100	3.1	0		-21.9	8.8		396955.91	6908392.61	1215
8042728	42617	212954	71	N	175		24.8	-27	-0.9	-13	101	3.15	0		-27	-0.9		396965.68	6908405.56	1216
8042728	42617	213026	71	N	187.5		24.8	-30.2	-8.2	-10	109	3.39	0		-30.2	-8.2		396973.3	6908417.26	1217
8042728	42617	213058	71	N	200		24.8	-30.3	-14	1	122	3.76	0		-30.3	-14		396980.83	6908426.4	1217
8042728	42617	213134	71	N	212.5		24.8	-21.6	-16.4	-13	66	4.19	0		-21.6	-16.4		396986.66	6908435.22	1217
8042728	42617	213206	71	N	225		24.8	-2.4	-10.2	-5	70	4.36	0		-2.4	-10.2		396992.22	6908443.83	1218
8042728	42617	213242	71	N	237.5		24.8	11.2	-8.4	4	65	4.01	0		11.2	-8.4		397000.14	6908454.07	1218
8042728	42617	213310	71	N	250		24.8	25.1	-7.6	-7	64	3.96	0		25.1	-7.6		397007.25	6908463.46	1219
8042728	42617	213346	71	N	262.5		24.8	38.6	-3	0	57	3.54	0		38.6	-3		397014.81	6908474.18	1219
8042728	42617	213418	71	N	275		24.8	43.2	-2.7	-3	52	3.22	0		43.2	-2.7		397020.44	6908481.66	1219
8042728	42617	213454	71	N	287.5		24.8	41.3	-4.4	2	47	2.89	0		41.3	-4.4		397026.76	6908491.95	1220
8042728	42617	213522	71	N	300		24.8	31.9	-7.8	0	91	2.81	0		31.9	-7.8		397034.25	6908502.31	1221
8042728	42617	213550	71	N	312.5		24.8	25.6	-11	12	90	2.8	0		25.6	-11		397041.57	6908512.63	1222
8042728	42617	213622	71	N	325		24.8	19.5	-14.5	13	89	2.77	0		19.5	-14.5		397050.14	6908523.46	1223

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42617	213650	71	N	337.5		24.8	11.8	-17.3	-4	89	2.75	0		11.8	-17.3		397058.65	6908534.36	1223
8042728	42617	213718	71	N	350		24.8	6.9	-17.2	0	91	2.81	0		6.9	-17.2		397064.86	6908543.07	1224
8042728	42617	213746	71	N	362.5		24.8	2.4	-18.6	1	85	2.62	0		2.4	-18.6		397071.46	6908551.41	1225
8042728	42617	213818	71	N	375		24.8	-0.5	-17.1	12	87	2.71	0		-0.5	-17.1		397077.8	6908561.71	1225
8042728	42617	213850	71	N	387.5		24.8	-3	-17	5	89	2.75	0		-3	-17		397085.27	6908570.7	1229
8042728	42617	213930	71	N	400		24.8	-6.8	-17.3	-6	90	2.8	0		-6.8	-17.3		397091.15	6908579.04	1228
8042728	42617	213946	71	N	400		24.8	-6	-17.7	-19	89	2.81	1					397091.45	6908579.14	1228
8042728	42617	214002	71	N	412.5		24.8	-6.1	-16.7	-4	91	2.82	0		-6.1	-16.7		397090.9	6908578.4	1227
8042728	42617	214030	71	N	400		24.8	-6.9	-16.1	1	93	2.88	0		-6.9	-16.1		397090.57	6908577.98	1227
8042728	42617	214122	71	N	412.5		24.8	-11.6	-16.7	43	85	2.95	0		-11.6	-16.7		397101.57	6908588.28	1229
8042728	42617	214158	71	N	425		24.8	-14.5	-16.7	42	90	3.06	0		-14.5	-16.7		397110.58	6908596.38	1230
8042728	42617	214234	71	N	437.5		24.8	-17.6	-17.1	42	91	3.09	0		-17.6	-17.1		397119.84	6908602.57	1232
8042728	42617	214318	71	N	437.5		24.8	-16.5	-16.1	18	96	3.02	1					397114.38	6908608.54	1230
8042728	42617	214454	71	N	450		24.8	-20.8	-16.7	23	102	3.22	0		-20.8	-16.7		397122.7	6908618.56	1232
8042728	42617	214526	71	N	462.5		24.8	-19.2	-14.1	29	104	3.34	0		-19.2	-14.1		397130.96	6908628.28	1234
8042728	42617	214614	71	N	475		24.8	-14	-6.9	19	101	3.18	0		-14	-6.9		397139.67	6908636.8	1239
8042728	42617	214646	71	N	487.5		24.8	-15.9	-7.5	3	102	3.15	0		-15.9	-7.5		397146.23	6908647.99	1241
8042728	42617	214718	71	N	500		24.8	-20.2	-10.8	21	96	3.03	0		-20.2	-10.8		397152.58	6908657.91	1240
8042728	42617	214754	71	N	512.5		24.8	-24.3	-13.7	11	100	3.11	0		-24.3	-13.7		397160.78	6908668.71	1243
8042728	42617	214818	71	N	525		24.8	-23.9	-12	-2	103	3.17	0		-23.9	-12		397167.75	6908678.67	1243
8042728	42617	214842	71	N	537.5		24.8	-19.4	-6.1	0	111	3.43	0		-19.4	-6.1		397174.94	6908690.58	1241
8042728	42617	214910	71	N	550		24.8	-13.2	-1.5	-10	110	3.4	0		-13.2	-1.5		397183.35	6908702.95	1240
8042728	42617	214926	71	N	550		24.8	-12.8	-1.3	-11	112	3.46	1					397183.26	6908702.69	1240
8042728	42617	214942	71	N	550		24.8	-13.1	-1.4	4	115	3.54	1					397183.28	6908702.98	1240
8042728	42617	215522	73	N	550		24.8	1.6	9.5	-11	114	3.53	0		1.6	9.5		397305.22	6908613.64	1256
8042728	42617	215622	73	N	550		24.8	0.6	9.6	-5	111	3.44	1					397305.41	6908613.73	1256
8042728	42617	215658	73	N	537.5		24.8	-1.2	6	-18	109	3.41	0		-1.2	6		397297.03	6908604.13	1260
8042728	42617	215746	73	N	525		24.8	-2.5	1	-20	110	3.46	0		-2.5	1		397290.89	6908594.15	1263
8042728	42617	215834	73	N	512.5		24.8	-2.9	-2.3	-7	107	3.3	0		-2.9	-2.3		397283.75	6908585.34	1259
8042728	42617	215906	73	N	500		24.8	-2.7	-3.8	-2	106	3.27	0		-2.7	-3.8		397274.98	6908575.98	1255
8042728	42617	215934	73	N	487.5		24.8	-1.7	-3.3	-3	103	3.18	0		-1.7	-3.3		397267.58	6908566.41	1251
8042728	42617	220002	73	N	475		24.8	0.9	-1.8	-17	102	3.2	0		0.9	-1.8		397260.61	6908557.24	1248
8042728	42617	220018	73	N	475		24.8	1.1	-2.4	-12	106	3.28	1					397260.83	6908557.75	1248
8042728	42617	220046	73	N	462.5		24.8	3.5	-0.8	1	107	3.29	0		3.5	-0.8		397254.12	6908548.63	1244
8042728	42617	220118	73	N	450		24.8	3.5	-2.7	-12	111	3.45	0		3.5	-2.7		397246.59	6908538.23	1242
8042728	42617	220154	73	N	437.5		24.8	4.5	-3.1	1	113	3.47	0		4.5	-3.1		397240.18	6908529.1	1239
8042728	42617	220222	73	N	425		24.8	1.9	-5.1	-17	112	3.5	0		1.9	-5.1		397233.45	6908519.3	1237
8042728	42617	220250	73	N	412.5		24.8	-6.5	-15.5	-15	108	3.36	0		-6.5	-15.5		397225.29	6908507.21	1235
8042728	42617	220314	73	N	400		24.8	-6.8	-16.3	-13	107	3.34	0		-6.8	-16.3		397219.39	6908497.65	1234
8042728	42617	220338	73	N	387.5		24.8	-4.5	-16.1	-10	104	3.23	0		-4.5	-16.1		397211.62	6908487.4	1232
8042728	42617	220406	73	N	375		24.8	-2.1	-17.7	-3	96	2.97	0		-2.1	-17.7		397202.07	6908473.79	1230
8042728	42617	220430	73	N	362.5		24.8	0	-18.3	-5	100	3.09	0		0	-18.3		397198.56	6908465.58	1230
8042728	42617	220502	73	N	350		24.8	2.1	-19	-14	99	3.08	0		2.1	-19		397192.19	6908455.03	1228
8042728	42617	220530	73	N	-12.5		24.8	4.5	-19.5	-15	96	3.01	0		4.5	-19.5		397186.65	6908446.46	1227
8042728	42617	220602	73	N	-25		24.8	11.7	-18.1	-14	96	3	0		11.7	-18.1		397179.05	6908434.43	1226
8042728	42617	220638	73	N	-37.5		24.8	18.9	-15.3	-13	98	3.06	0		18.9	-15.3		397170.06	6908421.01	1224
8042728	42617	220702	73	N	-50		24.8	24	-13.4	-19	98	3.07	0		24	-13.4		397163.91	6908413.46	1223
8042728	42617	220726	73	N	-62.5		24.8	28.6	-12.3	-13	99	3.09	0		28.6	-12.3		397157.5	6908404.7	1222
8042728	42617	220758	73	N	-75		24.8	36.3	-8.8	-7	98	3.05	0		36.3	-8.8		397150.52	6908394.47	1221
8042728	42617	220842	73	N	-75		24.8	42.2	-6.2	-17	102	3.19	1					397142.01	6908380	1221
8042728	42617	220918	73	N	-75		24.8	48	-4.2	-6	109	3.36	1					397134.45	6908369.15	1221
8042728	42617	221010	73	N	237.5		24.8	54.8	2.9	7	117	3.6	0		54.8	2.9		397127.65	6908357.46	1219
8042728	42617	221046	73	N	-12.5		24.8	50	-3.4	8	127	3.94	0		50	-3.4		397121.26	6908348.51	1219
8042728	42617	221118	73	N	-12.5		24.8	25.8	-11.8	-5	68	4.22	1					397114.27	6908338.16	1218
8042728	42617	221150	73	N	200		24.8	22.6	-8.7	-3	69	4.25	0		22.6	-8.7		397106.66	6908328.08	1217
8042728	42617	221210	73	N	200		24.8	24.2	-7.3	-8	69	4.3	1					397106.54	6908327.81	1217
8042728	42617	221242	73	N	187.5		24.8	18.9	-5.5	-5	68	4.24	0		18.9	-5.5		397100.55	6908317.68	1216
8042728	42617	221314	73	N	175		24.8	14.6	-2.2	-13	71	4.47	0		14.6	-2.2		397096.1	6908308.97	1216
8042728	42617	221354	73	N	162.5		24.8	4.1	-1.9	-6	74	4.57	0		4.1	-1.9		397088.57	6908296.7	1215
8042728	42617	221426	73	N	150		24.8	-6.5	-1.9	-1	75	4.66	0		-6.5	-1.9		397081.53	6908286.28	1214
8042728	42617	221502	73	N	137.5		24.8	-24.1	-7.8	-4	68	4.22	0		-24.1	-7.8		397075.22	6908277	1214
8042728	42617	221534	73	N	125		24.8	-26.6	-2.6	-8	61	3.84	0		-26.6	-2.6		397069.62	6908268.17	1213
8042728	42617	221606	73	N	112.5		24.8	-21.4	4.7	-16	59	3.81	0		-21.4	4.7		397064.51	6908259.33	1213
8042728	42617	221642	73	N	100		24.8	-27.7	-0.1	-3	56	3.48	0		-27.7	-0.1		397057.68	6908248.14	1213
8042728	42617	221722	73	N	87.5		24.8	-23.6	3.3	-4	57	3.54	0		-23.6	3.3		397051.33	6908235.94	1212
8042728	42617	221754	73	N	75		24.8	-14.6	8.6	-3	55	3.39	0		-14.6	8.6		397044.72	6908225.09	1212

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42617	221826	73	N	62.5		24.8	-8.7	12.5	-14	52	3.32	0		-8.7	12.5		397037.9	6908214.08	1212
8042728	42617	221858	73	N	50		24.8	-2.9	15	-13	51	3.27	0		-2.9	15		397031.56	6908203.88	1212
8042728	42617	221926	73	N	37.5		24.8	-0.8	12.3	-4	54	3.39	0		-0.8	12.3		397025.3	6908194.82	1212
8042728	42617	222014	73	N	25		24.8	2.7	12.7	-4	53	3.27	0		2.7	12.7		397016.48	6908182.46	1213
8042728	42617	222038	73	N	12.5		24.8	6.2	14.6	-4	53	3.32	0		6.2	14.6		397010.25	6908173.76	1213
8042728	42617	222106	73	N	0		24.8	10.2	17.4	-5	52	3.27	0		10.2	17.4		397004.67	6908165.02	1214
8042728	42617	222138	73	N	12.5		24.8	13.6	18.9	-6	53	3.34	0		13.6	18.9		396996.29	6908154.84	1214
8042728	42617	222206	73	N	25		24.8	19.8	23.4	-12	56	3.56	0		19.8	23.4		396988.02	6908141.92	1214
8042728	42617	222226	73	N	25		24.8	19.4	21.9	-7	55	3.45	1					396988.73	6908142.01	1213
8042728	42617	222242	73	N	25		24.8	20.1	23.1	-3	56	3.47	1					396988.89	6908142.08	1213
8042728	42617	222738	75	N	0		24.8	-1.2	17.7	-7	51	3.22	0		-1.2	17.7		397067.67	6908118.34	1206
8042728	42617	222754	75	N	0		24.8	-1.5	16.6	-5	51	3.19	1					397067.46	6908117.93	1206
8042728	42617	222826	75	N	12.5		24.8	-5.8	13.4	-9	51	3.24	0		-5.8	13.4		397076.33	6908128.48	1206
8042728	42617	222858	75	N	25		24.8	-10.7	13.5	1	51	3.19	0		-10.7	13.5		397084.03	6908138.03	1205
8042728	42617	222926	75	N	37.5		24.8	-13.3	12.4	-1	51	3.14	0		-13.3	12.4		397090.61	6908145.48	1205
8042728	42617	222958	75	N	50		24.8	-22.2	6.4	3	48	3.01	0		-22.2	6.4		397097.75	6908155.25	1205
8042728	42617	223030	75	N	62.5		24.8	-27.7	3	-2	108	3.33	0		-27.7	3		397104.92	6908166.14	1205
8042728	42617	223110	75	N	75		24.8	-30.1	-0.5	-4	114	3.52	0		-30.1	-0.5		397112.5	6908176.91	1204
8042728	42617	223138	75	N	87.5		24.8	-30.9	-4.3	2	124	3.81	0		-30.9	-4.3		397120.22	6908184.51	1204
8042728	42617	223214	75	N	100		24.8	-5.5	4.8	0	65	4.04	0		-5.5	4.8		397127.21	6908196.6	1204
8042728	42617	223242	75	N	112.5		24.8	0.4	3.3	-18	64	4.12	0		0.4	3.3		397132.39	6908204.27	1203
8042728	42617	223334	75	N	125		24.8	3	2.7	-6	61	3.79	0		3	2.7		397142.04	6908217.26	1206
8042728	42617	223402	75	N	137.5		24.8	-0.7	-2.7	-3	56	3.49	0		-0.7	-2.7		397146.84	6908226.94	1208
8042728	42617	223430	75	N	150		24.8	-3.9	-7.3	-5	60	3.76	0		-3.9	-7.3		397153.79	6908236.68	1208
8042728	42617	223506	75	N	162.5		24.8	-5.3	-10.4	0	63	3.89	0		-5.3	-10.4		397160.78	6908245.25	1208
8042728	42617	223546	75	N	175		24.8	-2.8	-12.5	0	65	4.03	0		-2.8	-12.5		397169.56	6908256.22	1209
8042728	42617	223642	75	N	187.5		24.8	5.4	-10.1	1	70	4.31	0		5.4	-10.1		397175.03	6908265.08	1209
8042728	42617	223714	75	N	200		24.8	27.6	-1.2	-1	65	4.04	0		27.6	-1.2		397182.75	6908275.85	1210
8042728	42617	223814	75	N	212.5		24.8	29.9	-5	-4	59	3.64	0		29.9	-5		397188.52	6908285.01	1212
8042728	42617	223910	75	N	225		24.8	29.9	-7.5	3	57	3.52	0		29.9	-7.5		397194.47	6908294.94	1212
8042728	42617	223942	75	N	237.5		24.8	33.2	-5.3	0	53	3.29	0		33.2	-5.3		397201.75	6908305.6	1213
8042728	42617	224014	75	N	250		24.8	31.1	-7.2	3	50	3.14	0		31.1	-7.2		397208.05	6908317.25	1214
8042728	42617	224042	75	N	262.5		24.8	27.4	-9.6	-7	50	3.12	0		27.4	-9.6		397215.3	6908324.89	1214
8042728	42617	224126	75	N	275		24.8	21.9	-8.7	6	48	3.01	0		21.9	-8.7		397223.83	6908334.79	1214
8042728	42617	224206	75	N	287.5		24.8	15.1	-7.7	21	97	3.07	0		15.1	-7.7		397230.95	6908345.93	1215
8042728	42617	224238	75	N	300		24.8	11.1	-8.7	7	94	2.92	0		11.1	-8.7		397238.98	6908353.29	1216
8042728	42617	224314	75	N	312.5		24.8	6.2	-10.2	1	96	2.97	0		6.2	-10.2		397244.3	6908362.17	1217
8042728	42617	224354	75	N	325		24.8	0.1	-11.1	9	98	3.03	0		0.1	-11.1		397253.87	6908374.27	1217
8042728	42617	224422	75	N	337.5		24.8	-1.4	-9.7	11	97	3.02	0		-1.4	-9.7		397261.9	6908380.27	1217
8042728	42617	224454	75	N	350		24.8	-7.3	-12.9	15	97	3.03	0		-7.3	-12.9		397268.68	6908389.59	1218
8042728	42617	224534	75	N	362.5		24.8	-11.7	-14.9	8	100	3.08	0		-11.7	-14.9		397275.53	6908400.72	1219
8042728	42617	224610	75	N	375		24.8	-14.3	-15.4	-10	105	3.25	0		-14.3	-15.4		397281.64	6908410.43	1220
8042728	42617	224642	75	N	387.5		24.8	-17.7	-14.8	9	104	3.21	0		-17.7	-14.8		397289.29	6908420.03	1220
8042728	42617	224718	75	N	400		24.8	-20.9	-16.3	0	108	3.33	0		-20.9	-16.3		397297.05	6908430.3	1223
8042728	42617	224746	75	N	412.5		24.8	-19.5	-13.9	-12	113	3.51	0		-19.5	-13.9		397304.78	6908442.57	1223
8042728	42617	224818	75	N	425		24.8	-13	-6.5	-4	118	3.64	0		-13	-6.5		397310.83	6908451.56	1225
8042728	42617	224858	75	N	437.5		24.8	-13.3	-6.1	1	112	3.47	0		-13.3	-6.1		397317.07	6908463	1226
8042728	42617	224946	75	N	450		24.8	-11.3	-4.4	9	113	3.51	0		-11.3	-4.4		397322.96	6908471.67	1229
8042728	42617	225018	75	N	462.5		24.8	-10.6	-1.6	29	113	3.59	0		-10.6	-1.6		397331.22	6908482.01	1230
8042728	42617	225054	75	N	475		24.8	-10.7	-1.6	5	115	3.54	0		-10.7	-1.6		397340.8	6908492.85	1232
8042728	42617	225126	75	N	487.5		24.8	-12	-2	4	118	3.64	0		-12	-2		397347.87	6908501.54	1233
8042728	42617	225158	75	N	500		24.8	-8.6	2.3	7	117	3.63	0		-8.6	2.3		397355.06	6908511.74	1234
8042728	42617	225238	75	N	512.5		24.8	-7.6	2.8	-25	116	3.65	0		-7.6	2.8		397361.09	6908521.64	1237
8042728	42617	225254	75	N	512.5		24.8	-8.1	2.3	-21	116	3.65	1					397361.33	6908521.53	1236
8042728	42617	225330	75	N	525		24.8	-5.5	6.5	-6	117	3.62	0		-5.5	6.5		397367.68	6908530.81	1234
8042728	42617	225450	75	N	537.5		24.8	-7.6	6	-21	115	3.62	0		-7.6	6		397375.13	6908542.77	1237
8042728	42617	225522	75	N	550		24.8	-9	5.9	-9	117	3.63	0		-9	5.9		397382.09	6908552.44	1240
8042728	42617	225550	75	N	562.5		24.8	-10.6	4.6	-31	117	3.74	0		-10.6	4.6		397386.16	6908560.93	1239
8042728	42617	225606	75	N	562.5		24.8	-10.8	4.9	-23	116	3.65	1					397386.03	6908560.88	1239
8042728	42617	225622	75	N	562.5		24.8	-11.1	4.7	-21	117	3.66	1					397386.09	6908560.49	1238
1124844	42617	212018	70	N	0		24.8	6.4	4.9	4	39	2.44	0		6.4	4.9		396823.4	6908292.91	1216
1124844	42617	212054	70	N	0		24.8	1.5	2.6	5	74	2.31	1					396823.35	6908292.89	1216
1124844	42617	212118	70	N	0		24.8	8.3	7.2	11	82	2.55	1					396823.31	6908292.85	1216
1124844	42617	212158	70	N	12.5		24.8	0.4	0.5	21	85	2.7	0		0.4	0.5		396830.3	6908303.72	1216
1124844	42617	212230	70	N	25		24.8	5.1	5.8	13	85	2.66	0		5.1	5.8		396838.47	6908314.22	1216
1124844	42617	212406	70	N	37.5		24.8	3.4	7.3	10	81	2.52	0		3.4	7.3		396848.76	6908327.59	1215

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42617	212434	70	N	50		24.8	-1.1	2.2	-1	82	2.52	0		-1.1	2.2		396855.62	6908339.51	1214
1124844	42617	212518	70	N	62.5		24.8	-5.6	1.8	6	84	2.6	0		-5.6	1.8		396862.63	6908350.03	1216
1124844	42617	212550	70	N	75		24.8	-9.6	-0.4	5	89	2.76	0		-9.6	-0.4		396868.3	6908361.21	1215
1124844	42617	212622	70	N	87.5		24.8	-7.3	2.3	-1	88	2.73	0		-7.3	2.3		396877.18	6908369.55	1214
1124844	42617	212650	70	N	100		24.8	-8.3	3.6	3	93	2.88	0		-8.3	3.6		396884.79	6908377.07	1215
1124844	42617	212718	70	N	112.5		24.8	3.2	15.4	-1	92	2.84	0		3.2	15.4		396890.77	6908387.88	1217
1124844	42617	212746	70	N	125		24.8	1.7	15.7	6	86	2.66	0		1.7	15.7		396898.36	6908398	1218
1124844	42617	212818	70	N	137.5		24.8	-1.9	13.8	24	85	2.73	0		-1.9	13.8		396905.53	6908408.45	1216
1124844	42617	212846	70	N	150		24.8	-4.4	10.4	8	84	2.6	0		-4.4	10.4		396913.26	6908417.78	1215
1124844	42617	212918	70	N	162.5		24.8	-10.8	6.3	15	82	2.57	0		-10.8	6.3		396921.65	6908426.86	1214
1124844	42617	212950	70	N	175		24.8	-16.1	-3.8	9	86	2.67	0		-16.1	-3.8		396930.17	6908437.81	1214
1124844	42617	213022	70	N	187.5		24.8	-22.2	-5.4	17	91	2.86	0		-22.2	-5.4		396937.05	6908449.04	1215
1124844	42617	213058	70	N	200		24.8	-27	-10.5	22	96	3.06	0		-27	-10.5		396944.98	6908457.49	1215
1124844	42617	213134	70	N	212.5		24.8	-24.8	-14.5	33	98	3.2	0		-24.8	-14.5		396952.2	6908467.93	1218
1124844	42617	213210	70	N	225		24.8	12.3	-3.6	27	98	3.15	0		12.3	-3.6		396960.4	6908477.85	1217
1124844	42617	213238	70	N	237.5		24.8	22.2	-4.9	16	98	3.07	0		22.2	-4.9		396968.42	6908487.97	1218
1124844	42617	213314	70	N	250		24.8	34.5	-0.9	36	98	3.23	0		34.5	-0.9		396972.6	6908499.96	1218
1124844	42617	213346	70	N	262.5		24.8	45.5	3.4	35	98	3.22	0		45.5	3.4		396979.39	6908510.43	1216
1124844	42617	213426	70	N	275		24.8	51.9	6.4	22	95	3.01	0		51.9	6.4		396984.9	6908521.88	1217
1124844	42617	213458	70	N	287.5		24.8	45.3	-0.7	33	84	2.78	0		45.3	-0.7		396991.55	6908532.14	1218
1124844	42617	213534	70	N	300		24.8	39.4	-7.8	7	84	2.61	0		39.4	-7.8		397001.98	6908543.04	1219
1124844	42617	213606	70	N	312.5		24.8	35	-11.5	8	79	2.47	0		35	-11.5		397010.05	6908553.52	1220
1124844	42617	213638	70	N	325		24.8	27.3	-13.4	5	81	2.52	0		27.3	-13.4		397017.2	6908561.39	1221
1124844	42617	213710	70	N	337.5		24.8	22.7	-14.4	4	78	2.4	0		22.7	-14.4		397023.44	6908572.04	1222
1124844	42617	213746	70	N	350		24.8	17.7	-16.6	-1	78	2.41	0		17.7	-16.6		397032.05	6908581.72	1223
1124844	42617	213818	70	N	362.5		24.8	9.9	-18.9	5	78	2.4	0		9.9	-18.9		397042.23	6908589.61	1223
1124844	42617	213854	70	N	375		24.8	6.8	-16.8	7	78	2.43	0		6.8	-16.8		397051.18	6908600.5	1224
1124844	42617	213930	70	N	387.5		24.8	6.5	-14.8	6	80	2.49	0		6.5	-14.8		397054.92	6908611.07	1223
1124844	42617	214002	70	N	400		24.8	3.1	-14.2	9	81	2.51	0		3.1	-14.2		397062.39	6908621.28	1226
1124844	42617	214030	70	N	412.5		24.8	-0.1	-15.9	1	85	2.61	0		-0.1	-15.9		397068.35	6908629.27	1226
1124844	42617	214102	70	N	425		24.8	-5.1	-18	10	87	2.7	0		-5.1	-18		397077.88	6908640.28	1227
1124844	42617	214134	70	N	437.5		24.8	-6.1	-17.5	5	89	2.74	0		-6.1	-17.5		397082.16	6908651.91	1229
1124844	42617	214202	70	N	450		24.8	-9.8	-17.7	7	93	2.89	0		-9.8	-17.7		397089.09	6908662.27	1230
1124844	42617	214234	70	N	462.5		24.8	-0.2	-7.1	16	92	2.9	0		-0.2	-7.1		397095.1	6908672.91	1230
1124844	42617	214306	70	N	475		24.8	-2.8	-7.7	21	93	2.95	0		-2.8	-7.7		397103.27	6908684.15	1230
1124844	42617	214334	70	N	487.5		24.8	-4	-9.2	15	93	2.92	0		-4	-9.2		397110.31	6908694.25	1230
1124844	42617	214406	70	N	500		24.8	-2.5	-7.2	7	96	2.96	0		-2.5	-7.2		397117.64	6908705.54	1231
1124844	42617	214438	70	N	512.5		24.8	-1.8	-6.6	18	96	3.01	0		-1.8	-6.6		397124.96	6908715.45	1231
1124844	42617	214506	70	N	525		24.8	3.5	-3.4	-15	95	2.98	0		3.5	-3.4		397131.16	6908725.87	1232
1124844	42617	214546	70	N	537.5		24.8	3.4	-2.2	-2	96	2.97	0		3.4	-2.2		397140.03	6908733.92	1234
1124844	42617	214622	70	N	550		24.8	6.6	0.8	-9	95	2.94	0		6.6	0.8		397147.84	6908741.58	1237
1124844	42617	214638	70	N	550		24.8	3.6	-0.5	8	94	2.92	1					397147.83	6908741.5	1238
1124844	42617	215314	72	N	550		24.8	-13.1	1.2	22	93	2.94	0		-13.1	1.2		397222.25	6908676.2	1243
1124844	42617	215434	72	N	550		24.8	-11.4	0.9	25	95	3.04	1					397222.17	6908676.22	1243
1124844	42617	215534	72	N	537.5		24.8	-13.7	-0.4	14	95	2.96	0		-13.7	-0.4		397214.48	6908666.54	1245
1124844	42617	215606	72	N	525		24.8	-12.9	-2.9	28	93	3	0		-12.9	-2.9		397207.3	6908655.61	1246
1124844	42617	215638	72	N	512.5		24.8	-9.8	-2.2	64	73	3.01	0		-9.8	-2.2		397203.18	6908644.75	1249
1124844	42617	215710	72	N	500		24.8	-10.3	-1.9	29	91	2.95	0		-10.3	-1.9		397197.99	6908633.44	1251
1124844	42617	215742	72	N	487.5		24.8	-7.8	-1.6	30	88	2.88	0		-7.8	-1.6		397188.86	6908623.91	1250
1124844	42617	215814	72	N	475		24.8	-10.7	11.7	28	86	2.78	0		-10.7	11.7		397182.28	6908614.39	1250
1124844	42617	215854	72	N	462.5		24.8	0.9	0	34	86	2.86	0		0.9	0		397174.04	6908602.34	1246
1124844	42617	215930	72	N	450		24.8	-1.3	-3.4	32	92	3.02	0		-1.3	-3.4		397168.38	6908592	1245
1124844	42617	215958	72	N	437.5		24.8	-5.1	-8.7	22	89	2.84	0		-5.1	-8.7		397161.29	6908582.23	1243
1124844	42617	220034	72	N	425		24.8	-9.6	-15.7	13	88	2.75	0		-9.6	-15.7		397152.46	6908573.81	1241
1124844	42617	220106	72	N	412.5		24.8	-8.5	-17.5	15	85	2.67	0		-8.5	-17.5		397144.5	6908563.91	1239
1124844	42617	220134	72	N	400		24.8	-8.7	-20.1	21	85	2.72	0		-8.7	-20.1		397136.45	6908556.21	1236
1124844	42617	220202	72	N	387.5		24.8	-4.9	-19	19	84	2.66	0		-4.9	-19		397127.31	6908545.94	1233
1124844	42617	220242	72	N	375		24.8	-2.5	-18.5	5	86	2.65	0		-2.5	-18.5		397119.46	6908534.16	1230
1124844	42617	220310	72	N	362.5		24.8	1.1	-18.1	19	86	2.72	0		1.1	-18.1		397113.56	6908525.7	1228
1124844	42617	220342	72	N	350		24.8	7.9	-15.2	20	85	2.69	0		7.9	-15.2		397105.84	6908516.26	1227
1124844	42617	220414	72	N	337.5		24.8	11.2	-13.8	29	84	2.74	0		11.2	-13.8		397099	6908503.87	1226
1124844	42617	220446	72	N	325		24.8	15.8	-13.7	23	87	2.77	0		15.8	-13.7		397091.9	6908492.7	1226
1124844	42617	220514	72	N	312.5		24.8	19.1	-14.9	19	85	2.7	0		19.1	-14.9		397086.35	6908483.48	1225
1124844	42617	220546	72	N	300		24.8	23.8	-14.6	22	87	2.78	0		23.8	-14.6		397082.2	6908472.33	1225
1124844	42617	220622	72	N	287.5		24.8	24.8	-15.1	44	86	2.99	0		24.8	-15.1		397079.52	6908460.33	1224
1124844	42617	220654	72	N	275		24.8	33	-9.9	-3	92	2.85	0		33	-9.9		397067.14	6908455.51	1223

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42617	220722	72	N	262.5		24.8	38.8	-6.8	7	96	2.96	0		38.8	-6.8		397056.77	6908447.49	1222
1124844	42617	220802	72	N	250		24.8	46.1	-1.7	27	99	3.16	0		46.1	-1.7		397048.56	6908438.06	1220
1124844	42617	220854	72	N	237.5		24.8	48.5	-1.3	8	99	3.06	0		48.5	-1.3		397041.73	6908426.23	1220
1124844	42617	220926	72	N	225		24.8	24.3	-8.6	26	99	3.17	0		24.3	-8.6		397031.45	6908418.05	1220
1124844	42617	221058	72	N	212.5		24.8	18.2	-3.5	94	99	4.21	0		18.2	-3.5		397024.66	6908394.6	1220
1124844	42617	221134	72	N	200		24.8	-5.4	-10	63	99	3.62	0		-5.4	-10		397015.91	6908385.46	1219
1124844	42617	221206	72	N	187.5		24.8	-15.5	-6	75	99	3.83	0		-15.5	-6		397009.37	6908375.33	1218
1124844	42617	221238	72	N	175		24.8	-20.9	-1	65	99	3.66	0		-20.9	-1		397001.81	6908365.17	1217
1124844	42617	221314	72	N	162.5		24.8	-27.8	-5.9	52	99	3.45	0		-27.8	-5.9		396999.61	6908353.85	1218
1124844	42617	221358	72	N	150		24.8	-38.2	-8.3	36	99	3.24	0		-38.2	-8.3		396992.76	6908343.37	1218
1124844	42617	221430	72	N	137.5		24.8	-39.7	-10.3	21	94	2.98	0		-39.7	-10.3		396985.62	6908332.01	1218
1124844	42617	221506	72	N	125		24.8	-25.9	2.2	14	86	2.7	0		-25.9	2.2		396976.27	6908325.07	1217
1124844	42617	221534	72	N	112.5		24.8	-22.4	2.7	29	91	2.96	0		-22.4	2.7		396969.74	6908315.19	1217
1124844	42617	221606	72	N	100		24.8	-12.2	9.5	34	90	2.96	0		-12.2	9.5		396960.61	6908305.06	1217
1124844	42617	221638	72	N	87.5		24.8	-6.9	11.8	35	87	2.89	0		-6.9	11.8		396952.77	6908295.22	1217
1124844	42617	221714	72	N	75		24.8	-2.4	12.4	7	95	2.93	0		-2.4	12.4		396944.6	6908283.87	1216
1124844	42617	221746	72	N	62.5		24.8	-6.4	6.7	16	92	2.89	0		-6.4	6.7		396936.76	6908273.36	1216
1124844	42617	221814	72	N	50		24.8	-6.7	3	24	95	3.02	0		-6.7	3		396931.27	6908264.52	1217
1124844	42617	221846	72	N	37.5		24.8	-4.5	2.7	49	89	3.13	0		-4.5	2.7		396928.87	6908253.39	1217
1124844	42617	221918	72	N	25		24.8	-0.6	4.8	46	84	2.96	0		-0.6	4.8		396921.68	6908241.36	1218
1124844	42617	221954	72	N	12.5		24.8	1.9	2.8	57	84	3.14	0		1.9	2.8		396912.7	6908227.91	1217
1124844	42617	222022	72	N	12.5		24.8	0.7	3	48	87	3.05	1					396912.8	6908227.62	1218
1124844	42617	222914	74	N	0		24.8	-0.5	13	37	84	2.83	0		-0.5	13		397029.19	6908147.69	1212
1124844	42617	222946	74	N	0		24.8	5.7	16.6	34	87	2.88	1					397029.21	6908147.67	1212
1124844	42617	223510	74	N	12.5		24.8	0.1	12.1	28	87	2.83	0		0.1	12.1		397035.93	6908157.66	1211
1124844	42617	223918	74	N	25		24.8	-7.6	10.8	39	83	2.83	0		-7.6	10.8		397045.25	6908171.55	1211
1124844	42617	224046	74	N	37.5		24.8	-7.3	10.7	10	88	2.73	0		-7.3	10.7		397051.43	6908183.82	1210
1124844	42617	224114	74	N	50		24.8	-14.3	8.1	32	88	2.9	0		-14.3	8.1		397058.22	6908194.02	1210
1124844	42617	224142	74	N	62.5		24.8	-17.4	5.3	19	93	2.94	0		-17.4	5.3		397065.26	6908203.68	1210
1124844	42617	224210	74	N	75		24.8	-25.6	0.2	26	96	3.07	0		-25.6	0.2		397076	6908212.6	1210
1124844	42617	224238	74	N	87.5		24.8	-29.3	-3.8	24	98	3.11	0		-29.3	-3.8		397083.22	6908222.44	1210
1124844	42617	224310	74	N	100		24.8	-31.8	-4.9	51	99	3.44	0		-31.8	-4.9		397089.33	6908233.77	1210
1124844	42617	224342	74	N	112.5		24.8	-27.6	-6.8	32	99	3.21	0		-27.6	-6.8		397096.21	6908240.49	1209
1124844	42617	224422	74	N	125		24.8	1.2	8.5	30	99	3.18	0		1.2	8.5		397099.34	6908252.41	1211
1124844	42617	224450	74	N	137.5		24.8	-4.4	1.1	71	99	3.75	0		-4.4	1.1		397103.52	6908264.16	1211
1124844	42617	224518	74	N	150		24.8	-1.5	-3.9	38	99	3.27	0		-1.5	-3.9		397109.12	6908273.38	1212
1124844	42617	224554	74	N	162.5		24.8	-7.2	-10.9	36	98	3.23	0		-7.2	-10.9		397120.55	6908281.18	1213
1124844	42617	224622	74	N	175		24.8	6.9	-12.8	12	99	3.07	0		6.9	-12.8		397127.69	6908290.83	1213
1124844	42617	224702	74	N	187.5		24.8	20.5	-9.6	19	99	3.1	0		20.5	-9.6		397135.43	6908300.91	1214
1124844	42617	224730	74	N	200		24.8	27.8	-8.8	25	99	3.15	0		27.8	-8.8		397142.79	6908309.51	1215
1124844	42617	224802	74	N	212.5		24.8	35.9	-5.9	22	99	3.12	0		35.9	-5.9		397150.65	6908319.29	1216
1124844	42617	224838	74	N	225		24.8	42.3	-0.7	21	96	3.04	0		42.3	-0.7		397158.08	6908330.44	1216
1124844	42617	224914	74	N	237.5		24.8	43.5	-0.4	20	94	2.96	0		43.5	-0.4		397169.12	6908340.54	1218
1124844	42617	224946	74	N	250		24.8	42.8	-3.2	13	88	2.74	0		42.8	-3.2		397174.35	6908346.03	1217
1124844	42617	225022	74	N	262.5		24.8	37.8	-5.6	12	83	2.58	0		37.8	-5.6		397181.43	6908356.74	1218
1124844	42617	225054	74	N	275		24.8	30.6	-6.5	31	84	2.77	0		30.6	-6.5		397190.73	6908366.42	1218
1124844	42617	225126	74	N	287.5		24.8	25.2	-14.9	23	80	2.58	0		25.2	-14.9		397194.27	6908379.04	1220
1124844	42617	225222	74	N	300		24.8	11.3	-12.2	44	75	2.68	0		11.3	-12.2		397200.58	6908390.1	1220
1124844	42617	225250	74	N	312.5		24.8	8.5	-15.5	24	82	2.65	0		8.5	-15.5		397209.48	6908398.86	1221
1124844	42617	225322	74	N	325		24.8	7.5	-13.8	25	82	2.66	0		7.5	-13.8		397215.13	6908409.7	1222
1124844	42617	225354	74	N	337.5		24.8	6.5	-10.9	31	85	2.81	0		6.5	-10.9		397222.69	6908418.99	1224
1124844	42617	225430	74	N	350		24.8	1	-14.1	25	85	2.75	0		1	-14.1		397228.48	6908430.92	1226
1124844	42617	225506	74	N	362.5		24.8	-6.5	-19.2	27	87	2.83	0		-6.5	-19.2		397235.36	6908441.53	1226
1124844	42617	225534	74	N	375		24.8	-8.8	-20.1	31	89	2.9	0		-8.8	-20.1		397241.89	6908450.61	1228
1124844	42617	225606	74	N	387.5		24.8	-12.7	-19	42	92	3.13	0		-12.7	-19		397249.65	6908461.08	1229
1124844	42617	225638	74	N	400		24.8	-16.7	-18.9	30	98	3.15	0		-16.7	-18.9		397254.99	6908473.28	1231
1124844	42617	225706	74	N	412.5		24.8	-6.7	-8.5	21	99	3.11	0		-6.7	-8.5		397262.04	6908483.11	1232
1124844	42617	225738	74	N	425		24.8	0.2	-0.3	32	96	3.12	0		0.2	-0.3		397269.68	6908494.8	1233
1124844	42617	225810	74	N	437.5		24.8	-2.8	-2.9	45	96	3.27	0		-2.8	-2.9		397275.5	6908502.7	1235
1124844	42617	225850	74	N	450		24.8	-0.7	-1	33	96	3.13	0		-0.7	-1		397286.86	6908510.94	1237
1124844	42617	225922	74	N	462.5		24.8	-3.1	-1.1	39	94	3.15	0		-3.1	-1.1		397295.52	6908522.64	1238
1124844	42617	225954	74	N	475		24.8	-3.8	-1.7	41	93	3.14	0		-3.8	-1.7		397298.18	6908533.67	1240
1124844	42617	230030	74	N	487.5		24.8	-1.2	1.8	38	92	3.08	0		-1.2	1.8		397304.83	6908543.62	1245
1124844	42617	230106	74	N	500		24.8	-1.3	3.2	41	92	3.12	0		-1.3	3.2		397313.04	6908554.18	1246
1124844	42617	230142	74	N	512.5		24.8	-3.1	3.2	24	96	3.07	0		-3.1	3.2		397320.81	6908563.06	1249
1124844	42617	230214	74	N	525		24.8	-4.1	2.8	27	93	3	0		-4.1	2.8		397327.54	6908572.99	1251

Appendix 6 - Merged VLF-EM Data - Frequency 24.8 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	24.8 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42617	230242	74	N	537.5		24.8	-4.1	4.3	17	96	3.02	0		-4.1	4.3		397338.18	6908581.4	1251
1124844	42617	230314	74	N	550		24.8	-6.9	5.3	25	96	3.07	0		-6.9	5.3		397346.82	6908591.05	1250
1124844	42617	230342	74	N	550		24.8	-5.4	6.7	-2	98	3.03	1					397346.17	6908591.46	1250

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	171642	1	N	0		25.2	-15.1	-3.6	20	93	2.9	2				Double reading	394664.52	6908413.57	1161
1124844	22/08/2016	171822	1	N	0		25.2	-15.1	-4.2	13	93	2.85			-15.1	-4.2		394664.39	6908413.04	1160
1124844	22/08/2016	172034	1	N	12.5		25.2	-14.5	-7.1	50	84	2.96			-14.5	-7.1		394669.6	6908420.52	1167
1124844	22/08/2016	172146	1	N	25		25.2	-14.7	-5.9	62	80	3.06			-14.7	-5.9		394678.67	6908430.31	1169
1124844	22/08/2016	172302	1	N	37.5		25.2	-14.1	-2.9	32	92	2.96			-14.1	-2.9		394684.62	6908440.78	1174
1124844	22/08/2016	172358	1	N	50		25.2	-14.1	-4.4	25	95	2.98			-14.1	-4.4		394689.74	6908449.51	1177
1124844	22/08/2016	172550	1	N	62.5		25.2	-15.5	-8.1	28	93	2.95			-15.5	-8.1		394695.73	6908460.19	1183
1124844	22/08/2016	172702	1	N	75		25.2	-17.1	-8.9	67	78	3.12			-17.1	-8.9		394704.29	6908471.07	1186
1124844	22/08/2016	172750	1	N	87.5		25.2	-18.6	-9.2	38	92	3.03			-18.6	-9.2		394710.47	6908480.06	1191
1124844	22/08/2016	172846	1	N	100		25.2	-19.3	-10.3	32	94	3.01			-19.3	-10.3		394716.88	6908488.01	1197
1124844	22/08/2016	172950	1	N	112.5		25.2	-24.9	-10.2	12	96	2.95			-24.9	-10.2		394723.92	6908497.91	1200
1124844	22/08/2016	173058	1	N	125		25.2	-23.4	-12.6	47	93	3.16			-23.4	-12.6		394728.93	6908506.54	1206
1124844	22/08/2016	173206	1	N	137.5		25.2	-23.1	-10.9	40	92	3.05			-23.1	-10.9		394735.03	6908518.03	1211
1124844	22/08/2016	173314	1	N	150		25.2	-26.4	-11.8	28	92	2.94			-26.4	-11.8		394742.77	6908527.37	1211
1124844	22/08/2016	173406	1	N	162.5		25.2	-27.8	-12.8	15	96	2.96			-27.8	-12.8		394745.63	6908537.73	1216
1124844	22/08/2016	173502	1	N	175		25.2	-26	-9.1	48	95	3.25			-26	-9.1		394752.67	6908546.57	1221
1124844	22/08/2016	173622	1	N	187.5		25.2	-21.5	-9.5	43	94	3.14			-21.5	-9.5		394760.96	6908556.94	1222
1124844	22/08/2016	173718	1	N	200		25.2	-24.5	-9.4	21	97	3.01			-24.5	-9.4		394766.44	6908567.6	1226
1124844	22/08/2016	173826	1	N	212.5		25.2	-23.7	-8.4	47	94	3.18			-23.7	-8.4		394773.21	6908576.4	1229
1124844	22/08/2016	173922	1	N	225		25.2	-21.4	-7.9	70	85	3.35			-21.4	-7.9		394781.77	6908585.35	1231
1124844	22/08/2016	174126	1	N	237.5		25.2	-22.7	-8	54	95	3.34			-22.7	-8		394789.32	6908595.04	1232
1124844	22/08/2016	174210	1	N	250		25.2	-24.2	-2.9	53	96	3.32			-24.2	-2.9		394795.92	6908605.28	1233
1124844	22/08/2016	174258	1	N	262.5		25.2	-19.8	-3.7	33	96	3.1			-19.8	-3.7		394804.43	6908614.75	1234
1124844	22/08/2016	174346	1	N	275		25.2	-10.8	1.7	39	96	3.16			-10.8	1.7		394811.08	6908624.09	1234
1124844	22/08/2016	174430	1	N	287.5		25.2	-14.1	1.9	28	96	3.05			-14.1	1.9		394816.53	6908637.35	1236
1124844	22/08/2016	174506	1	N	300		25.2	-12.7	2.4	36	97	3.14			-12.7	2.4		394822.84	6908647.72	1236
1124844	22/08/2016	174542	1	N	312.5		25.2	-15.8	3.5	49	96	3.27			-15.8	3.5		394830.03	6908657.26	1235
1124844	22/08/2016	174650	1	N	325		25.2	-14	1.4	60	95	3.42			-14	1.4		394838.82	6908666.77	1235
1124844	22/08/2016	174738	1	N	337.5		25.2	-12.8	1.2	94	84	3.82			-12.8	1.2		394847.41	6908676.37	1235
1124844	22/08/2016	174930	1	N	350		25.2	-11	1	87	84	3.68			-11	1		394855.43	6908682.04	1232
1124844	22/08/2016	175106	1	N	362.5		25.2	-9.3	5.8	26	98	3.08			-9.3	5.8		394861.43	6908693.2	1233
1124844	22/08/2016	175150	1	N	375		25.2	-9.7	6.9	54	96	3.35			-9.7	6.9		394868.12	6908704.97	1233
1124844	22/08/2016	175246	1	N	387.5		25.2	-3.8	7.1	34	96	3.1			-3.8	7.1		394874.72	6908715.34	1233
1124844	22/08/2016	175326	1	N	400		25.2	-6.3	10.6	33	98	3.15			-6.3	10.6		394881.54	6908726.49	1232
1124844	22/08/2016	175406	1	N	412.5		25.2	-8	8	50	95	3.27			-8	8		394888.11	6908736.97	1229
1124844	22/08/2016	175550	1	N	425		25.2	-8.5	9.3	51	96	3.3			-8.5	9.3		394894.91	6908746.46	1228
1124844	22/08/2016	175630	1	N	437.5		25.2	-5.8	11.8	51	96	3.32			-5.8	11.8		394901.74	6908755.28	1224
1124844	22/08/2016	175710	1	N	450		25.2	-5.7	12.7	46	97	3.25			-5.7	12.7		394908.59	6908765.94	1221
1124844	22/08/2016	175750	1	N	462.5		25.2	-9	10	79	92	3.69			-9	10		394916.18	6908775.67	1219
1124844	22/08/2016	175842	1	N	475		25.2	-7.1	11.5	55	97	3.39			-7.1	11.5		394924.85	6908785.15	1218
1124844	22/08/2016	175918	1	N	487.5		25.2	-4.6	12.3	65	97	3.56			-4.6	12.3		394932.01	6908795.99	1217
1124844	22/08/2016	175954	1	N	500		25.2	-6.9	12.1	60	98	3.5			-6.9	12.1		394938.03	6908805.24	1216
1124844	22/08/2016	180046	1	N	512.5		25.2	-7.8	8.4	57	96	3.4			-7.8	8.4		394946.35	6908814.75	1215
1124844	22/08/2016	180126	1	N	525		25.2	-6	9.5	56	98	3.43			-6	9.5		394953.76	6908825.4	1215
1124844	22/08/2016	180206	1	N	537.5		25.2	-1.2	4.6	72	98	3.68			-1.2	4.6		394961.97	6908836.8	1214
1124844	22/08/2016	180242	1	N	550		25.2	6.9	3.6	86	98	3.97			6.9	3.6		394968.15	6908845.31	1215
1124844	22/08/2016	180322	1	N	562.5		25.2	22.2	2.4	37	98	3.18			22.2	2.4		394974.52	6908857.09	1214
1124844	22/08/2016	180438	1	N	575		25.2	22.2	-0.9	75	98	3.76			22.2	-0.9		394982.27	6908867.1	1215
1124844	22/08/2016	180522	1	N	587.5		25.2	32	-0.4	53	98	3.39			32	-0.4		394987.88	6908877.97	1215
1124844	22/08/2016	180558	1	N	600		25.2	40.6	1.2	49	98	3.31			40.6	1.2		394994.55	6908888.29	1216
1124844	22/08/2016	180646	1	N	612.5		25.2	34.5	-1.3	40	98	3.21			34.5	-1.3		395000.77	6908899.85	1216
1124844	22/08/2016	180722	1	N	625		25.2	33.3	-3.2	0	98	2.98			33.3	-3.2		395007.55	6908909.69	1216
1124844	22/08/2016	180758	1	N	637.5		25.2	29.1	-8	53	93	3.26			29.1	-8		395016.03	6908919.44	1216
1124844	22/08/2016	180858	1	N	650		25.2	29.1	-5.4	47	92	3.15			29.1	-5.4		395025.39	6908927.62	1217
1124844	22/08/2016	180954	1	N	662.5		25.2	26.1	-4.9	53	97	3.35			26.1	-4.9		395032.29	6908936.53	1217
1124844	22/08/2016	181038	1	N	675		25.2	21.1	-8.2	62	83	3.14			21.1	-8.2		395040.84	6908946.57	1216
1124844	22/08/2016	181126	1	N	687.5		25.2	18.7	-11.2	49	95	3.24			18.7	-11.2		395047.38	6908957.41	1215
1124844	22/08/2016	181242	1	N	700		25.2	13.4	-11.7	53	95	3.3			13.4	-11.7		395054.07	6908967.42	1213
1124844	22/08/2016	181318	1	N	712.5		25.2	9.5	-11.3	46	97	3.27			9.5	-11.3		395060.91	6908977.89	1211
1124844	22/08/2016																			

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	22/08/2016	181606	1	N	762.5		25.2	25	-7.5	38	97	3.16			25	-7.5		395084.99	6909021.12	1210
1124844	22/08/2016	181650	1	N	775		25.2	27.4	-8.9	41	96	3.17			27.4	-8.9		395092.59	6909033.44	1211
1124844	22/08/2016	181730	1	N	787.5		25.2	25.5	-8.7	48	98	3.31			25.5	-8.7		395101.05	6909043.36	1211
1124844	22/08/2016	181810	1	N	800		25.2	26.1	-9.3	26	97	3.05			26.1	-9.3		395108.3	6909051.46	1211
1124844	22/08/2016	181858	1	N	812.5		25.2	28.7	-10.3	36	98	3.17			28.7	-10.3		395115.88	6909062.54	1211
1124844	22/08/2016	181946	1	N	825		25.2	37.3	-4.6	14	97	2.98			37.3	-4.6		395122.57	6909072.73	1211
1124844	22/08/2016	182034	1	N	837.5		25.2	31.5	-4.2	35	96	3.1			31.5	-4.2		395128.37	6909083.56	1209
1124844	22/08/2016	182114	1	N	850		25.2	28.6	-9.3	35	97	3.14			28.6	-9.3		395136.15	6909094.41	1208
1124844	22/08/2016	182158	1	N	862.5		25.2	25.3	-6.3	48	97	3.3			25.3	-6.3		395144.45	6909103.38	1206
1124844	22/08/2016	182242	1	N	875		25.2	34.9	-3.2	31	96	3.07			34.9	-3.2		395153.41	6909113.13	1204
1124844	22/08/2016	182342	1	N	887.5		25.2	37.1	-1.8	21	96	3			37.1	-1.8		395160.25	6909121.16	1203
1124844	22/08/2016	182422	1	N	900		25.2	34.2	-1	27	96	3.03			34.2	-1		395167.13	6909130.85	1201
1124844	22/08/2016	182502	1	N	912.5		25.2	31.2	-4.6	43	95	3.17			31.2	-4.6		395175.6	6909140.97	1198
1124844	22/08/2016	182558	1	N	925		25.2	32.2	-3.5	27	97	3.05			32.2	-3.5		395183.05	6909150.9	1196
1124844	22/08/2016	182638	1	N	937.5		25.2	30.9	-6.3	19	95	2.96			30.9	-6.3		395190.02	6909160.75	1192
1124844	22/08/2016	182722	1	N	950		25.2	27.2	-5.4	25	98	3.06			27.2	-5.4		395193.79	6909172.06	1189
1124844	22/08/2016	183010	1	N	962.5		25.2	41.8	-4.4	22	95	2.97			41.8	-4.4		395198.02	6909182.79	1186
1124844	22/08/2016	183046	1	N	975		25.2	42.1	-2.7	39	95	3.14			42.1	-2.7		395204.1	6909192.48	1183
1124844	22/08/2016	183138	1	N	987.5		25.2	47.7	-2.4	54	88	3.15			47.7	-2.4		395212.46	6909201.68	1179
1124844	22/08/2016	183402	1	N	1000		25.2	56.4	3	43	89	3.01			56.4	3		395219.72	6909211.6	1177
1124844	22/08/2016	183446	1	N	1012.5		25.2	55.5	1.4	53	81	2.93			55.5	1.4		395229.59	6909219.85	1175
1124844	22/08/2016	183542	1	N	1025		25.2	53.3	0.4	35	89	2.92			53.3	0.4		395233.82	6909229.32	1171
1124844	22/08/2016	183622	1	N	1037.5		25.2	50	-1.4	29	88	2.83			50	-1.4		395240.69	6909239.88	1167
1124844	22/08/2016	183710	1	N	1050		25.2	48.9	-0.3	20	89	2.77			48.9	-0.3		395248.9	6909248.72	1162
1124844	22/08/2016	183750	1	N	1062.5		25.2	47.6	-2.3	37	86	2.85			47.6	-2.3		395254.03	6909259.61	1159
1124844	22/08/2016	183834	1	N	1075		25.2	48.8	-2.1	22	85	2.68			48.8	-2.1		395261.17	6909269.18	1154
1124844	22/08/2016	183918	1	N	1087.5		25.2	45.4	-4.1	28	85	2.73			45.4	-4.1		395269.12	6909277.98	1151
1124844	22/08/2016	183958	1	N	1100		25.2	48	-5.9	37	83	2.76			48	-5.9		395275.03	6909288.85	1147
1124844	22/08/2016	184042	1	N	1112.5		25.2	48	-4	37	84	2.79			48	-4		395280.29	6909300.18	1142
1124844	22/08/2016	184130	1	N	1125		25.2	55	1.3	24	86	2.73			55	1.3		395287.21	6909308.32	1140
1124844	22/08/2016	184206	1	N	1137.5		25.2	61.2	4.4	24	79	2.52			61.2	4.4		395294.09	6909316.87	1135
1124844	22/08/2016	184250	1	N	1150		25.2	64.5	2.6	23	78	2.46			64.5	2.6		395300.6	6909327.78	1131
1124844	22/08/2016	184330	1	N	1162.5		25.2	51.1	1.9	20	85	2.66			51.1	1.9		395306.72	6909337.24	1126
1124844	22/08/2016	184414	1	N	1175		25.2	52.6	-1.3	36	79	2.66			52.6	-1.3		395313.9	6909346.5	1122
1124844	22/08/2016	184458	1	N	1187.5		25.2	47.9	-3.7	20	80	2.52			47.9	-3.7		395320.44	6909356.26	1118
1124844	22/08/2016	184550	1	N	1200		25.2	45	-6	36	72	2.45			45	-6		395328.02	6909365.65	1113
1124844	22/08/2016	184738	1	N	1212.5		25.2	45	-2.9	13	83	2.56			45	-2.9		395332.53	6909375.14	1108
1124844	22/08/2016	184822	1	N	1225		25.2	47	-1.8	47	69	2.56			47	-1.8		395339.69	6909386.4	1104
1124844	22/08/2016	184910	1	N	1237.5		25.2	47.8	-3.1	20	77	2.41			47.8	-3.1		395347.92	6909392.95	1100
1124844	22/08/2016	184950	1	N	1250		25.2	42.7	-1.9	28	80	2.59			42.7	-1.9		395356.82	6909399.69	1098
1124844	22/08/2016	185042	1	N	1262.5		25.2	50.1	0.1	9	85	2.6			50.1	0.1		395363.1	6909410.74	1095
1124844	22/08/2016	185122	1	N	1275		25.2	52.9	4	27	81	2.6			52.9	4		395369.3	6909420.47	1094
1124844	22/08/2016	185206	1	N	1287.5		25.2	57.1	6.8	43	72	2.56			57.1	6.8		395372.68	6909431.61	1090
1124844	22/08/2016	185306	1	N	1300		25.2	59.6	8.6	35	67	2.29			59.6	8.6		395377.92	6909442.15	1087
1124844	22/08/2016	185354	1	N	1312.5		25.2	58.4	10.3	40	66	2.35			58.4	10.3		395386.33	6909449	1086
1124844	22/08/2016	185434	1	N	1325		25.2	52	10.4	36	60	2.12			52	10.4		395395.38	6909459.34	1083
1124844	22/08/2016	185510	1	N	1337.5		25.2	52.2	11.1	13	65	2			52.2	11.1		395402.11	6909468.14	1079
1124844	22/08/2016	185558	1	N	1350		25.2	48.1	10.8	-3	72	2.18			48.1	10.8		395408.55	6909479.07	1076
1124844	22/08/2016	185702	1	N	1362.5		25.2	43.8	10.9	20	68	2.16			43.8	10.9		395415.54	6909490.05	1074
1124844	22/08/2016	185742	1	N	1375		25.2	39.6	11.8	6	71	2.16			39.6	11.8		395420.19	6909498.71	1070
1124844	22/08/2016	185826	1	N	1387.5		25.2	36.9	13.6	18	73	2.27			36.9	13.6		395427.38	6909508.17	1064
1124844	22/08/2016	185914	1	N	1400		25.2	36.5	15	15	68	2.12			36.5	15		395435.12	6909516.79	1058
1124844	22/08/2016	190006	1	N	1412.5		25.2	33.8	14.6	-1	66	2.02			33.8	14.6		395439.03	6909526.58	1054
1124844	22/08/2016	190050	1	N	1425		25.2	26.9	13.7	7	72	2.2			26.9	13.7		395446.15	6909536.06	1048
1124844	22/08/2016	190134	1	N	1437.5		25.2	24	10.8	22	68	2.17			24	10.8		395452.33	6909544.16	1044
8042728	22/08/2016	171730	3	N	0		25.2	-25.4	7.4	66	98	3.59	2				Double reading	394826.42	6908299.75	1155.00
8042728	22/08/2016	172010	3	N	0		25.2	-24.7	7.6	70	100	3.72			-24.7	7.6		394826.28	6908300.60	1155.00
8042728	22/08/2016	172230	3	N	12.5		25.2	-21.9	9.5	61	97	3.5			-21.9	9.5		394834.94	6908313.06	1153.00
8042728	22/08/2016	172326	3	N	25		25.2	-24.9	9.5	52	95	3.29			-24.9	9.5		394842.42	6908321.35	1155.00
8042728	22/08/2016	172406	3	N	37.5		25.2	-26	9.5	70	85	3.34			-26	9.5		394849.85	6908330.49	1159.00
8042728	22/08/2016	172450	3	N	50		25.2	-28.8	8.5	66	90	3.4			-28.8	8.5		394857.10	6908339.90	1162.00
8042728	22/08/2016	172558	3	N	62.5		25.2	-29	7.8	37	97	3.17			-29	7.8		394864.39	6908348.12	1166.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042728	22/08/2016	172646	3	N	75		25.2	-29.6	8.7	70	82	3.3			-29.6	8.7		394872.39	6908360.20	1165.00
8042728	22/08/2016	172746	3	N	87.5		25.2	-33.3	8.1	56	90	3.23			-33.3	8.1		394879.44	6908368.62	1165.00
8042728	22/08/2016	172850	3	N	100		25.2	-35.5	7	44	94	3.16			-35.5	7		394885.24	6908379.09	1172.00
8042728	22/08/2016	172950	3	N	112.5		25.2	-38.7	5.8	75	87	3.47			-38.7	5.8		394894.22	6908389.68	1174.00
8042728	22/08/2016	173030	3	N	125		25.2	-38.8	5.2	59	96	3.41			-38.8	5.2		394899.45	6908397.01	1168.00
8042728	22/08/2016	173302	3	N	137.5		25.2	-32.9	8.7	22	110	3.4			-32.9	8.7		394908.27	6908408.80	1173.00
8042728	22/08/2016	173406	3	N	150		25.2	-29.4	10	31	117	3.67			-29.4	10		394913.57	6908419.97	1175.00
8042728	22/08/2016	173458	3	N	162.5		25.2	-28.9	10.8	33	108	3.42			-28.9	10.8		394916.29	6908429.49	1178.00
8042728	22/08/2016	173634	3	N	175	Large Gap between 175 and station 162.5	25.2	-29.4	8.9	65	100	3.62			-29.4	8.9		394920.76	6908445.45	1181.00
8042728	22/08/2016	173746	3	N	187.5		25.2	-30.3	9.7	62	100	3.56			-30.3	9.7		394925.55	6908453.54	1182.00
8042728	22/08/2016	173846	3	N	200		25.2	-33.6	9	34	106	3.37			-33.6	9		394932.83	6908464.03	1185.00
8042728	22/08/2016	174018	3	N	212.5		25.2	-31.7	8.6	62	97	3.5			-31.7	8.6		394936.70	6908474.27	1184.00
8042728	22/08/2016	174126	3	N	225		25.2	-31.7	7.7	84	80	3.54			-31.7	7.7		394946.22	6908485.35	1188.00
8042728	22/08/2016	174306	3	N	237.5		25.2	-33.5	6.8	62	99	3.56			-33.5	6.8		394954.00	6908491.34	1185.00
8042728	22/08/2016	174422	3	N	250		25.2	-32.6	7.3	88	96	3.96			-32.6	7.3		394961.03	6908500.45	1189.00
8042728	22/08/2016	174514	3	N	262.5		25.2	-29.4	9.2	51	114	3.8			-29.4	9.2		394968.52	6908509.86	1189.00
8042728	22/08/2016	174606	3	N	275		25.2	-18.3	13.7	54	111	3.75			-18.3	13.7		394974.78	6908520.19	1190.00
8042728	22/08/2016	174714	3	N	287.5		25.2	-20.3	11.9	70	91	3.5			-20.3	11.9		394983.28	6908530.91	1193.00
8042728	22/08/2016	174902	3	N	300		25.2	-25	8.3	71	96	3.62			-25	8.3		394990.66	6908540.14	1193.00
8042728	22/08/2016	175030	3	N	312.5		25.2	-27.7	7.4	82	88	3.65			-27.7	7.4		394998.68	6908549.06	1193.00
8042728	22/08/2016	175142	3	N	325		25.2	-27.8	7.4	73	95	3.66			-27.8	7.4		395007.42	6908559.09	1193.00
8042728	22/08/2016	175326	3	N	337.5		25.2	-19.9	11.9	64	104	3.7			-19.9	11.9		395018.69	6908570.18	1195.00
8042728	22/08/2016	175434	3	N	350		25.2	-19.6	11.3	66	104	3.75			-19.6	11.3		395026.61	6908580.21	1198.00
8042728	22/08/2016	175558	3	N	362.5		25.2	-21	10.1	59	106	3.7			-21	10.1		395033.10	6908591.33	1198.00
8042728	22/08/2016	175702	3	N	375		25.2	-24.8	8.6	74	99	3.76			-24.8	8.6		395042.05	6908602.25	1199.00
8042728	22/08/2016	175810	3	N	387.5		25.2	-23	9.6	101	82	3.95			-23	9.6		395047.89	6908609.79	1200.00
8042728	22/08/2016	175858	3	N	400		25.2	-23.5	8.1	93	83	3.78			-23.5	8.1		395056.77	6908619.31	1202.00
8042728	22/08/2016	180018	3	N	412.5		25.2	-24.9	8.1	75	102	3.85			-24.9	8.1		395065.03	6908630.47	1204.00
8042728	22/08/2016	180058	3	N	425		25.2	-24.6	9.7	58	111	3.82			-24.6	9.7		395070.50	6908638.14	1205.00
8042728	22/08/2016	180206	3	N	437.5		25.2	-25.5	9.3	74	96	3.68			-25.5	9.3		395079.39	6908649.28	1207.00
8042728	22/08/2016	180258	3	N	450		25.2	-25.4	8.8	50	115	3.82			-25.4	8.8		395085.77	6908658.47	1205.00
8042728	22/08/2016	180418	3	N	462.5		25.2	-22.7	12.6	70	100	3.71			-22.7	12.6		395092.66	6908671.47	1208.00
8042728	22/08/2016	180502	3	N	475		25.2	-24.7	11.4	59	112	3.84			-24.7	11.4		395096.15	6908682.12	1209.00
8042728	22/08/2016	180550	3	N	487.5		25.2	-24.6	11.1	64	108	3.81			-24.6	11.1		395100.51	6908693.29	1211.00
8042728	22/08/2016	180658	3	N	500		25.2	-27.3	11.2	74	104	3.9			-27.3	11.2		395105.08	6908701.61	1211.00
8042728	22/08/2016	180742	3	N	512.5		25.2	-31.6	9	81	94	3.78			-31.6	9		395112.06	6908712.76	1214.00
8042728	22/08/2016	180834	3	N	525		25.2	-36.2	5.8	65	111	3.91			-36.2	5.8		395120.11	6908721.80	1216.00
8042728	22/08/2016	181350	3	N	537.5		25.2	-36.2	4.9	84	111	4.23			-36.2	4.9		395128.73	6908733.87	1218.00
8042728	22/08/2016	181458	3	N	550		25.2	-38.1	3.4	82	124	4.51			-38.1	3.4		395137.19	6908745.20	1222.00
8042728	22/08/2016	181614	3	N	562.5		25.2	-31.2	5	46	58	4.51			-31.2	5		395143.26	6908752.18	1223.00
8042728	22/08/2016	181654	3	N	575		25.2	-19.8	4.3	54	63	5.08			-19.8	4.3		395151.79	6908761.25	1224.00
8042728	22/08/2016	181806	3	N	587.5		25.2	-4.1	6.7	49	66	5.04			-4.1	6.7		395159.76	6908770.65	1227.00
8042728	22/08/2016	181858	3	N	600		25.2	3.5	6	39	64	4.58			3.5	6		395166.09	6908780.84	1226.00
8042728	22/08/2016	181954	3	N	612.5		25.2	0.2	2.4	31	61	4.18			0.2	2.4		395168.84	6908791.73	1229.00
8042728	22/08/2016	182110	3	N	625		25.2	-3.2	-1.5	52	51	4.43			-3.2	-1.5		395175.25	6908802.35	1233.00
8042728	22/08/2016	182202	3	N	637.5		25.2	-7.6	-4.9	50	56	4.54			-7.6	-4.9		395182.41	6908810.75	1236.00
8042728	22/08/2016	182250	3	N	650		25.2	-4	-3.6	51	61	4.86			-4	-3.6		395189.76	6908822.45	1239.00
8042728	22/08/2016	182338	3	N	662.5		25.2	0.7	-0.8	44	60	4.57			0.7	-0.8		395196.63	6908830.65	1240.00
8042728	22/08/2016	182458	3	N	675		25.2	6.9	0.4	38	62	4.46			6.9	0.4		395205.18	6908841.62	1241.00
8042728	22/08/2016	182602	3	N	687.5		25.2	12.3	4	50	51	4.38			12.3	4		395213.31	6908851.81	1241.00
8042728	22/08/2016	182806	3	N	700		25.2	12	1.1	38	58	4.22			12	1.1		395220.48	6908862.06	1242.00
8042728	22/08/2016	182902	3	N	712.5		25.2	10.6	-0.3	23	58	3.84			10.6	-0.3		395227.49	6908872.72	1243.00
8042728	22/08/2016	182942	3	N	725		25.2	8.5	-0.7	35	56	4.04			8.5	-0.7		395233.91	6908882.31	1244.00
8042728	22/08/2016	183030	3	N	737.5		25.2	6.7	0.9	35	56	4.03			6.7	0.9		395241.04	6908892.58	1244.00
8042728	22/08/2016	183106	3	N	750		25.2	5.5	0.6	42	50	3.99			5.5	0.6		395248.21	6908902.60	1244.00
8042728	22/08/2016	183346	3	N	762.5		25.2	8	2.9	36	54	3.99			8	2.9		395255.42	6908911.33	1243.00
8042728	22/08/2016	183446	3	N	775		25.2	3.8	2	30	56	3.89			3.8	2		395266.16	6908925.27	1241.00
8042728	22/08/2016	183522	3	N	787.5		25.2	3.4	4.2	40	52	4.01			3.4	4.2		395275.77	6908937.46	1239.00
8042728	22/08/2016	183554	3	N	800		25.2	2.5	3.7	38	55	4.09			2.5	3.7		395280.53	6908943.77	1236.00
8042728	22/08/2016	183622	3	N	812.5		25.2	2.1	3.8	38	54	4.02			2.1	3.8		395286.93	6908951.68	1232.00
8042728	22/08/2016	183658	3	N	825		25.2	2.6	4.9	47	49	4.17			2.6	4.9		395294.47	6908960.96	1229.00
8042728	22/08/2016	183734	3	N	837.5		25.2	4.6	6.5	82	109	4.14			4.6	6.5		395301.01	6908969.13	1227.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042728	22/08/2016	183906	3	N	850		25.2	6	8.9	85	118	4.41			6	8.9		395309.17	6908977.85	1224.00
8042728	22/08/2016	184034	3	N	862.5		25.2	14.1	9.4	77	120	4.33			14.1	9.4		395319.38	6908992.53	1221.00
8042728	22/08/2016	184146	3	N	875		25.2	14.4	8.8	79	120	4.34			14.4	8.8		395325.01	6909000.02	1220.00
8042728	22/08/2016	184310	3	N	887.5		25.2	17	7.4	74	116	4.18			17	7.4		395328.51	6909008.90	1218.00
8042728	22/08/2016	184354	3	N	900		25.2	21.6	10.7	66	122	4.21			21.6	10.7		395338.63	6909020.91	1216.00
8042728	22/08/2016	184442	3	N	912.5		25.2	29.5	10.6	31	58	4.04			29.5	10.6		395344.08	6909031.45	1214.00
8042728	22/08/2016	184522	3	N	925		25.2	34.9	11.1	34	57	4.05			34.9	11.1		395349.99	6909043.11	1212.00
8042728	22/08/2016	184554	3	N	937.5		25.2	35.5	12.1	34	51	3.76			35.5	12.1		395356.44	6909051.36	1208.00
8042728	22/08/2016	184638	3	N	950		25.2	34.1	10.9	37	52	3.89			34.1	10.9		395363.01	6909062.30	1206.00
8042728	22/08/2016	184714	3	N	962.5		25.2	35.5	9.2	32	49	3.56			35.5	9.2		395369.90	6909070.64	1203.00
8042728	22/08/2016	184754	3	N	975		25.2	32	9.9	73	95	3.63			32	9.9		395379.12	6909080.70	1200.00
8042728	22/08/2016	184850	3	N	987.5		25.2	32	7.5	60	102	3.59			32	7.5		395387.09	6909090.64	1196.00
8042728	22/08/2016	184926	3	N	1000		25.2	29	5	61	105	3.69			29	5		395394.42	6909101.80	1194.00
8042728	22/08/2016	185006	3	N	1012.5		25.2	26.1	3.9	59	105	3.65			26.1	3.9		395399.68	6909111.81	1192.00
8042728	22/08/2016	185050	3	N	1025		25.2	25.9	2.2	69	100	3.68			25.9	2.2		395405.26	6909120.34	1189.00
8042728	22/08/2016	185126	3	N	1037.5		25.2	27.9	0.7	55	106	3.64			27.9	0.7		395410.44	6909132.17	1186.00
8042728	22/08/2016	185210	3	N	1050		25.2	29.5	1.1	60	110	3.81			29.5	1.1		395416.50	6909143.29	1183.00
8042728	22/08/2016	185254	3	N	1062.5		25.2	37.4	7	63	103	3.67			37.4	7		395426.62	6909156.62	1178.00
8042728	22/08/2016	185338	3	N	1075		25.2	36.6	6.7	68	87	3.37			36.6	6.7		395432.79	6909164.88	1176.00
8042728	22/08/2016	185410	3	N	1087.5		25.2	34	5.1	59	93	3.35			34	5.1		395438.74	6909171.39	1174.00
8042728	22/08/2016	185454	3	N	1100		25.2	30	4.2	69	85	3.34			30	4.2		395447.11	6909180.76	1171.00
8042728	22/08/2016	185538	3	N	1112.5		25.2	26.3	1.6	57	92	3.3			26.3	1.6		395454.40	6909190.40	1170.00
8042728	22/08/2016	185626	3	N	1125		25.2	23.2	0	70	89	3.45			23.2	0		395460.53	6909201.17	1165.00
8042728	22/08/2016	185710	3	N	1137.5		25.2	22.3	0.4	64	99	3.59			22.3	0.4		395468.24	6909212.12	1162.00
8042728	22/08/2016	185754	3	N	1150		25.2	25.2	3.1	58	91	3.29			25.2	3.1		395476.48	6909222.94	1160.00
8042728	22/08/2016	185846	3	N	1162.5		25.2	26.5	5.9	65	92	3.43			26.5	5.9		395479.22	6909230.47	1157.00
8042728	22/08/2016	185926	3	N	1175		25.2	25.4	6.9	69	87	3.38			25.4	6.9		395484.68	6909242.83	1154.00
8042728	22/08/2016	190014	3	N	1187.5		25.2	21.2	3.6	41	94	3.13			21.2	3.6		395495.73	6909255.34	1151.00
8042728	22/08/2016	190102	3	N	1200		25.2	21.4	5.2	67	86	3.31			21.4	5.2		395502.35	6909264.48	1149.00
8042728	22/08/2016	190134	3	N	1212.5		25.2	21.6	5.4	49	93	3.19			21.6	5.4		395508.25	6909270.14	1148.00
8042728	22/08/2016	190214	3	N	1225		25.2	19.8	4.8	53	87	3.1			19.8	4.8		395513.29	6909281.05	1146.00
8042728	22/08/2016	190258	3	N	1237.5		25.2	17.5	4.4	60	91	3.32			17.5	4.4		395518.51	6909292.00	1144.00
8042728	22/08/2016	190338	3	N	1250		25.2	14.6	3.2	56	94	3.34			14.6	3.2		395524.37	6909301.60	1141.00
8042728	22/08/2016	190422	3	N	1262.5		25.2	14.1	1.2	47	96	3.26			14.1	1.2		395528.29	6909305.94	1139.00
8042728	22/08/2016	190538	3	N	1275		25.2	11.4	-0.4	68	94	3.54			11.4	-0.4		395534.73	6909318.07	1137.00
8042728	22/08/2016	190622	3	N	1287.5		25.2	24.6	3.5	50	108	3.61			24.6	3.5		395544.52	6909330.24	1133.00
8042728	22/08/2016	190706	3	N	1300		25.2	32.3	7.3	29	109	3.43			32.3	7.3		395553.09	6909344.63	1128.00
8042728	22/08/2016	190754	3	N	1312.5		25.2	37.4	9.3	62	92	3.37			37.4	9.3		395558.69	6909354.60	1126.00
8042728	22/08/2016	190838	3	N	1325		25.2	38.4	9.4	60	84	3.13			38.4	9.4		395564.08	6909361.68	1122.00
8042728	22/08/2016	191002	3	N	1337.5		25.2	40.3	9.6	45	87	2.99			40.3	9.6		395572.63	6909374.03	1119.00
8042728	22/08/2016	191042	3	N	1350		25.2	42	10.4	47	80	2.82			42	10.4		395582.16	6909383.97	1119.00
8042728	22/08/2016	191122	3	N	1362.5		25.2	37.3	9.6	42	86	2.9			37.3	9.6		395590.20	6909391.54	1117.00
8042728	22/08/2016	191202	3	N	1375		25.2	32.8	6.5	38	84	2.8			32.8	6.5		395597.09	6909401.38	1118.00
8042728	22/08/2016	191242	3	N	1387.5		25.2	30.3	8.7	38	82	2.76			30.3	8.7		395604.75	6909414.57	1117.00
8042728	22/08/2016	191322	3	N	1400		25.2	29.4	9.6	37	82	2.75			29.4	9.6		395610.87	6909422.97	1113.00
8042728	22/08/2016	191414	3	N	1412.5		25.2	26	10.4	40	84	2.84			26	10.4		395615.84	6909433.12	1108.00
8042728	22/08/2016	191442	3	N	1412.5		25.2	26.3	9.4	38	78	2.63	2				Double reading	395615.97	6909432.93	1108.00
1124844	22/08/2016	223654	5	N	0	Should be station 0, Points out of order	25.2	-56.8	9.1	71	83	3.32			-56.8	9.1		394984.84	6908183.61	1113
1124844	22/08/2016	223602	5	N	12.5		25.2	-51	3.9	81	86	3.59			-51	3.9		394994.54	6908195.36	1118
1124844	22/08/2016	223522	5	N	25		25.2	-53.5	2.9	76	88	3.54			-53.5	2.9		395001.38	6908204.65	1122
1124844	22/08/2016	223434	5	N	37.5		25.2	-61	2.9	53	91	3.2			-61	2.9		395007.6	6908215.82	1127
1124844	22/08/2016	223338	5	N	50		25.2	-62.3	0.3	7	98	2.99			-62.3	0.3		395013.58	6908223.15	1127
1124844	22/08/2016	223250	5	N	62.5		25.2	-55.8	2.3	17	99	3.05			-55.8	2.3		395020.49	6908235.94	1129
1124844	22/08/2016	223206	5	N	75		25.2	-42.3	2.9	14	99	3.03			-42.3	2.9		395028.84	6908244.22	1131
1124844	22/08/2016	223126	5	N	87.5		25.2	-40.3	5.3	8	99	3.01			-40.3	5.3		395035.9	6908255.49	1133
1124844	22/08/2016	223018	5	N	100		25.2	-28.9	8.6	87	88	3.75			-28.9	8.6		395041.71	6908267.05	1133
1124844	22/08/2016	222934	5	N	112.5		25.2	-27.7	7.4	69	96	3.59			-27.7	7.4		395049.67	6908274.18	1133
1124844	22/08/2016	222854	5	N	125		25.2	-25.6	3.2	69	96	3.59			-25.6	3.2		395060.14	6908279.58	1133
1124844	22/08/2016	222814	5	N	137.5		25.2	-30.6	1.9	56	94	3.33			-30.6	1.9		395067.45	6908289.61	1135
1124844	22/08/2016	222726	5	N	150		25.2	-27	-0.5	57	98	3.43			-27	-0.5		395074.1	6908300.12	1137
1124844	22/08/2016	222646	5	N	162.5		25.2	-28.9	1.8	67	95	3.53			-28.9	1.8		395078.04	6908310.59	1140
1124844	22/08/2016	222350	5	N	175		25.2	-28.5	1.2	75	97	3.72			-28.5	1.2		395084.27	6908322.22	1142

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	22/08/2016	222302	5	N	187.5		25.2	-27.2	1.1	72	97	3.67			-27.2	1.1		395093.03	6908325.68	1144
1124844	22/08/2016	222142	5	N	200		25.2	-36.5	-2.3	30	99	3.13			-36.5	-2.3		395099.45	6908337.5	1145
1124844	22/08/2016	222054	5	N	212.5		25.2	-35.3	-4.4	-7	99	3.01			-35.3	-4.4		395107.01	6908346.82	1149
1124844	22/08/2016	222006	5	N	225		25.2	-29.9	-2.4	19	99	3.05			-29.9	-2.4		395112.42	6908358.83	1148
1124844	22/08/2016	221918	5	N	237.5		25.2	-22.4	-0.3	25	99	3.1			-22.4	-0.3		395119.45	6908369.41	1149
1124844	22/08/2016	221750	5	N	250		25.2	-17.5	-1.6	40	99	3.24			-17.5	-1.6		395125.59	6908378.66	1150
1124844	22/08/2016	221658	5	N	262.5		25.2	-14.8	-1.8	58	99	3.48			-14.8	-1.8		395132.87	6908389.33	1161
1124844	22/08/2016	221618	5	N	275		25.2	-17.5	-0.2	55	98	3.41			-17.5	-0.2		395137.67	6908398.99	1160
1124844	22/08/2016	221542	5	N	287.5		25.2	-13.4	-1.2	54	98	3.41			-13.4	-1.2		395144.19	6908409.26	1161
1124844	22/08/2016	221454	5	N	300		25.2	-15.6	-1.4	83	94	3.8			-15.6	-1.4		395152.49	6908417.97	1165
1124844	22/08/2016	221406	5	N	312.5		25.2	-17.3	1.7	60	96	3.44			-17.3	1.7		395162.01	6908425.93	1167
1124844	22/08/2016	221318	5	N	325		25.2	-12.6	5.6	82	90	3.69			-12.6	5.6		395170.29	6908434.93	1169
1124844	22/08/2016	221234	5	N	337.5		25.2	-19.1	1.8	43	96	3.2			-19.1	1.8		395174.15	6908448.17	1175
1124844	22/08/2016	220418	5	N	350		25.2	-23.8	1.9	63	88	3.27			-23.8	1.9		395179.2	6908456.98	1176
1124844	22/08/2016	220318	5	N	362.5		25.2	-26.6	0.8	96	72	3.64			-26.6	0.8		395183.96	6908465.31	1181
1124844	22/08/2016	220206	5	N	375		25.2	-27.6	2.8	97	68	3.6			-27.6	2.8		395192.31	6908475.57	1180
1124844	22/08/2016	220114	5	N	387.5		25.2	-30.6	3.3	51	98	3.35			-30.6	3.3		395202.26	6908482.98	1183
1124844	22/08/2016	220030	5	N	400		25.2	-30.6	5.1	42	97	3.22			-30.6	5.1		395206.83	6908492.5	1185
1124844	22/08/2016	215942	5	N	412.5		25.2	-24.3	5.8	65	99	3.6			-24.3	5.8		395211.92	6908502.69	1187
1124844	22/08/2016	215838	5	N	425		25.2	-20.4	7.7	98	81	3.86			-20.4	7.7		395220.74	6908514.63	1189
1124844	22/08/2016	215746	5	N	437.5		25.2	-25.9	10.7	83	92	3.77			-25.9	10.7		395228.68	6908521.74	1189
1124844	22/08/2016	215634	5	N	450		25.2	-36.7	5.5	20	98	3.04	9				signal drop, unreliable point	395231.21	6908535.13	1194
1124844	22/08/2016	215542	5	N	462.5		25.2	-28.3	7.9	86	92	3.82			-28.3	7.9		395235.68	6908545.32	1196
1124844	22/08/2016	215454	5	N	475		25.2	-28.9	10.1	63	97	3.51			-28.9	10.1		395244.11	6908551.61	1197
1124844	22/08/2016	215350	5	N	487.5		25.2	-28.4	11.8	76	86	3.48			-28.4	11.8		395251.17	6908562.91	1201
1124844	22/08/2016	215310	5	N	500		25.2	-32.4	10.7	68	86	3.35			-32.4	10.7		395255.05	6908572.03	1204
1124844	22/08/2016	215158	5	N	512.5		25.2	-33.4	10.2	98	65	3.57			-33.4	10.2		395262.9	6908583.91	1206
1124844	22/08/2016	215106	5	N	525		25.2	-36.5	9.1	94	79	3.74			-36.5	9.1		395271.28	6908591.92	1209
1124844	22/08/2016	215014	5	N	537.5		25.2	-38	11.3	78	92	3.68			-38	11.3		395281.26	6908597.72	1210
1124844	22/08/2016	214930	5	N	550		25.2	-40.4	10	63	98	3.54			-40.4	10		395290.67	6908606.19	1212
1124844	22/08/2016	214834	5	N	562.5		25.2	-39.2	8.9	91	90	3.89			-39.2	8.9		395296.36	6908618.82	1212
1124844	22/08/2016	214746	5	N	575		25.2	-37.6	8	88	96	3.95			-37.6	8		395303.26	6908627.27	1214
1124844	22/08/2016	214706	5	N	587.5		25.2	-41.5	8.5	74	98	3.73			-41.5	8.5		395308.22	6908636.96	1217
1124844	22/08/2016	214618	5	N	600		25.2	-42.3	9.1	57	99	3.48			-42.3	9.1		395314.67	6908649	1217
1124844	22/08/2016	214538	5	N	612.5		25.2	-28.3	9.7	59	99	3.51			-28.3	9.7		395321.08	6908658.31	1220
1124844	22/08/2016	214442	5	N	625		25.2	-18.7	6.2	100	96	4.2			-18.7	6.2		395326.6	6908669.68	1223
1124844	22/08/2016	214342	5	N	637.5		25.2	-18.2	4.1	97	100	4.24			-18.2	4.1		395333.47	6908680.36	1224
1124844	22/08/2016	214238	5	N	650		25.2	-17	3	95	98	4.14			-17	3		395340.4	6908689.29	1226
1124844	22/08/2016	214154	5	N	662.5		25.2	-16.6	5.7	73	99	3.75			-16.6	5.7		395347.3	6908697.3	1227
1124844	22/08/2016	214054	5	N	675		25.2	-12	1.2	93	100	4.13			-12	1.2		395350.02	6908710.32	1230
1124844	22/08/2016	213722	5	N	687.5		25.2	-8.3	1.6	101	98	4.27			-8.3	1.6		395358.41	6908718.13	1231
1124844	22/08/2016	213630	5	N	700		25.2	-12.3	-0.6	93	100	4.17			-12.3	-0.6		395365.1	6908729.14	1232
1124844	22/08/2016	213546	5	N	712.5		25.2	-13.2	-1.2	87	100	4.03			-13.2	-1.2		395371.05	6908738.81	1233
1124844	22/08/2016	213458	5	N	725		25.2	-0.3	0.8	98	100	4.27			-0.3	0.8		395377.56	6908749	1235
1124844	22/08/2016	213418	5	N	737.5		25.2	0.3	-2.6	99	98	4.24			0.3	-2.6		395385.51	6908760.04	1236
1124844	22/08/2016	213338	5	N	750		25.2	-2.1	-5.9	75	99	3.78			-2.1	-5.9		395393.59	6908768.91	1238
1124844	22/08/2016	213254	5	N	762.5		25.2	-5	-6.1	69	99	3.68			-5	-6.1		395404.2	6908776.41	1239
1124844	22/08/2016	213206	5	N	775		25.2	-6.3	-5.8	62	99	3.56			-6.3	-5.8		395410.79	6908784.35	1241
1124844	22/08/2016	213122	5	N	787.5		25.2	-6.2	-7.6	69	99	3.68			-6.2	-7.6		395418.31	6908796.14	1243
1124844	22/08/2016	212906	5	N	800		25.2	-0.9	-7.1	55	99	3.45			-0.9	-7.1		395424.84	6908805.8	1244
1124844	22/08/2016	212826	5	N	812.5		25.2	15.4	-3.3	59	99	3.51			15.4	-3.3		395432.06	6908817.05	1245
1124844	22/08/2016	212746	5	N	825		25.2	13.9	0	56	99	3.47			13.9	0		395438.45	6908825.46	1246
1124844	22/08/2016	212642	5	N	837.5		25.2	12.8	-2.8	61	99	3.54			12.8	-2.8		395447.04	6908835.54	1250
1124844	22/08/2016	212602	5	N	850		25.2	7.7	-4	70	99	3.7			7.7	-4		395452.29	6908846.82	1252
1124844	22/08/2016	212502	5	N	862.5		25.2	7.5	-8.4	43	99	3.3			7.5	-8.4		395459.12	6908856.54	1254
1124844	22/08/2016	212354	5	N	875		25.2	-1.4	-7.3	72	99	3.73			-1.4	-7.3		395465.92	6908867.51	1256
1124844	22/08/2016	212306	5	N	887.5		25.2	-0.9	-5.2	70	99	3.7			-0.9	-5.2		395472.43	6908877.41	1256
1124844	22/08/2016	212230	5	N	900		25.2	7.9	-0.1	58	99	3.48			7.9	-0.1		395479.91	6908888.45	1257
1124844	22/08/2016	212150	5	N	912.5		25.2	13.1	3.6	55	99	3.45			13.1	3.6		395487.66	6908898.41	1257
1124844	22/08/2016	212034	5	N	925		25.2	19.5	3.9	44	99	3.3			19.5	3.9		395495.3	6908907.73	1257
1124844	22/08/2016	211950	5	N	937.5		25.2	19.2	6.1	25	99	3.11			19.2	6.1		395500.52	6908918.91	1255
1124844	22/08/2016	211858	5	N	950		25.2	18.7	6.3	52	98	3.39			18.7	6.3		395507.2	6908929.79	1253

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	211658	5	N	962.5		25.2	17.9	6.9	17	99	3.06			17.9	6.9		395513.39	6908940.71	1252
1124844	22/08/2016	211550	5	N	975		25.2	19.2	9	79	99	3.85			19.2	9		395520.17	6908951.18	1248
1124844	22/08/2016	211454	5	N	987.5		25.2	22.7	8.6	52	99	3.41			22.7	8.6		395529.11	6908958.72	1244
1124844	22/08/2016	211358	5	N	1000		25.2	24.4	11.1	27	99	3.12			24.4	11.1		395537.51	6908967.95	1239
1124844	22/08/2016	211142	5	N	1012.5		25.2	19.7	11	32	99	3.17			19.7	11		395542.91	6908976.83	1235
1124844	22/08/2016	210910	5	N	1025		25.2	19.9	7.6	52	98	3.38			19.9	7.6		395549.5	6908986.71	1231
1124844	22/08/2016	210810	5	N	1037.5		25.2	19.6	6.9	12	99	3.03			19.6	6.9		395557.68	6908993.78	1224
1124844	22/08/2016	210706	5	N	1050		25.2	15.5	7.6	42	99	3.28			15.5	7.6		395562.04	6909003.01	1217
1124844	22/08/2016	210602	5	N	1062.5		25.2	21.6	11.4	46	99	3.32			21.6	11.4		395568.72	6909012.34	1212
1124844	22/08/2016	210450	5	N	1075		25.2	28.5	12.3	50	99	3.36			28.5	12.3		395574.29	6909023.93	1208
1124844	22/08/2016	210358	5	N	1087.5		25.2	27.8	12.9	62	98	3.53			27.8	12.9		395582.44	6909034.77	1205
1124844	22/08/2016	210302	5	N	1100		25.2	26.1	11.9	49	98	3.33			26.1	11.9		395588.49	6909043.48	1204
1124844	22/08/2016	210142	5	N	1112.5		25.2	20.3	9.2	86	88	3.75			20.3	9.2		395593.08	6909055.62	1202
1124844	22/08/2016	210034	5	N	1125		25.2	18.7	7.7	40	98	3.21			18.7	7.7		395598.98	6909067.16	1200
1124844	22/08/2016	205926	5	N	1137.5		25.2	17.3	7.7	54	98	3.41			17.3	7.7		395610.11	6909074.32	1198
1124844	22/08/2016	205842	5	N	1150		25.2	21.3	8.9	64	98	3.57			21.3	8.9		395616.5	6909084.14	1197
1124844	22/08/2016	205742	5	N	1162.5		25.2	25.3	8.2	52	97	3.34			25.3	8.2		395622.84	6909093.91	1195
1124844	22/08/2016	205650	5	N	1175		25.2	26.1	8.8	61	98	3.51			26.1	8.8		395629.56	6909102.9	1192
1124844	22/08/2016	205550	5	N	1187.5		25.2	24.6	8.4	68	94	3.52			24.6	8.4		395639.22	6909112.01	1190
1124844	22/08/2016	205354	5	N	1200		25.2	24.3	8.1	49	94	3.23			24.3	8.1		395643.95	6909121.19	1186
1124844	22/08/2016	205254	5	N	1212.5		25.2	24.3	4.5	37	98	3.18			24.3	4.5		395651.71	6909130.36	1185
1124844	22/08/2016	205158	5	N	1225		25.2	20.6	-1.2	56	95	3.36			20.6	-1.2		395658.51	6909140.38	1183
1124844	22/08/2016	205022	5	N	1237.5		25.2	24.1	-2.2	17	98	3.03			24.1	-2.2		395667.38	6909147.15	1181
1124844	22/08/2016	204906	5	N	1250		25.2	28.7	2.1	-7	98	3			28.7	2.1		395675.07	6909159.1	1178
1124844	22/08/2016	204810	5	N	1262.5		25.2	28.6	1.6	19	98	3.02			28.6	1.6		395679.6	6909170.11	1176
1124844	22/08/2016	204722	5	N	1275		25.2	30	0	14	99	3.03			30	0		395685.24	6909180.75	1174
1124844	22/08/2016	204630	5	N	1287.5		25.2	39.9	-3.3	40	98	3.23			39.9	-3.3		395690.47	6909191.56	1171
1124844	22/08/2016	204530	5	N	1300		25.2	50	0.1	-2	99	2.99			50	0.1		395696.63	6909202.58	1168
1124844	22/08/2016	204434	5	N	1312.5		25.2	38.9	2.1	41	95	3.14			38.9	2.1		395701.04	6909213.51	1165
1124844	22/08/2016	204342	5	N	1325		25.2	41.9	0.9	35	98	3.16			41.9	0.9		395708.6	6909222.29	1163
1124844	22/08/2016	204238	5	N	1337.5		25.2	41.1	-2.3	48	93	3.18			41.1	-2.3		395716.19	6909232.54	1162
1124844	22/08/2016	204150	5	N	1350		25.2	38.2	0.3	53	95	3.31			38.2	0.3		395723.02	6909243.05	1160
1124844	22/08/2016	204042	5	N	1362.5		25.2	39.5	2.3	59	92	3.32			39.5	2.3		395730.23	6909251.68	1158
1124844	22/08/2016	203946	5	N	1375		25.2	36.4	2	42	93	3.1			36.4	2		395737.9	6909261.39	1156
1124844	22/08/2016	203854	5	N	1387.5		25.2	36	3.8	49	92	3.16			36	3.8		395746.25	6909270.78	1154
1124844	22/08/2016	203806	5	N	1400		25.2	36.5	5	33	93	3			36.5	5		395753.6	6909281.06	1151
1124844	22/08/2016	203434	5	N	1412.5		25.2	37.2	4.3	21	92	2.86			37.2	4.3		395758.17	6909290.46	1148
1124844	22/08/2016	203326	5	N	1425		25.2	36.8	3.2	53	78	2.87			36.8	3.2		395765.27	6909301.59	1146
1124844	22/08/2016	203222	5	N	1437.5		25.2	30.7	4.6	41	90	3.01			30.7	4.6		395774.43	6909311.53	1143
1124844	22/08/2016	202954	5	N	1450		25.2	28.4	5.5	33	92	2.96			28.4	5.5		395780.32	6909320.74	1140
1124844	22/08/2016	203022	5	N	1450		25.2	27.1	4.8	26	87	2.74			27.1	4.8		395780.32	6909320.85	1139
8042728	22/08/2016	222226	7	N	0		25.2	-19.4	-3.1	15	60	3.8	2				Double reading	395154.90	6908067.63	1130.00
8042728	22/08/2016	222250	7	N	0		25.2	-19.5	-3.4	17	61	3.85	2				Double reading	395154.10	6908066.57	1129.00
8042728	22/08/2016	222318	7	N	0		25.2	-19.6	-3	16	62	3.92	2				Double reading	395153.93	6908064.93	1130.00
8042728	22/08/2016	222338	7	N	0	Should be station 0, all stations need to be changed	25.2	-21.1	-2.5	14	60	3.73			-21.1	-2.5		395153.99	6908064.25	1130.00
8042728	22/08/2016	222146	7	N	12.5		25.2	-17.4	-2.9	4	66	4.01			-17.4	-2.9		395156.82	6908075.40	1129.00
8042728	22/08/2016	222110	7	N	25		25.2	-15.4	-6.1	47	126	4.08			-15.4	-6.1		395160.08	6908083.67	1133.00
8042728	22/08/2016	222018	7	N	37.5		25.2	-10.5	-5.4	63	119	4.09			-10.5	-5.4		395167.04	6908096.28	1137.00
8042728	22/08/2016	221938	7	N	50		25.2	-5.6	-4	72	117	4.17			-5.6	-4		395175.93	6908105.08	1140.00
8042728	22/08/2016	221846	7	N	62.5		25.2	-4.9	-3.9	93	102	4.2			-4.9	-3.9		395183.49	6908116.55	1144.00
8042728	22/08/2016	221802	7	N	75		25.2	-5.5	-4.6	62	112	3.9			-5.5	-4.6		395190.48	6908125.05	1145.00
8042728	22/08/2016	221718	7	N	87.5		25.2	-4.9	-3.2	84	106	4.11			-4.9	-3.2		395198.01	6908135.22	1150.00
8042728	22/08/2016	221642	7	N	100		25.2	-3.7	-1.5	70	109	3.93			-3.7	-1.5		395204.63	6908145.66	1152.00
8042728	22/08/2016	221554	7	N	112.5		25.2	-5.6	-1.9	74	105	3.91			-5.6	-1.9		395210.29	6908154.88	1149.00
8042728	22/08/2016	221458	7	N	125		25.2	-10.1	-2.4	61	109	3.8			-10.1	-2.4		395216.89	6908166.03	1154.00
8042728	22/08/2016	221410	7	N	137.5		25.2	-13.7	-3.3	67	104	3.75			-13.7	-3.3		395224.61	6908174.87	1158.00
8042728	22/08/2016	221322	7	N	150		25.2	-17.7	-4.7	68	103	3.75			-17.7	-4.7		395233.22	6908184.33	1160.00
8042728	22/08/2016	221234	7	N	162.5		25.2	-15	-3.6	75	103	3.88			-15	-3.6		395239.90	6908192.58	1161.00
8042728	22/08/2016	221158	7	N	175		25.2	-18.4	-3.3	67	109	3.88			-18.4	-3.3		395244.23	6908201.50	1162.00
8042728	22/08/2016	221110	7	N	187.5		25.2	-21.4	-4.8	75	104	3.91			-21.4	-4.8		395255.89	6908213.02	1166.00
8042728	22/08/2016	221026	7	N	200		25.2	-26.2	-5	68	98	3.64			-26.2	-5		395261.81	6908222.02	1168.00
8042728	22/08/2016	220946	7	N	212.5		25.2	-26.6	-5.4	67	107	3.84			-26.6	-5.4		395270.12	6908231.98	1170.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	220910	7	N	225		25.2	-24.2	-5.1	97	103	4.3			-24.2	-5.1		395277.79	6908240.62	1173.00
8042728	22/08/2016	220830	7	N	237.5		25.2	-25.4	-6.1	81	119	4.37			-25.4	-6.1		395284.25	6908250.43	1172.00
8042728	22/08/2016	220746	7	N	250		25.2	-22	-4.4	78	118	4.29			-22	-4.4		395293.57	6908261.37	1177.00
8042728	22/08/2016	220702	7	N	262.5		25.2	-18.1	-3.8	65	118	4.09			-18.1	-3.8		395299.26	6908270.49	1180.00
8042728	22/08/2016	220622	7	N	275		25.2	-11.2	-1.1	72	117	4.16			-11.2	-1.1		395305.35	6908280.85	1178.00
8042728	22/08/2016	220550	7	N	287.5		25.2	-11.9	-0.8	68	119	4.16			-11.9	-0.8		395309.88	6908288.40	1183.00
8042728	22/08/2016	220510	7	N	300		25.2	-14.4	-2	96	110	4.43			-14.4	-2		395319.95	6908298.86	1185.00
8042728	22/08/2016	220414	7	N	312.5		25.2	-14.8	-2.6	78	108	4.04			-14.8	-2.6		395325.19	6908310.78	1189.00
8042728	22/08/2016	220326	7	N	325		25.2	-15.7	-2.8	95	104	4.28			-15.7	-2.8		395332.87	6908320.70	1189.00
8042728	22/08/2016	220226	7	N	337.5		25.2	-16.1	-2.9	58	113	3.86			-16.1	-2.9		395335.50	6908327.32	1192.00
8042728	22/08/2016	220106	7	N	350		25.2	-11.9	-1.6	83	111	4.22			-11.9	-1.6		395344.04	6908336.30	1194.00
8042728	22/08/2016	220018	7	N	362.5		25.2	-4	4.7	59	118	4			-4	4.7		395352.49	6908348.06	1194.00
8042728	22/08/2016	215934	7	N	375		25.2	-8.4	2.6	65	110	3.88			-8.4	2.6		395359.32	6908359.38	1195.00
8042728	22/08/2016	215846	7	N	387.5		25.2	-12.9	0.8	65	101	3.64			-12.9	0.8		395366.68	6908368.52	1199.00
8042728	22/08/2016	215802	7	N	400		25.2	-15.7	0.2	67	104	3.75			-15.7	0.2		395372.05	6908378.68	1202.00
8042728	22/08/2016	215722	7	N	412.5		25.2	-18.9	0.8	35	49	3.68			-18.9	0.8		395376.85	6908384.71	1203.00
8042728	22/08/2016	215638	7	N	425		25.2	-21	2.1	34	52	3.79			-21	2.1		395384.43	6908395.76	1206.00
8042728	22/08/2016	215554	7	N	437.5		25.2	-24.2	0.5	38	50	3.84			-24.2	0.5		395392.13	6908405.61	1206.00
8042728	22/08/2016	215446	7	N	450		25.2	-29.2	0.2	29	50	3.55			-29.2	0.2		395401.92	6908420.99	1208.00
8042728	22/08/2016	215346	7	N	462.5		25.2	-30	0	28	55	3.75			-30	0		395408.60	6908431.16	1211.00
8042728	22/08/2016	215314	7	N	475		25.2	-31.1	-1	31	54	3.82			-31.1	-1		395412.16	6908436.59	1212.00
8042728	22/08/2016	215214	7	N	487.5		25.2	-29.7	0.4	30	59	4.02			-29.7	0.4		395421.38	6908448.64	1213.00
8042728	22/08/2016	215134	7	N	500		25.2	-27.9	2.3	30	58	3.98			-27.9	2.3		395424.34	6908453.90	1216.00
8042728	22/08/2016	215050	7	N	512.5		25.2	-25.5	3.6	34	56	4.01			-25.5	3.6		395431.83	6908466.22	1219.00
8042728	22/08/2016	215010	7	N	525		25.2	-25.2	4.7	30	58	3.98			-25.2	4.7		395439.51	6908476.12	1221.00
8042728	22/08/2016	214926	7	N	537.5		25.2	-29.7	3.1	28	57	3.89			-29.7	3.1		395446.83	6908486.42	1223.00
8042728	22/08/2016	214850	7	N	550		25.2	-32.6	1	33	60	4.18			-32.6	1		395454.79	6908495.25	1226.00
8042728	22/08/2016	214742	7	N	562.5		25.2	-35.4	-1.1	29	66	4.37			-35.4	-1.1		395467.06	6908506.98	1228.00
8042728	22/08/2016	214638	7	N	575		25.2	-24.3	0.5	30	70	4.63			-24.3	0.5		395472.69	6908517.63	1229.00
8042728	22/08/2016	214538	7	N	587.5		25.2	-12	3.8	42	64	4.67			-12	3.8		395479.94	6908528.52	1231.00
8042728	22/08/2016	214414	7	N	600		25.2	-10.6	4.5	32	64	4.37			-10.6	4.5		395483.98	6908536.48	1233.00
8042728	22/08/2016	214318	7	N	612.5		25.2	-15.1	2.5	25	60	3.95			-15.1	2.5		395492.20	6908549.39	1235.00
8042728	22/08/2016	214214	7	N	625		25.2	-16.5	2.1	35	59	4.18			-16.5	2.1		395499.02	6908558.83	1236.00
8042728	22/08/2016	214134	7	N	637.5		25.2	-18	-1	33	62	4.26			-18	-1		395505.75	6908568.50	1237.00
8042728	22/08/2016	214050	7	N	650		25.2	-17.2	0	29	60	4.09			-17.2	0		395513.71	6908583.23	1239.00
8042728	22/08/2016	213742	7	N	662.5		25.2	-18.2	-0.3	41	55	4.16			-18.2	-0.3		395520.07	6908590.73	1240.00
8042728	22/08/2016	213650	7	N	675		25.2	-25.6	-4.2	33	63	4.32			-25.6	-4.2		395529.38	6908606.14	1242.00
8042728	22/08/2016	213602	7	N	687.5		25.2	-29.9	-6.2	33	60	4.21			-29.9	-6.2		395536.52	6908615.54	1244.00
8042728	22/08/2016	213510	7	N	700		25.2	-31.3	-8.2	43	65	4.76			-31.3	-8.2		395543.57	6908625.76	1245.00
8042728	22/08/2016	213426	7	N	712.5		25.2	-25.2	-7.7	49	71	5.27			-25.2	-7.7		395549.40	6908633.64	1247.00
8042728	22/08/2016	213338	7	N	725		25.2	-11.7	-4.4	50	69	5.18			-11.7	-4.4		395556.22	6908642.57	1248.00
8042728	22/08/2016	213242	7	N	737.5		25.2	-2.1	-2.8	46	71	5.18			-2.1	-2.8		395564.47	6908654.14	1250.00
8042728	22/08/2016	213150	7	N	750		25.2	0.8	-2.7	36	72	4.87			0.8	-2.7		395570.81	6908663.54	1252.00
8042728	22/08/2016	213106	7	N	762.5		25.2	3.5	-3.7	34	68	4.66			3.5	-3.7		395576.60	6908673.54	1252.00
8042728	22/08/2016	213026	7	N	775		25.2	1.2	-6.1	37	67	4.65			1.2	-6.1		395583.92	6908683.80	1254.00
8042728	22/08/2016	212930	7	N	787.5		25.2	-0.5	-6.7	40	67	4.75			-0.5	-6.7		395588.80	6908692.55	1256.00
8042728	22/08/2016	212822	7	N	800		25.2	-1	-7.8	37	67	4.65			-1	-7.8		395597.45	6908703.98	1258.00
8042728	22/08/2016	212742	7	N	812.5		25.2	-1.1	-9	42	61	4.52			-1.1	-9		395603.75	6908713.71	1259.00
8042728	22/08/2016	212658	7	N	825		25.2	-2.3	-9.7	38	70	4.86			-2.3	-9.7		395608.52	6908720.48	1260.00
8042728	22/08/2016	212618	7	N	837.5		25.2	-6.5	-12.6	32	63	4.33			-6.5	-12.6		395617.98	6908732.88	1261.00
8042728	22/08/2016	212530	7	N	850		25.2	-7.3	-13.7	36	69	4.72			-7.3	-13.7		395624.55	6908743.29	1263.00
8042728	22/08/2016	212446	7	N	862.5		25.2	-4.7	-12.8	38	75	5.14			-4.7	-12.8		395634.48	6908757.67	1264.00
8042728	22/08/2016	212402	7	N	875		25.2	-1.1	-10.9	32	79	5.19			-1.1	-10.9		395640.71	6908767.32	1265.00
8042728	22/08/2016	212314	7	N	887.5		25.2	6.7	-7.1	39	75	5.15			6.7	-7.1		395647.71	6908778.62	1266.00
8042728	22/08/2016	212230	7	N	900		25.2	20	-4.5	38	76	5.18			20	-4.5		395654.76	6908788.99	1267.00
8042728	22/08/2016	212138	7	N	912.5		25.2	24.4	-3.1	35	74	4.98			24.4	-3.1		395659.19	6908796.75	1267.00
8042728	22/08/2016	212054	7	N	925		25.2	28.9	-1.3	39	73	5.05			28.9	-1.3		395664.73	6908804.87	1267.00
8042728	22/08/2016	212010	7	N	937.5		25.2	29.3	-1.4	30	69	4.6			29.3	-1.4		395670.56	6908817.51	1269.00
8042728	22/08/2016	211918	7	N	950		25.2	23.1	-6	35	66	4.55			23.1	-6		395678.50	6908830.75	1270.00
8042728	22/08/2016	211826	7	N	962.5		25.2	26.5	-3.3	31	64	4.35			26.5	-3.3		395685.57	6908841.54	1270.00
8042728	22/08/2016	211742	7	N	975		25.2	27.5	-2.5	35	62	4.34			27.5	-2.5		395692.00	6908851.65	1271.00
8042728	22/08/2016	211654	7	N	987.5		25.2	27.6	-1.4	34	65	4.46			27.6	-1.4		395699.48	6908861.55	1270.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042728	22/08/2016	211606	7	N	1000		25.2	27.9	-1.9	40	57	4.27			27.9	-1.9		395706.25	6908871.27	1269.00
8042728	22/08/2016	211522	7	N	1012.5		25.2	26.1	-1.9	35	59	4.21			26.1	-1.9		395714.64	6908883.37	1268.00
8042728	22/08/2016	211430	7	N	1025		25.2	26.4	1.1	44	55	4.27			26.4	1.1		395720.24	6908891.91	1268.00
8042728	22/08/2016	211330	7	N	1037.5		25.2	28.9	2.1	50	51	4.36			28.9	2.1		395728.83	6908901.16	1266.00
8042728	22/08/2016	211218	7	N	1050		25.2	31.7	7.5	36	53	3.92			31.7	7.5		395738.78	6908916.43	1264.00
8042728	22/08/2016	211126	7	N	1062.5		25.2	29.8	7	25	59	3.93			29.8	7		395746.74	6908928.89	1260.00
8042728	22/08/2016	211026	7	N	1075		25.2	30	5.4	10	62	3.81			30	5.4		395751.60	6908937.97	1256.00
8042728	22/08/2016	210834	7	N	1087.5		25.2	24.8	4.7	27	60	4.01			24.8	4.7		395756.76	6908952.66	1251.00
8042728	22/08/2016	210730	7	N	1100		25.2	24.8	4.1	22	59	3.86			24.8	4.1		395764.13	6908962.23	1247.00
8042728	22/08/2016	210622	7	N	1112.5		25.2	22.4	3.7	22	60	3.9			22.4	3.7		395769.14	6908969.52	1242.00
8042728	22/08/2016	205950	7	N	1125		25.2	17.4	-1.3	42	55	4.24			17.4	-1.3		395780.86	6908980.31	1234.00
8042728	22/08/2016	205854	7	N	1137.5		25.2	20.8	-0.9	33	65	4.48			20.8	-0.9		395787.57	6908987.87	1229.00
8042728	22/08/2016	205742	7	N	1150		25.2	31.2	0.6	25	63	4.13			31.2	0.6		395795.90	6908998.52	1226.00
8042728	22/08/2016	205634	7	N	1162.5		25.2	44.2	2.1	36	126	3.99			44.2	2.1		395801.39	6909008.51	1224.00
8042728	22/08/2016	205542	7	N	1175		25.2	52.1	6	36	121	3.84			52.1	6		395808.70	6909020.22	1221.00
8042728	22/08/2016	205450	7	N	1187.5		25.2	48.6	3.2	47	120	3.92			48.6	3.2		395813.84	6909028.97	1219.00
8042728	22/08/2016	205354	7	N	1200		25.2	47.4	0.1	38	117	3.73			47.4	0.1		395819.12	6909039.08	1217.00
8042728	22/08/2016	205306	7	N	1212.5		25.2	42.8	-1.5	65	109	3.85			42.8	-1.5		395825.93	6909049.32	1215.00
8042728	22/08/2016	205110	7	N	1225		25.2	43	-0.9	62	106	3.73			43	-0.9		395831.80	6909057.35	1214.00
8042728	22/08/2016	204954	7	N	1237.5		25.2	42.7	-2.1	64	104	3.71			42.7	-2.1		395840.68	6909069.15	1211.00
8042728	22/08/2016	204750	7	N	1250		25.2	39.9	-4.4	51	106	3.57			39.9	-4.4		395850.24	6909084.22	1207.00
8042728	22/08/2016	204558	7	N	1262.5		25.2	34.6	-5.7	72	99	3.73			34.6	-5.7		395857.39	6909094.35	1203.00
8042728	22/08/2016	204510	7	N	1275		25.2	35.7	-5.7	58	106	3.65			35.7	-5.7		395864.73	6909103.83	1200.00
8042728	22/08/2016	204426	7	N	1287.5		25.2	34.5	-6.2	60	107	3.72			34.5	-6.2		395871.50	6909112.46	1197.00
8042728	22/08/2016	204310	7	N	1300		25.2	38.1	-6.3	46	113	3.69			38.1	-6.3		395878.91	6909121.08	1193.00
8042728	22/08/2016	204218	7	N	1312.5		25.2	39.7	-3.3	55	112	3.79			39.7	-3.3		395886.80	6909132.18	1190.00
8042728	22/08/2016	204122	7	N	1325		25.2	41.8	-2.3	45	108	3.57			41.8	-2.3		395893.12	6909140.58	1187.00
8042728	22/08/2016	204010	7	N	1337.5		25.2	43.5	-1.5	56	104	3.59			43.5	-1.5		395901.57	6909150.56	1183.00
8042728	22/08/2016	203918	7	N	1350		25.2	44.3	1.1	52	102	3.49			44.3	1.1		395907.61	6909157.60	1181.00
8042728	22/08/2016	203718	7	N	1362.5		25.2	41.3	1.1	78	90	3.63	9				Bad Point	395916.67	6909169.98	1176.00
8042728	22/08/2016	203610	7	N	1375		25.2	38.3	-0.6	66	88	3.36			38.3	-0.6		395923.97	6909179.17	1173.00
8042728	22/08/2016	203514	7	N	1387.5		25.2	35.5	-3.2	58	102	3.57			35.5	-3.2		395929.21	6909187.39	1171.00
8042728	22/08/2016	203358	7	N	1400		25.2	34.2	-1.5	74	92	3.58			34.2	-1.5		395938.05	6909198.10	1168.00
8042728	22/08/2016	203218	7	N	1412.5		25.2	35.7	-0.4	62	97	3.51			35.7	-0.4		395944.00	6909205.97	1164.00
8042728	22/08/2016	203254	7	N	1412.5		25.2	35	-0.9	65	94	3.46	2				Double reading	395944.40	6909206.69	1165.00
1124844	22/08/2016	232314	9	N	0		25.2	-11.1	-5.4	72	90	3.51	2				Double reading	395315.83	6907955.75	1134
1124844	22/08/2016	232338	9	N	0		25.2	-13.7	-3.7	73	84	3.37			-13.7	-3.7		395316.4	6907956.14	1134
1124844	22/08/2016	232534	9	N	12.5		25.2	-14.6	-6.6	36	97	3.15			-14.6	-6.6		395324.68	6907959.2	1135
1124844	22/08/2016	232622	9	N	25		25.2	-13.7	-6.3	82	87	3.64			-13.7	-6.3		395329.83	6907969.45	1137
1124844	22/08/2016	232730	9	N	37.5		25.2	-16.7	-6.4	90	76	3.59			-16.7	-6.4		395337.41	6907978.4	1143
1124844	22/08/2016	232814	9	N	50		25.2	-15.6	-4.6	86	79	3.55			-15.6	-4.6		395346.7	6907984.93	1144
1124844	22/08/2016	232858	9	N	62.5		25.2	-17.4	-6.3	51	94	3.26			-17.4	-6.3		395355.68	6907995.73	1148
1124844	22/08/2016	232958	9	N	75		25.2	-19.9	-7.4	73	86	3.42			-19.9	-7.4		395359.62	6908005.87	1155
1124844	22/08/2016	233038	9	N	87.5		25.2	-22	-6.6	51	98	3.35			-22	-6.6		395363.03	6908014.48	1156
1124844	22/08/2016	233126	9	N	100		25.2	-19.3	-4.5	63	92	3.39			-19.3	-4.5		395371.22	6908024.65	1159
1124844	22/08/2016	233214	9	N	112.5		25.2	-16.7	-5.4	58	97	3.44			-16.7	-5.4		395377.98	6908034.26	1162
1124844	22/08/2016	233258	9	N	125		25.2	-17.2	-4.4	43	96	3.18			-17.2	-4.4		395381.47	6908045.56	1163
1124844	22/08/2016	233346	9	N	137.5		25.2	-22.2	-5.1	33	96	3.09			-22.2	-5.1		395385.85	6908056.41	1167
1124844	22/08/2016	233446	9	N	150		25.2	-21.8	-5	55	96	3.36			-21.8	-5		395393.36	6908067.47	1168
1124844	22/08/2016	233542	9	N	162.5		25.2	-23.1	-5.2	74	90	3.55			-23.1	-5.2		395402.77	6908073.85	1171.00
1124844	22/08/2016	233626	9	N	175		25.2	-24.2	-4.2	65	92	3.42			-24.2	-4.2		395410.82	6908081.94	1173.00
1124844	22/08/2016	233722	9	N	187.5		25.2	-22.7	-4.2	68	88	3.36			-22.7	-4.2		395422.06	6908091.46	1176.00
1124844	22/08/2016	233826	9	N	200		25.2	-23.3	-3.4	30	99	3.14			-23.3	-3.4		395427.23	6908100.38	1179.00
1124844	22/08/2016	233914	9	N	212.5		25.2	-18.1	2.4	33	99	3.15			-18.1	2.4		395429.83	6908112.08	1181.00
1124844	22/08/2016	233950	9	N	225		25.2	-19.4	2.1	25	97	3.04			-19.4	2.1		395434.16	6908123.69	1183.00
1124844	22/08/2016	234050	9	N	237.5		25.2	-25.9	1.5	39	96	3.14			-25.9	1.5		395441.88	6908131.87	1185.00
1124844	22/08/2016	234138	9	N	250		25.2	-21.8	-0.2	84	88	3.71			-21.8	-0.2		395448.24	6908142.27	1187.00
1124844	22/08/2016	234238	9	N	262.5		25.2	-21.3	0	74	87	3.48			-21.3	0		395455.49	6908151.64	1187.00
1124844	22/08/2016	234326	9	N	275		25.2	-25.6	-3.8	81	84	3.54			-25.6	-3.8		395466.12	6908157.53	1188.00
1124844	22/08/2016	234414	9	N	287.5		25.2	-27	-0.4	49	98	3.35			-27	-0.4		395472.99	6908169.08	1191.00
1124844	22/08/2016	234454	9	N	300		25.2	-21.3	1	59	96	3.43			-21.3	1		395479.53	6908177.94	1190.00
1124844	22/08/2016	234554	9	N	312.5		25.2	-27.6	2.6	32	98	3.13			-27.6	2.6		395483.60	6908188.12	1192.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	22/08/2016	234630	9	N	325		25.2	-20.3	2.5	38	96	3.14			-20.3	2.5		395488.72	6908200.01	1194.00
1124844	22/08/2016	234714	9	N	337.5		25.2	-19.9	2.8	76	95	3.7			-19.9	2.8		395495.11	6908211.14	1197.00
1124844	22/08/2016	234750	9	N	350		25.2	-22.9	7	27	99	3.11			-22.9	7		395503.91	6908219.40	1198.00
1124844	22/08/2016	234842	9	N	362.5		25.2	-17.7	1.5	78	88	3.57			-17.7	1.5		395511.43	6908228.99	1199.00
1124844	22/08/2016	234942	9	N	375		25.2	-21.8	0.6	76	90	3.58			-21.8	0.6		395517.76	6908237.29	1202.00
1124844	22/08/2016	235042	9	N	387.5		25.2	-19.5	1.3	86	90	3.8			-19.5	1.3		395524.05	6908246.44	1203.00
1124844	22/08/2016	235122	9	N	400		25.2	-13.1	6.6	95	77	3.71			-13.1	6.6		395534.23	6908255.26	1203.00
1124844	22/08/2016	235210	9	N	412.5		25.2	-18.2	7.1	37	98	3.19			-18.2	7.1		395540.12	6908268.47	1206.00
1124844	22/08/2016	235258	9	N	425		25.2	-18.6	6.6	53	90	3.18			-18.6	6.6		395546.10	6908278.00	1207.00
1124844	22/08/2016	235346	9	N	437.5		25.2	-19.1	6	33	96	3.07			-19.1	6		395550.86	6908289.44	1210.00
1124844	22/08/2016	235502	9	N	450		25.2	-17.9	5.1	54	96	3.34			-17.9	5.1		395556.02	6908300.45	1213.00
1124844	22/08/2016	235558	9	N	462.5		25.2	-21.1	4.8	54	97	3.38			-21.1	4.8		395561.31	6908310.44	1216.00
1124844	22/08/2016	235650	9	N	475		25.2	-24.8	2.1	48	96	3.26			-24.8	2.1		395568.52	6908320.10	1216.00
1124844	22/08/2016	235730	9	N	487.5		25.2	-27.6	-0.8	74	88	3.51			-27.6	-0.8		395577.33	6908328.42	1218.00
1124844	22/08/2016	235810	9	N	500		25.2	-34.1	-0.5	43	97	3.21			-34.1	-0.5		395583.46	6908340.90	1219.00
1124844	22/08/2016	235850	9	N	512.5		25.2	-35.6	-1.4	42	98	3.24			-35.6	-1.4		395588.84	6908351.82	1223.00
1124844	22/08/2016	235934	9	N	525		25.2	-34.1	-3.9	72	90	3.5			-34.1	-3.9		395596.55	6908359.84	1224.00
1124844	22/08/2016	10	9	N	537.5		25.2	-34.8	-5.7	88	96	3.94			-34.8	-5.7		395606.77	6908367.46	1225.00
1124844	22/08/2016	50	9	N	550		25.2	-35.3	-4.7	92	91	3.93			-35.3	-4.7		395616.66	6908374.47	1226.00
1124844	22/08/2016	142	9	N	562.5		25.2	-29.7	-2.2	63	99	3.55			-29.7	-2.2		395623.35	6908383.91	1226.00
1124844	22/08/2016	218	9	N	575		25.2	-16	0.3	65	98	3.57			-16	0.3		395633.02	6908392.96	1228.00
1124844	22/08/2016	310	9	N	587.5		25.2	-7.2	1.3	58	99	3.49			-7.2	1.3		395633.48	6908406.23	1231.00
1124844	22/08/2016	418	9	N	600		25.2	-7.5	8.7	22	99	3.07			-7.5	8.7		395638.99	6908416.46	1233.00
1124844	22/08/2016	438	9	N	600		25.2	-2	7.1	12	99	3.02	2				Double reading	395639.10	6908416.34	1233.00
1124844	22/08/2016	502	9	N	600		25.2	-5.2	8.1	5	99	3	2				Double reading	395639.02	6908416.35	1234.00
1124844	23/08/2016	164830	9	N	612.5		25.2	7.9	5.7	25	82	0.32			7.9	5.7	Better signal	395648.40	6908432.38	1232.00
1124844	23/08/2016	165026	9	N	612.5		25.2	6.5	4.4	2	79	0.3	1					395648.52	6908432.20	1232.00
1124844	23/08/2016	165130	9	N	625		25.2	-2.9	3.7	30	74	0.3			-2.9	3.7		395656.88	6908440.94	1233.00
1124844	23/08/2016	165222	9	N	637.5		25.2	-0.9	4.6	10	77	0.29			-0.9	4.6		395664.47	6908448.37	1235.00
1124844	23/08/2016	165310	9	N	650		25.2	-6	3.2	-2	74	0.28			-6	3.2		395673.20	6908455.49	1238.00
1124844	23/08/2016	165354	9	N	662.5		25.2	-7.4	1.1	17	76	0.29			-7.4	1.1		395675.96	6908466.94	1242.00
1124844	23/08/2016	165450	9	N	675		25.2	-11	-1.6	4	72	0.27			-11	-1.6		395682.56	6908477.28	1244.00
1124844	23/08/2016	165606	9	N	687.5		25.2	-12.5	-0.5	11	75	0.28			-12.5	-0.5		395687.52	6908488.02	1249.00
1124844	23/08/2016	165654	9	N	700		25.2	-20.4	-1	-2	78	0.29			-20.4	-1		395696.36	6908497.17	1251.00
1124844	23/08/2016	165802	9	N	712.5		25.2	-23.1	-3.4	-6	76	0.29			-23.1	-3.4		395703.51	6908508.41	1254.00
1124844	23/08/2016	165858	9	N	725		25.2	-22.3	-4.8	0	76	0.29			-22.3	-4.8		395708.88	6908518.07	1257.00
1124844	23/08/2016	165958	9	N	737.5		25.2	-21.8	-4.4	16	74	0.28			-21.8	-4.4		395715.90	6908527.93	1260.00
1124844	23/08/2016	170038	9	N	750		25.2	-26.3	-3.5	28	78	0.31			-26.3	-3.5		395722.30	6908536.62	1262.00
1124844	23/08/2016	170130	9	N	762.5		25.2	-30.8	-6.2	4	80	0.3			-30.8	-6.2		395730.89	6908548.39	1262.00
1124844	23/08/2016	170234	9	N	775		25.2	-32.5	-4.4	30	79	0.32			-32.5	-4.4		395739.28	6908557.27	1261.00
1124844	23/08/2016	170318	9	N	787.5		25.2	-22.1	0	11	85	0.32			-22.1	0		395746.71	6908565.08	1258.00
1124844	23/08/2016	170358	9	N	800		25.2	-8.7	1.4	26	77	0.31			-8.7	1.4		395754.06	6908576.06	1260.00
1124844	23/08/2016	170502	9	N	812.5		25.2	-1.7	4.1	18	83	0.32			-1.7	4.1		395758.44	6908588.32	1262.00
1124844	23/08/2016	170546	9	N	825		25.2	-5.1	4.9	26	82	0.32			-5.1	4.9		395768.36	6908597.56	1263.00
1124844	23/08/2016	170810	9	N	837.5		25.2	-4.8	2.6	15	79	0.3			-4.8	2.6		395773.81	6908608.39	1266.00
1124844	23/08/2016	170854	9	N	850		25.2	-3.1	3.1	-12	80	0.3			-3.1	3.1		395777.63	6908617.86	1268.00
1124844	23/08/2016	170942	9	N	862.5		25.2	-6.1	0.2	17	80	0.31			-6.1	0.2		395782.73	6908629.05	1270.00
1124844	23/08/2016	171030	9	N	875		25.2	5	4.3	18	78	0.3			5	4.3		395791.04	6908638.12	1270.00
1124844	23/08/2016	171154	9	N	887.5		25.2	3.4	3.4	21	76	0.3			3.4	3.4		395796.03	6908645.86	1269.00
1124844	23/08/2016	171234	9	N	900		25.2	0.2	7.7	20	80	0.31			0.2	7.7		395806.20	6908658.57	1270.00
1124844	23/08/2016	171346	9	N	912.5		25.2	2.4	3.5	24	78	0.3			2.4	3.5		395813.73	6908666.32	1269.00
1124844	23/08/2016	171430	9	N	925		25.2	-0.5	5	20	77	0.3	1					395820.09	6908678.52	1269.00
1124844	23/08/2016	171502	9	N	925		25.2	0	3.1	19	78	0.3			0	3.1	Data fits best	395820.53	6908678.43	1269.00
1124844	23/08/2016	171722	9	N	937.5		25.2	1.3	7.8	20	76	0.29			1.3	7.8		395827.59	6908689.50	1267.00
1124844	23/08/2016	171758	9	N	950		25.2	-2.9	7.1	39	79	0.33			-2.9	7.1		395834.66	6908697.65	1264.00
1124844	23/08/2016	171834	9	N	962.5		25.2	-2.5	1.9	9	73	0.28			-2.5	1.9		395841.18	6908708.11	1261.00
1124844	23/08/2016	171938	9	N	975		25.2	-6.6	4	30	81	0.32			-6.6	4		395846.04	6908720.14	1258.00
1124844	23/08/2016	172014	9	N	987.5		25.2	-6.2	3.8	22	82	0.32			-6.2	3.8		395853.26	6908729.39	1255.00
1124844	23/08/2016	172046	9	N	1000		25.2	-2.5	1.1	29	77	0.31			-2.5	1.1		395862.69	6908737.88	1255.00
1124844	23/08/2016	172118	9	N	1012.5		25.2	-3	-4.4	32	80	0.32			-3	-4.4		395871.39	6908746.10	1253.00
1124844	23/08/2016	172150	9	N	1025		25.2	1.6	0	34	82	0.33			1.6	0		395879.64	6908755.83	1252.00
1124844	23/08/2016	172226	9	N	1037.5		25.2	1.9	-0.4	31	84	0.34			1.9	-0.4		395885.65	6908765.84	1253.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	23/08/2016	172302	9	N	1050		25.2	7.2	0.6	23	82	0.32			7.2	0.6		395892.45	6908776.54	1252.00
1124844	23/08/2016	172334	9	N	1062.5		25.2	15.1	0.5	14	83	0.31			15.1	0.5	Better data fit	395900.08	6908788.08	1250.00
1124844	23/08/2016	172402	9	N	1062.5		25.2	16.9	-2	24	88	0.34	1					395899.91	6908787.91	1251.00
1124844	23/08/2016	172634	9	N	1075		25.2	25.9	0.2	22	79	0.31			25.9	0.2		395906.14	6908797.86	1250.00
1124844	23/08/2016	172710	9	N	1087.5		25.2	24.7	0.5	42	80	0.34			24.7	0.5		395913.82	6908808.41	1248.00
1124844	23/08/2016	172746	9	N	1100		25.2	23.4	-4.8	32	78	0.32			23.4	-4.8		395921.20	6908819.33	1247.00
1124844	23/08/2016	172822	9	N	1112.5		25.2	21.4	-6.8	35	85	0.35			21.4	-6.8		395928.52	6908830.14	1245.00
1124844	23/08/2016	172906	9	N	1125		25.2	23.5	-10.7	37	81	0.33			23.5	-10.7		395936.22	6908840.62	1243.00
1124844	23/08/2016	172942	9	N	1137.5		25.2	35.6	-2.5	34	83	0.34			35.6	-2.5		395943.15	6908849.87	1243.00
1124844	23/08/2016	173022	9	N	1150		25.2	40	1	25	78	0.31			40	1		395949.94	6908859.74	1241.00
1124844	23/08/2016	173058	9	N	1162.5		25.2	38.3	-2.8	33	77	0.31			38.3	-2.8		395956.85	6908869.46	1239.00
1124844	23/08/2016	173138	9	N	1175		25.2	39.9	0.2	20	74	0.29			39.9	0.2		395964.25	6908880.37	1238.00
1124844	23/08/2016	173218	9	N	1187.5		25.2	36.3	-4	24	72	0.28			36.3	-4		395972.16	6908890.52	1236.00
1124844	23/08/2016	173258	9	N	1200		25.2	36.7	-9.6	24	67	0.27			36.7	-9.6		395979.36	6908900.72	1234.00
1124844	23/08/2016	173334	9	N	1212.5		25.2	30.5	-0.7	28	70	0.28			30.5	-0.7		395987.30	6908910.85	1231.00
1124844	23/08/2016	173418	9	N	1225		25.2	31.8	-5	23	72	0.28			31.8	-5		395993.19	6908918.56	1229.00
1124844	23/08/2016	173502	9	N	1237.5		25.2	27.5	-6.3	29	72	0.29			27.5	-6.3		396000.23	6908929.20	1225.00
1124844	23/08/2016	173546	9	N	1250		25.2	25.3	-9	28	66	0.27			25.3	-9		396006.68	6908938.60	1219.00
1124844	23/08/2016	173630	9	N	1262.5		25.2	25.6	-3.3	33	70	0.29			25.6	-3.3		396014.03	6908948.46	1215.00
1124844	23/08/2016	173706	9	N	1275		25.2	28.4	-2.4	34	70	0.29			28.4	-2.4		396020.47	6908957.83	1213.00
1124844	23/08/2016	173750	9	N	1287.5		25.2	28	-3.7	23	66	0.26			28	-3.7		396027.73	6908967.66	1208.00
1124844	23/08/2016	173830	9	N	1300		25.2	25.7	1.6	29	70	0.29			25.7	1.6		396032.69	6908977.92	1205.00
1124844	23/08/2016	173910	9	N	1312.5		25.2	20.1	-5	36	71	0.3			20.1	-5		396040.33	6908987.44	1203.00
1124844	23/08/2016	173946	9	N	1325		25.2	24.6	-5.8	20	77	0.3			24.6	-5.8		396046.83	6908997.72	1200.00
1124844	23/08/2016	174030	9	N	1337.5		25.2	21.1	-1.8	27	69	0.28			21.1	-1.8		396052.49	6909008.45	1197.00
1124844	23/08/2016	174114	9	N	1350		25.2	26.4	-1	30	69	0.28			26.4	-1		396059.57	6909019.22	1194.00
1124844	23/08/2016	174150	9	N	1362.5		25.2	25.8	-2.1	27	67	0.27			25.8	-2.1		396066.26	6909027.83	1192.00
1124844	23/08/2016	174230	9	N	1375		25.2	31.4	-0.7	33	67	0.28			31.4	-0.7		396074.73	6909038.07	1188.00
1124844	23/08/2016	174314	9	N	1387.5		25.2	36.1	1.5	37	67	0.29			36.1	1.5	Better value	396081.76	6909047.75	1186.00
1124844	23/08/2016	174338	9	N	1387.5		25.2	34.7	6.7	29	65	0.27	1					396081.91	6909047.68	1186.00
1124844	23/08/2016	174522	9	N	1400		25.2	36.6	4.9	16	68	0.26			36.6	4.9		396089.49	6909056.89	1184.00
1124844	23/08/2016	174606	9	N	1412.5		25.2	33.5	3.8	6	66	0.25			33.5	3.8		396097.75	6909067.23	1181.00
1124844	23/08/2016	174646	9	N	1425		25.2	32.2	5.7	24	69	0.28			32.2	5.7		396103.38	6909076.51	1177.00
1124844	23/08/2016	174726	9	N	1437.5		25.2	29.5	6	21	65	0.26	1					396110.38	6909085.97	1175.00
1124844	23/08/2016	174926	9	N	1437.5		25.2	29	1.9	14	66	0.25			29	1.9	Better fit	396110.68	6909085.79	1175.00
1124844	23/08/2016	174950	9	N	1437.5		25.2	33.4	4.4	25	68	0.27	1					396110.69	6909085.79	1175.00
1124844	23/08/2016	175014	9	N	1437.5		25.2	32.9	1.7	18	68	0.26	1					396110.69	6909085.78	1175.00
8042728	22/08/2016	232746	11	N	0		25.2	-22	-3.1	16	58	3.7	2				Double reading	395478.72	6907843.00	1109.00
8042728	22/08/2016	232806	11	N	0		25.2	-22.6	-2.8	16	56	3.55			-22.6	-2.8		395478.71	6907841.72	1108.00
8042728	22/08/2016	232906	11	N	12.5		25.2	-22.2	-1.7	22	53	3.51			-22.2	-1.7		395484.53	6907852.89	1110.00
8042728	22/08/2016	232946	11	N	25		25.2	-19.7	-1.8	21	55	3.59			-19.7	-1.8		395490.66	6907863.06	1114.00
8042728	22/08/2016	233034	11	N	37.5		25.2	-23.9	-2	26	48	3.35			-23.9	-2		395498.61	6907871.60	1115.00
8042728	22/08/2016	233126	11	N	50		25.2	-27.4	-1.2	63	97	3.51			-27.4	-1.2		395506.62	6907881.70	1121.00
8042728	22/08/2016	233210	11	N	62.5		25.2	-31.2	-1.8	53	109	3.68			-31.2	-1.8		395512.35	6907893.11	1125.00
8042728	22/08/2016	233306	11	N	75		25.2	-31.3	-0.9	53	107	3.62			-31.3	-0.9		395520.95	6907903.82	1123.00
8042728	22/08/2016	233350	11	N	87.5		25.2	-34.4	-1.1	42	106	3.47			-34.4	-1.1		395526.14	6907914.21	1127.00
8042728	22/08/2016	233434	11	N	100		25.2	-31.4	0.4	43	112	3.64			-31.4	0.4		395532.41	6907922.63	1129.00
8042728	22/08/2016	233530	11	N	112.5		25.2	-31.2	0.1	39	115	3.7			-31.2	0.1		395539.64	6907933.31	1132.00
8042728	22/08/2016	233646	11	N	125		25.2	-20.5	7.7	84	103	4.03			-20.5	7.7		395546.92	6907945.59	1133.00
8042728	22/08/2016	233730	11	N	137.5		25.2	-16.8	10	78	96	3.77			-16.8	10		395553.57	6907956.01	1136.00
8042728	22/08/2016	233818	11	N	150		25.2	-19.7	7.7	65	97	3.54			-19.7	7.7		395561.08	6907961.13	1134.00
8042728	22/08/2016	233942	11	N	162.5		25.2	-23.2	6.5	74	87	3.49			-23.2	6.5		395567.64	6907972.16	1136.00
8042728	22/08/2016	234046	11	N	175		25.2	-27.6	5.1	49	108	3.62			-27.6	5.1		395578.34	6907983.14	1140.00
8042728	22/08/2016	234130	11	N	187.5		25.2	-30	4.3	62	103	3.66			-30	4.3		395583.84	6907989.34	1141.00
8042728	22/08/2016	234238	11	N	200		25.2	-31.9	4.1	67	97	3.6			-31.9	4.1		395592.55	6907998.22	1144.00
8042728	22/08/2016	234558	11	N	212.5		25.2	-31.5	5.7	74	98	3.72			-31.5	5.7		395603.20	6908011.24	1143.00
8042728	22/08/2016	234726	11	N	225		25.2	-26.6	9.2	79	87	3.57			-26.6	9.2		395612.67	6908022.64	1143.00
8042728	22/08/2016	234810	11	N	237.5		25.2	-29.7	8.6	65	97	3.56			-29.7	8.6		395613.69	6908029.71	1145.00
8042728	22/08/2016	234914	11	N	250		25.2	-33.9	7.2	53	97	3.35			-33.9	7.2		395620.71	6908038.79	1148.00
8042728	22/08/2016	234958	11	N	262.5		25.2	-35.2	7.2	61	94	3.41			-35.2	7.2		395627.34	6908047.64	1149.00
8042728	22/08/2016	235106	11	N	275		25.2	-40.4	6.5	53	99	3.43			-40.4	6.5		395634.40	6908058.32	1153.00
8042728	22/08/2016	235150	11	N	287.5		25.2	-48.9	3.3	24	103	3.22			-48.9	3.3		395640.86	6908070.32	1154.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	22/08/2016	235250	11	N	300		25.2	-50.1	1.8	45	104	3.44			-50.1	1.8		395646.33	6908080.70	1154.00
8042728	22/08/2016	235334	11	N	312.5		25.2	-54.4	0.3	36	110	3.52			-54.4	0.3		395652.29	6908088.98	1157.00
8042728	22/08/2016	235506	11	N	325	Large Gap between station 325 and station 312.5	25.2	-44.9	5.9	47	112	3.7			-44.9	5.9		395661.78	6908104.41	1159.00
8042728	22/08/2016	235538	11	N	337.5		25.2	-39.8	7.4	48	112	3.7			-39.8	7.4		395667.26	6908111.39	1161.00
8042728	22/08/2016	235642	11	N	350		25.2	-35.5	9.7	93	104	4.24			-35.5	9.7		395673.00	6908119.40	1159.00
8042728	22/08/2016	235742	11	N	362.5		25.2	-37.7	8.4	76	110	4.06			-37.7	8.4		395680.34	6908132.02	1165.00
8042728	22/08/2016	235850	11	N	375		25.2	-35.4	7.7	91	101	4.12			-35.4	7.7		395686.83	6908140.59	1166.00
8042728	22/08/2016	235954	11	N	387.5		25.2	-33.6	7.8	103	97	4.29			-33.6	7.8		395696.07	6908148.32	1167.00
8042728	22/08/2016	42	11	N	400		25.2	-26.7	9.8	73	122	4.3			-26.7	9.8		395707.23	6908158.02	1167.00
8042728	22/08/2016	126	11	N	412.5		25.2	-19.9	12.4	45	53	4.25			-19.9	12.4		395713.64	6908164.69	1168.00
8042728	22/08/2016	230	11	N	425		25.2	-23	9.3	22	61	3.94			-23	9.3		395721.11	6908177.13	1172.00
8042728	22/08/2016	318	11	N	437.5		25.2	-28.1	8.1	23	56	3.7			-28.1	8.1		395725.72	6908187.75	1171.00
8042728	22/08/2016	410	11	N	450		25.2	-25.6	8.3	33	59	4.12			-25.6	8.3		395731.74	6908197.53	1172.00
8042728	22/08/2016	458	11	N	462.5		25.2	-24.8	9.2	41	55	4.15			-24.8	9.2		395739.69	6908209.28	1177.00
8042728	22/08/2016	550	11	N	475		25.2	-26.1	7.4	41	55	4.16			-26.1	7.4		395745.87	6908215.59	1175.00
8042728	22/08/2016	654	11	N	487.5		25.2	-26.2	7.5	28	58	3.94			-26.2	7.5		395753.53	6908227.39	1178.00
8042728	22/08/2016	746	11	N	500		25.2	-24.5	7	34	55	3.95			-24.5	7		395760.62	6908236.95	1177.00
8042728	22/08/2016	830	11	N	512.5		25.2	-23.3	6	43	53	4.18			-23.3	6		395768.89	6908244.87	1179.00
8042728	22/08/2016	926	11	N	525		25.2	-15.8	6.5	37	63	4.44			-15.8	6.5		395776.65	6908256.22	1181.00
8042728	22/08/2016	1010	11	N	537.5		25.2	-8	8	38	63	4.46			-8	8		395784.01	6908265.36	1181.00
8042728	22/08/2016	1050	11	N	550		25.2	3	10.4	41	58	4.35			3	10.4		395789.48	6908275.23	1185.00
8042728	22/08/2016	1146	11	N	562.5		25.2	6.1	9.7	42	53	4.16			6.1	9.7		395797.83	6908288.01	1186.00
8042728	22/08/2016	1234	11	N	575		25.2	5.9	8.3	40	52	4.01			5.9	8.3		395806.23	6908296.76	1185.00
8042728	22/08/2016	1330	11	N	587.5		25.2	2.3	6.7	30	53	3.71			2.3	6.7		395811.63	6908305.95	1189.00
8042728	22/08/2016	1430	11	N	600		25.2	-2.1	5.4	31	53	3.75			-2.1	5.4		395816.57	6908317.01	1190.00
8042728	22/08/2016	1446	11	N	600		25.2	-1.7	5	31	55	3.84	2				Double reading	395816.54	6908317.34	1190.00
8042728	23/08/2016	163222	11	N	612.5		25.2	-5.1	7.3	18	79	0.3			-5.1	7.3		395826.03	6908325.80	1190.00
8042729	23/08/2016	163538	11	N	625		25.2	0.5	9.2	12	84	0.32			0.5	9.2		395833.63	6908335.03	1191.00
8042730	23/08/2016	164158	11	N	637.5		25.2	-6.5	8.9	-10	85	0.32			-6.5	8.9		395848.98	6908359.56	1195.00
8042731	23/08/2016	164242	11	N	650		25.2	-3.7	8.4	-17	86	0.33			-3.7	8.4		395851.52	6908369.07	1197.00
8042732	23/08/2016	164402	11	N	662.5		25.2	-10.9	9.9	-5	83	0.31			-10.9	9.9		395855.75	6908379.74	1200.00
8042733	23/08/2016	164450	11	N	675		25.2	-10.8	9.1	-10	83	0.31			-10.8	9.1		395860.71	6908386.72	1203.00
8042734	23/08/2016	164554	11	N	687.5		25.2	-10.9	8	-7	78	0.29			-10.9	8		395863.51	6908391.49	1200.00
8042735	23/08/2016	164818	11	N	700		25.2	-13.8	11.5	-7	82	0.31			-13.8	11.5		395871.72	6908398.10	1201.00
8042736	23/08/2016	164906	11	N	712.5		25.2	-13.7	10.2	-12	80	0.3			-13.7	10.2		395877.31	6908409.34	1201.00
8042737	23/08/2016	164954	11	N	725		25.2	-13.2	10.6	-8	78	0.29			-13.2	10.6		395884.21	6908419.43	1204.00
8042738	23/08/2016	165122	11	N	737.5		25.2	-20	13.1	-6	81	0.3			-20	13.1		395890.73	6908426.72	1206.00
8042739	23/08/2016	165250	11	N	750		25.2	-13.5	10.8	-24	84	0.33			-13.5	10.8		395900.53	6908433.57	1207.00
8042740	23/08/2016	165406	11	N	762.5		25.2	-15.9	13.2	-12	84	0.32			-15.9	13.2		395906.38	6908442.54	1208.00
8042741	23/08/2016	165506	11	N	775		25.2	-23.6	12.1	-22	87	0.34			-23.6	12.1		395913.95	6908453.43	1209.00
8042742	23/08/2016	165614	11	N	787.5		25.2	-22.4	14	-18	90	0.34			-22.4	14		395918.28	6908464.57	1212.00
8042743	23/08/2016	165710	11	N	800		25.2	-28.6	11.1	-20	91	0.35			-28.6	11.1		395925.34	6908475.31	1213.00
8042744	23/08/2016	165814	11	N	812.5		25.2	-27.3	11.2	-21	88	0.34			-27.3	11.2		395932.14	6908486.80	1215.00
8042745	23/08/2016	165902	11	N	825		25.2	-36.5	12	-1	97	0.37			-36.5	12		395940.30	6908494.72	1213.00
8042746	23/08/2016	170002	11	N	837.5		25.2	-19	20.7	-16	102	0.39			-19	20.7		395945.17	6908505.19	1214.00
8042747	23/08/2016	170102	11	N	850		25.2	-15.2	18.2	0	94	0.35			-15.2	18.2		395953.13	6908515.84	1216.00
8042748	23/08/2016	170202	11	N	862.5		25.2	-17	16.8	-3	99	0.37			-17	16.8		395960.16	6908523.97	1216.00
8042749	23/08/2016	170246	11	N	875		25.2	-12.7	23.1	1	94	0.35			-12.7	23.1		395968.16	6908535.14	1217.00
8042750	23/08/2016	170350	11	N	887.5		25.2	-7	23.3	-1	96	0.36			-7	23.3		395975.68	6908544.79	1218.00
8042751	23/08/2016	170438	11	N	900		25.2	-12.9	14.3	-4	92	0.34			-12.9	14.3		395981.88	6908553.49	1219.00
8042752	23/08/2016	170534	11	N	912.5		25.2	-14	19.9	-1	95	0.36			-14	19.9		395989.80	6908563.61	1220.00
8042753	23/08/2016	170634	11	N	925		25.2	-14.5	20.5	5	98	0.37			-14.5	20.5		395996.89	6908572.98	1218.00
8042754	23/08/2016	170758	11	N	937.5		25.2	-2.9	16.9	-15	107	0.41			-2.9	16.9		396004.57	6908583.43	1220.00
8042755	23/08/2016	170854	11	N	950		25.2	7	21.3	-11	99	0.37			7	21.3		396014.48	6908592.41	1220.00
8042756	23/08/2016	170938	11	N	962.5		25.2	6.3	16.1	-9	102	0.38			6.3	16.1		396019.76	6908603.18	1222.00
8042757	23/08/2016	171018	11	N	975		25.2	4.3	14.9	-9	99	0.37			4.3	14.9		396028.18	6908612.89	1221.00
8042758	23/08/2016	171126	11	N	987.5		25.2	1.6	13.3	-8	96	0.36			1.6	13.3		396037.24	6908625.74	1222.00
8042759	23/08/2016	171214	11	N	1000		25.2	-4.1	14	0	92	0.35			-4.1	14		396042.22	6908633.30	1223.00
8042760	23/08/2016	171254	11	N	1012.5		25.2	-5.5	12.9	18	90	0.34			-5.5	12.9		396049.73	6908641.61	1223.00
8042761	23/08/2016	171358	11	N	1025		25.2	-12.6	8.4	11	94	0.36			-12.6	8.4		396058.63	6908650.82	1223.00
8042762	23/08/2016	171450	11	N	1037.5		25.2	-15.3	9.7	11	98	0.37			-15.3	9.7		396067.08	6908660.08	1223.00
8042763	23/08/2016	171650	11	N	1050		25.2	-16.6	9.2	2	95	0.36			-16.6	9.2		396073.41	6908669.05	1222.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042764	23/08/2016	171802	11	N	1062.5		25.2	-14	2.1	-7	95	0.36			-14	2.1		396078.87	6908682.11	1223.00
8042765	23/08/2016	171942	11	N	1075		25.2	-4.8	3.4	-18	110	0.42			-4.8	3.4		396084.91	6908691.19	1225.00
8042766	23/08/2016	172046	11	N	1087.5		25.2	14.1	6.3	7	107	0.4			14.1	6.3		396095.72	6908703.67	1226.00
8042767	23/08/2016	172154	11	N	1100		25.2	16.2	3.2	27	103	0.4			16.2	3.2		396099.86	6908713.86	1227.00
8042768	23/08/2016	172310	11	N	1112.5		25.2	16.9	4.3	-2	98	0.37			16.9	4.3		396111.89	6908729.65	1227.00
8042769	23/08/2016	172354	11	N	1125		25.2	19.4	4.1	-2	100	0.37			19.4	4.1		396118.18	6908740.75	1227.00
8042770	23/08/2016	172650	11	N	1137.5		25.2	20.5	6.6	-3	95	0.36			20.5	6.6		396120.45	6908748.26	1227.00
8042771	23/08/2016	172802	11	N	1150		25.2	22	5.3	2	92	0.35			22	5.3		396126.00	6908756.74	1227.00
8042772	23/08/2016	172906	11	N	1162.5		25.2	20.9	6.3	-4	92	0.35			20.9	6.3		396133.88	6908766.81	1227.00
8042773	23/08/2016	172946	11	N	1175		25.2	22.8	8.3	-6	93	0.35			22.8	8.3		396139.08	6908775.13	1228.00
8042774	23/08/2016	173042	11	N	1187.5		25.2	20.1	7.8	0	90	0.34			20.1	7.8		396143.51	6908782.47	1227.00
8042775	23/08/2016	173142	11	N	1200		25.2	18.3	11.2	-7	91	0.34			18.3	11.2		396150.87	6908792.17	1228.00
8042776	23/08/2016	173238	11	N	1212.5		25.2	19	6.3	-3	92	0.35			19	6.3		396157.25	6908801.93	1228.00
8042777	23/08/2016	173334	11	N	1225		25.2	20.2	9.7	-3	88	0.33			20.2	9.7		396165.95	6908814.52	1228.00
8042778	23/08/2016	173418	11	N	1237.5		25.2	16.8	10.4	-7	90	0.34			16.8	10.4		396172.59	6908824.94	1230.00
8042779	23/08/2016	173614	11	N	1250		25.2	17.6	12.8	10	95	0.36			17.6	12.8		396181.39	6908836.42	1229.00
8042780	23/08/2016	173710	11	N	1262.5		25.2	19.1	12.6	-7	93	0.35			19.1	12.6		396185.79	6908843.06	1228.00
8042781	23/08/2016	173802	11	N	1275		25.2	17.1	17.2	0	89	0.33			17.1	17.2		396194.48	6908853.84	1224.00
8042782	23/08/2016	173914	11	N	1287.5		25.2	11.9	15	3	93	0.35			11.9	15		396202.78	6908865.27	1220.00
8042783	23/08/2016	173950	11	N	1300		25.2	10.7	12.7	-2	90	0.34			10.7	12.7		396208.93	6908873.93	1218.00
8042784	23/08/2016	174034	11	N	1312.5		25.2	10.4	18.8	-2	90	0.34			10.4	18.8		396216.33	6908882.48	1215.00
8042785	23/08/2016	174126	11	N	1325		25.2	12.3	15.2	-5	91	0.34			12.3	15.2		396223.34	6908892.20	1210.00
8042786	23/08/2016	174226	11	N	1337.5		25.2	12.7	16.6	-2	94	0.35			12.7	16.6		396231.91	6908900.81	1205.00
8042787	23/08/2016	174326	11	N	1350		25.2	9.5	19.3	9	98	0.37			9.5	19.3		396237.46	6908907.88	1201.00
8042788	23/08/2016	174422	11	N	1362.5		25.2	18.2	15.7	0	91	0.34			18.2	15.7		396245.17	6908918.55	1197.00
8042789	23/08/2016	174614	11	N	1375		25.2	9.6	17.6	10	93	0.35			9.6	17.6		396255.11	6908930.33	1193.00
8042790	23/08/2016	174658	11	N	1387.5		25.2	4.3	16.9	1	86	0.32			4.3	16.9		396261.99	6908938.13	1191.00
8042791	23/08/2016	174734	11	N	1400		25.2	6.6	15.2	-1	91	0.34	1					396270.18	6908946.92	1189.00
8042792	23/08/2016	174754	11	N	1400		25.2	5.5	10.2	-7	86	0.32	1					396270.10	6908947.10	1189.00
8042793	23/08/2016	174810	11	N	1400		25.2	8.1	13.2	4	93	0.35			8.1	13.2	Best fit	396270.06	6908947.06	1190.00
8042794	23/08/2016	174854	11	N	1412.5		25.2	13.9	14.9	13	96	0.36			13.9	14.9		396276.54	6908956.25	1188.00
8042795	23/08/2016	174942	11	N	1425		25.2	16	17.3	5	85	0.32			16	17.3		396283.28	6908965.77	1186.00
8042796	23/08/2016	175010	11	N	1437.5		25.2	21.6	16.5	9	87	0.33			21.6	16.5		396290.18	6908974.65	1183.00
8042797	23/08/2016	175046	11	N	1450		25.2	28	12.7	14	87	0.33			28	12.7		396297.53	6908984.82	1181.00
8042798	23/08/2016	175122	11	N	1462.5		25.2	28.6	12	13	87	0.33			28.6	12		396303.81	6908993.78	1178.00
8042799	23/08/2016	175158	11	N	1475		25.2	27	10.9	1	78	0.29			27	10.9		396312.95	6909003.96	1176.00
8042800	23/08/2016	175254	11	N	1487.5		25.2	27.3	7.7	0	73	0.27			27.3	7.7		396319.67	6909016.24	1174.00
8042801	23/08/2016	175358	11	N	1500		25.2	30.6	8.8	4	74	0.28			30.6	8.8		396325.31	6909025.34	1172.00
8042802	23/08/2016	175442	11	N	1512.5		25.2	25.9	10.2	4	73	0.27			25.9	10.2		396332.13	6909035.19	1170.00
8042803	23/08/2016	175542	11	N	1525		25.2	20.8	10.1	8	74	0.28			20.8	10.1		396338.78	6909045.13	1169.00
8042804	23/08/2016	175618	11	N	1537.5		25.2	18.7	12.6	13	80	0.3			18.7	12.6		396346.25	6909056.74	1166.00
8042805	23/08/2016	175702	11	N	1550		25.2	12.9	12.6	6	76	0.29			12.9	12.6		396352.32	6909066.39	1165.00
8042806	23/08/2016	175738	11	N	1562.5		25.2	10.4	13.4	8	77	0.29			10.4	13.4		396361.47	6909078.68	1162.00
8042807	23/08/2016	175842	11	N	1575		25.2	9.3	10.2	11	79	0.3			9.3	10.2		396367.56	6909085.20	1160.00
8042808	23/08/2016	175938	11	N	1587.5		25.2	6.6	17.9	15	77	0.29			6.6	17.9		396374.36	6909095.91	1158.00
8042809	23/08/2016	180014	11	N	1600		25.2	5.5	19.4	13	84	0.32			5.5	19.4		396380.52	6909105.70	1156.00
8042810	23/08/2016	180050	11	N	1612.5		25.2	6.6	19.6	16	81	0.31			6.6	19.6		396388.61	6909117.15	1155.00
8042811	23/08/2016	180130	11	N	1625		25.2	7.2	20.9	14	80	0.31			7.2	20.9		396395.57	6909125.89	1152.00
8042812	23/08/2016	180202	11	N	1637.5		25.2	4.6	21.8	16	89	0.34			4.6	21.8		396402.67	6909136.21	1150.00
8042813	23/08/2016	180238	11	N	1650		25.2	2.3	22.2	17	86	0.33			2.3	22.2		396409.96	6909146.98	1148.00
8042814	23/08/2016	180310	11	N	1662.5		25.2	4.7	23.7	19	89	0.34			4.7	23.7		396417.53	6909156.21	1147.00
8042815	23/08/2016	180346	11	N	1675		25.2	5.4	23.7	21	90	0.35			5.4	23.7		396425.84	6909166.38	1144.00
8042816	23/08/2016	180422	11	N	1687.5		25.2	1.7	22.7	17	89	0.34			1.7	22.7		396435.36	6909178.05	1143.00
8042817	23/08/2016	180454	11	N	1700		25.2	5.5	23.7	13	91	0.35			5.5	23.7		396440.71	6909185.92	1142.00
8042818	23/08/2016	180526	11	N	1712.5		25.2	8.5	24.3	30	98	0.39			8.5	24.3		396447.09	6909194.19	1140.00
8042819	23/08/2016	180558	11	N	1725		25.2	6.1	23.2	15	88	0.34			6.1	23.2		396454.47	6909206.54	1138.00
8042820	23/08/2016	180626	11	N	1737.5		25.2	7.6	20.9	16	90	0.34			7.6	20.9		396461.84	6909216.21	1135.00
8042821	23/08/2016	180702	11	N	1750		25.2	7.8	19	16	94	0.36			7.8	19		396470.28	6909227.41	1133.00
8042822	23/08/2016	180734	11	N	1762.5		25.2	14	19.4	13	90	0.34			14	19.4		396477.60	6909236.85	1130.00
8042823	23/08/2016	180810	11	N	1775		25.2	12	19.7	15	91	0.34			12	19.7		396484.00	6909245.25	1128.00
8042824	23/08/2016	180846	11	N	1787.5		25.2	14.1	18.6	7	88	0.33			14.1	18.6		396491.00	6909256.06	1127.00
8042825	23/08/2016	180910	11	N	1787.5		25.2	13.8	17.6	9	89	0.34	1					396491.03	6909256.52	1127.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042826	23/08/2016	180942	11	N	1800		25.2	17	19.1	17	92	0.35			17	19.1	Best Signal	396497.79	6909266.45	1125.00
8042827	23/08/2016	181018	11	N	1812.5		25.2	15.8	18	22	91	0.35			15.8	18		396505.03	6909275.92	1123.00
8042828	23/08/2016	181054	11	N	1825		25.2	9.3	18.4	12	83	0.31			9.3	18.4		396512.41	6909286.22	1120.00
8042829	23/08/2016	181222	11	N	1837.5		25.2	17.7	18.8	14	89	0.34			17.7	18.8		396518.85	6909294.51	1119.00
8042830	23/08/2016	181302	11	N	1850		25.2	13.1	16.5	13	86	0.33			13.1	16.5		396528.02	6909305.96	1115.00
8042831	23/08/2016	181334	11	N	1862.5		25.2	20.7	17.3	16	89	0.34			20.7	17.3		396535.63	6909316.13	1113.00
8042832	23/08/2016	181406	11	N	1875		25.2	16.6	14.5	12	86	0.32			16.6	14.5		396542.69	6909326.01	1108.00
8042833	23/08/2016	181442	11	N	1887.5		25.2	12.7	13.7	9	88	0.33			12.7	13.7		396549.82	6909334.12	1108.00
8042834	23/08/2016	181534	11	N	1900		25.2	9.9	14.4	12	85	0.32			9.9	14.4		396554.91	6909343.26	1108.00
8042835	23/08/2016	181610	11	N	1912.5		25.2	6	13.6	12	93	0.35			6	13.6	Best Fit	396559.00	6909355.68	1105.00
8042836	23/08/2016	181626	11	N	1912.5		25.2	5.2	12.4	6	90	0.34	1					396558.99	6909355.58	1105.00
1124844	23/08/2016	220110	13	N	0		25.2	-19	1.7	85	93	3.83			-19	1.7	Best fit	395650.49	6907724.93	1064.00
1124844	23/08/2016	220146	13	N	0		25.2	-18.8	1.5	95	83	3.84	1					395650.29	6907724.39	1063.00
1124844	23/08/2016	220034	13	N	12.5		25.2	-16.9	1	79	94	3.73			-16.9	1		395655.67	6907734.92	1068.00
1124844	23/08/2016	215958	13	N	25		25.2	-18.2	0.7	91	90	3.88			-18.2	0.7		395660.61	6907744.74	1070.00
1124844	23/08/2016	215922	13	N	37.5		25.2	-18.2	-1.5	97	67	3.59			-18.2	-1.5		395668.47	6907754.44	1074.00
1124844	23/08/2016	215846	13	N	50		25.2	-19.1	-1.8	99	72	3.72			-19.1	-1.8		395677.21	6907764.28	1074.00
1124844	23/08/2016	215802	13	N	62.5		25.2	-21.9	0.5	91	91	3.89			-21.9	0.5		395685.23	6907777.00	1078.00
1124844	23/08/2016	215702	13	N	75		25.2	-21.9	-0.4	89	74	3.52			-21.9	-0.4		395688.33	6907787.96	1077.00
1124844	23/08/2016	215610	13	N	87.5		25.2	-25.8	-0.1	87	79	3.58			-25.8	-0.1		395695.24	6907796.78	1080.00
1124844	23/08/2016	215454	13	N	100		25.2	-24.5	-1.4	98	65	3.57			-24.5	-1.4		395703.11	6907804.86	1082.00
1124844	23/08/2016	215414	13	N	112.5		25.2	-30.6	0	76	92	3.63			-30.6	0		395708.40	6907817.10	1087.00
1124844	23/08/2016	215330	13	N	125		25.2	-21.2	0	91	82	3.74			-21.2	0		395715.65	6907826.91	1088.00
1124844	23/08/2016	215250	13	N	137.5		25.2	-25.8	1.3	92	79	3.68			-25.8	1.3		395724.20	6907834.91	1087.00
1124844	23/08/2016	215134	13	N	150		25.2	-32.5	-0.1	79	86	3.55			-32.5	-0.1		395731.91	6907844.61	1085.00
1124844	23/08/2016	215054	13	N	162.5		25.2	-36.6	-3.5	95	73	3.64			-36.6	-3.5		395740.79	6907852.36	1085.00
1124844	23/08/2016	215006	13	N	175		25.2	-35.6	-5.3	73	97	3.7			-35.6	-5.3		395751.00	6907859.95	1090.00
1124844	23/08/2016	214934	13	N	187.5		25.2	-39.6	-3.2	67	95	3.54			-39.6	-3.2		395754.61	6907869.11	1096.00
1124844	23/08/2016	214858	13	N	200		25.2	-39.6	-4.1	77	94	3.7			-39.6	-4.1		395759.31	6907878.98	1099.00
1124844	23/08/2016	214822	13	N	212.5		25.2	-46.1	-7.3	49	98	3.33			-46.1	-7.3		395764.86	6907890.63	1102.00
1124844	23/08/2016	214746	13	N	225		25.2	-38.6	-5.5	98	89	4.01			-38.6	-5.5		395767.94	6907901.56	1105.00
1124844	23/08/2016	214658	13	N	237.5		25.2	-40.5	-4.8	76	97	3.75			-40.5	-4.8		395772.55	6907913.11	1109.00
1124844	23/08/2016	214626	13	N	250		25.2	-36.4	0	78	98	3.81			-36.4	0		395778.36	6907923.24	1112.00
1124844	23/08/2016	214542	13	N	262.5		25.2	-30.4	4.8	99	74	3.75			-30.4	4.8		395783.21	6907932.94	1113.00
1124844	23/08/2016	214506	13	N	275		25.2	-28.5	9.3	99	40	3.24			-28.5	9.3		395794.60	6907939.82	1114.00
1124844	23/08/2016	214426	13	N	287.5		25.2	-28	5.7	99	82	3.89			-28	5.7		395798.09	6907950.66	1117.00
1124844	23/08/2016	214346	13	N	300		25.2	-27.1	3.8	99	85	3.96			-27.1	3.8		395804.73	6907961.58	1117.00
1124844	23/08/2016	214302	13	N	312.5		25.2	-31.1	4.3	98	88	4.01			-31.1	4.3		395813.19	6907970.66	1120.00
1124844	23/08/2016	214230	13	N	325		25.2	-31.8	8	99	53	3.41			-31.8	8		395821.20	6907977.88	1120.00
1124844	23/08/2016	214158	13	N	337.5		25.2	-34.7	6.4	97	81	3.84			-34.7	6.4		395828.12	6907989.02	1123.00
1124844	23/08/2016	214118	13	N	350		25.2	-39.1	7.3	99	75	3.77			-39.1	7.3		395835.14	6907997.85	1122.00
1124844	23/08/2016	214030	13	N	362.5		25.2	-38.5	5.8	88	92	3.87			-38.5	5.8		395846.13	6908007.44	1125.00
1124844	23/08/2016	213950	13	N	375		25.2	-41	9.6	83	97	3.89			-41	9.6		395849.47	6908018.12	1126.00
1124844	23/08/2016	213858	13	N	387.5		25.2	-36.4	9.2	98	99	4.23			-36.4	9.2		395855.34	6908029.57	1127.00
1124844	23/08/2016	213822	13	N	400		25.2	-40.2	15.9	99	79	3.85			-40.2	15.9		395863.17	6908039.21	1128.00
1124844	23/08/2016	213734	13	N	412.5		25.2	-33.7	10.9	100	96	4.21			-33.7	10.9		395870.43	6908047.19	1128.00
1124844	23/08/2016	213426	13	N	425		25.2	-51.5	21	99	43	3.27			-51.5	21		395877.00	6908058.22	1129.00
1124844	23/08/2016	213318	13	N	437.5		25.2	-40.6	13.4	84	98	3.94			-40.6	13.4		395886.60	6908067.65	1131.00
1124844	23/08/2016	213158	13	N	450		25.2	-43.4	12.3	98	85	3.94			-43.4	12.3		395891.50	6908076.95	1131.00
1124844	23/08/2016	212818	13	N	462.5		25.2	-43.9	13.2	99	88	4.01			-43.9	13.2		395900.74	6908085.13	1133.00
1124844	23/08/2016	212742	13	N	475		25.2	-37.2	13	92	99	4.1			-37.2	13		395909.77	6908096.34	1134.00
1124844	23/08/2016	212654	13	N	487.5		25.2	-40.2	13.1	93	97	4.07			-40.2	13.1		395915.82	6908107.03	1138.00
1124844	23/08/2016	212558	13	N	500		25.2	-38.2	9.5	99	94	4.14			-38.2	9.5		395921.42	6908116.47	1137.00
1124844	23/08/2016	212506	13	N	512.5		25.2	-36.9	7.6	100	99	4.28			-36.9	7.6		395930.60	6908125.37	1139.00
1124844	23/08/2016	212358	13	N	525		25.2	-48.1	5.2	99	65	3.59			-48.1	5.2		395939.12	6908135.55	1140.00
1124844	23/08/2016	212326	13	N	537.5		25.2	-42.4	-2.3	101	101	4.34			-42.4	-2.3		395948.28	6908145.47	1142.00
1124844	23/08/2016	212246	13	N	550		25.2	-35	-5	101	101	4.34			-35	-5		395954.61	6908156.43	1145.00
1124844	23/08/2016	212030	13	N	562.5		25.2	-27.1	-9.2	101	100	4.32			-27.1	-9.2		395961.46	6908166.74	1148.00
1124844	23/08/2016	211938	13	N	575		25.2	-23.6	-7.5	100	95	4.18			-23.6	-7.5		395969.15	6908177.92	1151.00
1124844	23/08/2016	211726	13	N	587.5		25.2	-11.6	-8.3	99	99	4.24			-11.6	-8.3		395969.56	6908190.04	1154.00
1124844	23/08/2016	211602	13	N	600		25.2	-16.6	-9.4	70	98	3.66			-16.6	-9.4		395977.16	6908198.96	1156.00
1124844	23/08/2016	211522	13	N	612.5		25.2	-11.3	-7	95	92	4.02			-11.3	-7		395983.92	6908209.75	1159.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	23/08/2016	211442	13	N	625		25.2	-13.2	-6.7	97	94	4.1			-13.2	-6.7		395991.11	6908220.32	1161.00
1124844	23/08/2016	211402	13	N	637.5		25.2	-13.6	-3.2	98	87	3.98			-13.6	-3.2		395998.33	6908230.86	1162.00
1124844	23/08/2016	211322	13	N	650		25.2	-8.4	-3.1	97	85	3.92			-8.4	-3.1		396007.41	6908239.72	1164.00
1124844	23/08/2016	211246	13	N	662.5		25.2	-11.1	0.8	91	93	3.95			-11.1	0.8		396012.50	6908251.71	1167.00
1124844	23/08/2016	211214	13	N	675		25.2	-9.4	2.2	98	83	3.89			-9.4	2.2		396018.34	6908261.01	1170.00
1124844	23/08/2016	211110	13	N	687.5		25.2	-10.7	4.3	97	76	3.75			-10.7	4.3		396026.43	6908273.39	1171.00
1124844	23/08/2016	211002	13	N	700		25.2	-14.1	6.9	99	50	3.36			-14.1	6.9		396031.50	6908281.83	1172.00
1124844	23/08/2016	210722	13	N	712.5		25.2	-18.3	7.3	86	82	3.62			-18.3	7.3		396042.45	6908291.45	1175.00
1124844	23/08/2016	210642	13	N	725		25.2	-20.5	7.3	96	65	3.54			-20.5	7.3		396050.15	6908303.53	1177.00
1124844	23/08/2016	210606	13	N	737.5		25.2	-24.8	10.3	86	80	3.59			-24.8	10.3		396058.64	6908313.33	1178.00
1124844	23/08/2016	210522	13	N	750		25.2	-18.5	13.7	95	73	3.64			-18.5	13.7		396064.82	6908323.94	1180.00
1124844	23/08/2016	210402	13	N	762.5		25.2	-21.7	18.2	96	75	3.72			-21.7	18.2	Beter fit	396071.96	6908335.80	1182.00
1124844	23/08/2016	210422	13	N	762.5		25.2	-20.9	17.9	94	69	3.55	1					396071.67	6908335.91	1181.00
1124844	23/08/2016	210318	13	N	775		25.2	-23.9	17.8	75	85	3.46			-23.9	17.8		396081.41	6908343.56	1182.00
1124844	23/08/2016	210242	13	N	787.5		25.2	-33.5	18.4	77	85	3.5			-33.5	18.4		396088.52	6908354.45	1186.00
1124844	23/08/2016	210202	13	N	800		25.2	-38.9	18.3	91	64	3.38			-38.9	18.3		396093.73	6908364.70	1186.00
1124844	23/08/2016	210054	13	N	812.5		25.2	-48.3	18.7	78	84	3.47	1					396102.92	6908375.54	1187.00
1124844	23/08/2016	210110	13	N	812.5		25.2	-47	18.4	87	79	3.57			-47	18.4	Better fit	396102.31	6908375.97	1189.00
1124844	23/08/2016	210018	13	N	825		25.2	-51.2	17.1	88	81	3.64			-51.2	17.1		396107.21	6908387.79	1187.00
1124844	23/08/2016	205942	13	N	837.5		25.2	-57.9	16.8	87	82	3.62			-57.9	16.8		396114.23	6908397.44	1188.00
1124844	23/08/2016	205830	13	N	850		25.2	-63.9	13.3	80	88	3.62			-63.9	13.3		396121.39	6908409.53	1190.00
1124844	23/08/2016	205738	13	N	862.5		25.2	-62.1	8.5	99	90	4.08			-62.1	8.5		396126.72	6908420.91	1192.00
1124844	23/08/2016	205630	13	N	875		25.2	-58.8	12	100	98	4.27			-58.8	12		396135.20	6908430.19	1192.00
1124844	23/08/2016	205534	13	N	887.5		25.2	-79.5	33	100	100	2.15	9					396144.45	6908438.42	1192.00
1124844	23/08/2016	205442	13	N	900		25.2	-61.3	32.1	101	101	2.17			-61.3	32.1		396149.98	6908449.02	1192.00
1124844	23/08/2016	205402	13	N	912.5		25.2	-42	25.6	101	101	2.17			-42	25.6		396156.37	6908461.19	1192.00
1124844	23/08/2016	205322	13	N	925		25.2	-41.4	18.4	101	101	2.17			-41.4	18.4		396163.97	6908471.21	1193.00
1124844	23/08/2016	205214	13	N	937.5		25.2	-31	13.1	79	100	1.94			-31	13.1		396170.03	6908482.74	1195.00
1124844	23/08/2016	205130	13	N	950		25.2	-38.8	8.1	101	101	2.17			-38.8	8.1		396176.55	6908493.68	1196.00
1124844	23/08/2016	205038	13	N	962.5		25.2	-29.9	1.1	101	101	2.17			-29.9	1.1		396185.81	6908501.70	1196.00
1124844	23/08/2016	204954	13	N	975		25.2	-23.7	-3.7	101	101	2.17			-23.7	-3.7		396193.35	6908511.00	1198.00
1124844	23/08/2016	204918	13	N	987.5		25.2	-23	-10.1	101	101	2.17			-23	-10.1		396200.20	6908521.04	1199.00
1124844	23/08/2016	204842	13	N	1000		25.2	-31.6	-14.8	101	101	2.17			-31.6	-14.8		396209.44	6908532.29	1200.00
1124844	23/08/2016	204750	13	N	1012.5		25.2	-23.2	-19.2	101	101	2.17			-23.2	-19.2	Best fit	396213.93	6908540.41	1202.00
1124844	23/08/2016	204810	13	N	1012.5		25.2	-5.2	-21.6	101	101	2.17	2					396213.81	6908539.91	1202.00
1124844	23/08/2016	204702	13	N	1025		25.2	-7.7	-15.1	101	101	2.17			-7.7	-15.1		396219.28	6908549.98	1203.00
1124844	23/08/2016	204622	13	N	1037.5		25.2	18.8	-18.6	101	101	2.17			18.8	-18.6		396227.73	6908562.56	1205.00
1124844	23/08/2016	204514	13	N	1050		25.2	20.7	-20.4	101	101	2.17			20.7	-20.4		396235.49	6908571.96	1206.00
1124844	23/08/2016	204434	13	N	1062.5		25.2	0	-15.8	101	101	2.17			0	-15.8		396243.89	6908580.12	1207.00
1124844	23/08/2016	204346	13	N	1075		25.2	13.9	-16.9	101	101	2.17			13.9	-16.9		396249.57	6908590.63	1208.00
1124844	23/08/2016	204310	13	N	1087.5		25.2	3.1	-16.2	101	101	2.17			3.1	-16.2		396255.73	6908600.93	1209.00
1124844	23/08/2016	204234	13	N	1100		25.2	-1.6	-21.9	101	101	2.17			-1.6	-21.9		396261.59	6908612.23	1209.00
1124844	23/08/2016	204046	13	N	1112.5		25.2	-16.2	-22.2	101	101	2.17			-16.2	-22.2		396269.75	6908622.40	1211.00
1124844	23/08/2016	204010	13	N	1125		25.2	-22.3	-23.7	101	101	2.17			-22.3	-23.7		396277.28	6908630.47	1211.00
1124844	23/08/2016	203938	13	N	1137.5		25.2	-17.5	-23.7	101	101	2.17			-17.5	-23.7		396284.60	6908638.33	1212.00
1124844	23/08/2016	203850	13	N	1150		25.2	-20.7	-16.7	101	101	2.17			-20.7	-16.7		396294.03	6908649.61	1213.00
1124844	23/08/2016	203818	13	N	1162.5		25.2	-10	-20.4	101	101	2.17			-10	-20.4		396298.47	6908659.49	1214.00
1124844	23/08/2016	203742	13	N	1175		25.2	-20.8	-16.6	101	101	2.17			-20.8	-16.6		396306.46	6908670.74	1214.00
1124844	23/08/2016	203706	13	N	1187.5		25.2	-25.4	-17.6	101	101	2.17			-25.4	-17.6		396310.69	6908682.27	1216.00
1124844	23/08/2016	203110	13	N	1200		25.2	-76.5	-26.1	101	101	1.08	9					396316.97	6908689.52	1215.00
1124844	23/08/2016	203034	13	N	1212.5		25.2	-31.5	-24.9	101	101	1.08			-31.5	-24.9		396320.24	6908700.78	1216.00
1124844	23/08/2016	202954	13	N	1225		25.2	-32.1	-17.8	101	101	1.08			-32.1	-17.8		396327.70	6908711.76	1217.00
1124844	23/08/2016	202854	13	N	1237.5		25.2	-75.7	4.3	100	100	0.53	9					396335.90	6908718.85	1215.00
1124844	23/08/2016	202702	13	N	1250		25.2	1.7	10.3	101	101	0.54	9					396343.69	6908729.48	1216.00
1124844	23/08/2016	202610	13	N	1262.5		25.2	0.8	-1.3	33	58	0.25	9					396352.36	6908738.72	1216.00
1124844	23/08/2016	202522	13	N	1275		25.2	-6.1	-3	24	69	0.27			-6.1	-3		396362.98	6908747.91	1215.00
1124844	23/08/2016	202446	13	N	1287.5		25.2	-1.4	-1	10	68	0.26			-1.4	-1		396367.31	6908758.87	1216.00
1124844	23/08/2016	202358	13	N	1300		25.2	-1.1	0.3	21	65	0.26			-1.1	0.3		396371.83	6908770.00	1215.00
1124844	23/08/2016	202310	13	N	1312.5		25.2	3.2	-0.4	32	64	0.27			3.2	-0.4		396379.40	6908779.46	1217.00
1124844	23/08/2016	202234	13	N	1325		25.2	11.3	6	22	66	0.26			11.3	6		396386.76	6908789.95	1218.00
1124844	23/08/2016	202146	13	N	1337.5		25.2	10.3	6.8	29	59	0.25			10.3	6.8		396393.84	6908798.85	1218.00
1124844	23/08/2016	201938	13	N	1350		25.2	-0.3	-0.7	32	49	0.22			-0.3	-0.7		396402.95	6908809.42	1220.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	23/08/2016	201738	13	N	1362.5		25.2	7.5	5.6	30	52	0.22			7.5	5.6		396411.58	6908815.86	1221.00
1124844	23/08/2016	201634	13	N	1375		25.2	5.3	5.1	26	63	0.25			5.3	5.1		396412.82	6908828.08	1217.00
1124844	23/08/2016	201306	13	N	1387.5		25.2	7.2	9.4	30	62	0.26			7.2	9.4		396418.19	6908837.19	1211.00
1124844	23/08/2016	201158	13	N	1400		25.2	3.5	6.1	32	51	0.23			3.5	6.1		396423.84	6908844.73	1208.00
1124844	23/08/2016	201030	13	N	1412.5		25.2	3	7.6	35	54	0.24			3	7.6		396433.09	6908854.95	1204.00
1124844	23/08/2016	200850	13	N	1425		25.2	-0.6	9.1	23	63	0.25			-0.6	9.1		396442.34	6908861.49	1204.00
1124844	23/08/2016	200750	13	N	1437.5		25.2	-2.8	6.9	23	65	0.26			-2.8	6.9		396447.05	6908871.30	1199.00
1124844	23/08/2016	200626	13	N	1450		25.2	-7.1	7.2	-4	66	0.25			-7.1	7.2		396453.32	6908880.49	1196.00
1124844	23/08/2016	200530	13	N	1462.5		25.2	-12	7.7	22	65	0.26			-12	7.7		396459.73	6908890.04	1193.00
1124844	23/08/2016	200446	13	N	1475		25.2	-13.8	4	30	66	0.27			-13.8	4		396465.52	6908899.78	1191.00
1124844	23/08/2016	200406	13	N	1487.5		25.2	3.7	8.1	35	70	0.29			3.7	8.1		396472.92	6908909.18	1188.00
1124844	23/08/2016	200330	13	N	1500		25.2	11.8	10.5	39	65	0.29			11.8	10.5		396479.31	6908920.88	1187.00
1124844	23/08/2016	200238	13	N	1512.5		25.2	16.4	13.6	39	73	0.31			16.4	13.6		396485.75	6908931.48	1186.00
1124844	23/08/2016	200118	13	N	1525		25.2	16.3	12.6	25	72	0.28			16.3	12.6		396493.69	6908940.29	1183.00
1124844	23/08/2016	200030	13	N	1537.5		25.2	9.9	9.1	26	64	0.26			9.9	9.1		396499.90	6908951.61	1181.00
1124844	23/08/2016	195950	13	N	1550		25.2	11.3	8.6	27	63	0.26			11.3	8.6		396506.90	6908961.49	1179.00
1124844	23/08/2016	195906	13	N	1562.5		25.2	11.4	10.6	11	62	0.23			11.4	10.6		396514.15	6908971.42	1176.00
1124844	23/08/2016	195826	13	N	1575		25.2	3.6	11.5	14	64	0.24			3.6	11.5		396521.44	6908980.30	1175.00
1124844	23/08/2016	195742	13	N	1587.5		25.2	3.6	12.2	26	68	0.27			3.6	12.2		396527.47	6908990.53	1174.00
1124844	23/08/2016	195658	13	N	1600		25.2	0	9.8	22	64	0.25			0	9.8		396535.95	6909000.91	1171.00
1124844	23/08/2016	195614	13	N	1612.5		25.2	-5	11.9	15	65	0.25			-5	11.9		396544.86	6909009.75	1170.00
1124844	23/08/2016	195534	13	N	1625		25.2	-5.8	7	22	63	0.25			-5.8	7		396549.37	6909020.45	1167.00
1124844	23/08/2016	195458	13	N	1637.5		25.2	-9.4	6.5	17	71	0.27			-9.4	6.5		396557.64	6909029.62	1165.00
1124844	23/08/2016	195414	13	N	1650		25.2	-8	9.1	18	72	0.28			-8	9.1		396563.56	6909041.23	1163.00
1124844	23/08/2016	195334	13	N	1662.5		25.2	-4.8	10.6	11	67	0.26			-4.8	10.6		396569.92	6909051.42	1160.00
1124844	23/08/2016	195238	13	N	1675		25.2	-1.1	8.3	7	74	0.28			-1.1	8.3		396576.78	6909061.65	1158.00
1124844	23/08/2016	195154	13	N	1687.5		25.2	7.7	8.2	31	72	0.29			7.7	8.2		396582.96	6909072.25	1156.00
1124844	23/08/2016	195110	13	N	1700		25.2	9.8	8.5	13	70	0.27			9.8	8.5		396589.82	6909083.50	1154.00
1124844	23/08/2016	195022	13	N	1712.5		25.2	10.9	5.5	20	69	0.27			10.9	5.5		396595.60	6909093.29	1152.00
1124844	23/08/2016	194942	13	N	1725		25.2	8.5	8	31	72	0.29			8.5	8		396604.26	6909102.32	1150.00
1124844	23/08/2016	194902	13	N	1737.5		25.2	11.7	9.3	18	72	0.28			11.7	9.3		396611.70	6909111.91	1148.00
1124844	23/08/2016	194758	13	N	1750		25.2	14.4	3.6	27	70	0.28			14.4	3.6		396619.71	6909120.80	1144.00
1124844	23/08/2016	194714	13	N	1762.5		25.2	14.3	7	22	69	0.27			14.3	7		396626.87	6909131.22	1142.00
1124844	23/08/2016	194634	13	N	1775		25.2	15.1	6.5	23	66	0.26			15.1	6.5		396633.97	6909140.21	1139.00
1124844	23/08/2016	194546	13	N	1787.5		25.2	12.4	8.1	32	60	0.26			12.4	8.1		396641.49	6909150.54	1137.00
1124844	23/08/2016	194458	13	N	1800		25.2	7.3	2.3	19	69	0.27			7.3	2.3		396649.11	6909159.25	1135.00
1124844	23/08/2016	194410	13	N	1812.5		25.2	7.5	6.2	20	67	0.26			7.5	6.2		396655.11	6909170.69	1133.00
1124844	23/08/2016	193318	13	N	1825		25.2	9.7	5.6	9	62	0.23	2					396663.52	6909180.07	1133.00
1124844	23/08/2016	193638	13	N	1825		25.2	9.6	6	12	64	0.24	2					396664.65	6909178.35	1128.00
1124844	23/08/2016	194042	13	N	1825		25.2	10.4	7.9	22	65	0.26			10.4	7.9	Best Signal	396664.50	6909178.35	1129.00
1124844	23/08/2016	194258	13	N	1825		25.2	10.5	5.7	21	62	0.25	1					396664.19	6909177.99	1130.00
1124844	23/08/2016	193038	13	N	1837.5		25.2	10.9	5.3	5	69	0.26	1					396671.11	6909191.79	1130.00
1124844	23/08/2016	193206	13	N	1837.5		25.2	9.8	3.9	3	67	0.25	9				Data fits better	396670.80	6909191.55	1130.00
1124844	23/08/2016	192942	13	N	1850		25.2	10.4	7.8	15	66	0.25	9					396676.25	6909202.62	1127.00
1124844	23/08/2016	192854	13	N	1862.5		25.2	12.4	8.6	20	64	0.25	9					396683.13	6909213.93	1125.00
1124844	23/08/2016	192810	13	N	1875		25.2	15.7	10	7	63	0.24	9					396688.64	6909222.10	1121.00
1124844	23/08/2016	192654	13	N	1887.5		25.2	14.5	9.2	16	57	0.22	9				Bad Point	396694.16	6909231.69	1117.00
1124844	23/08/2016	192502	13	N	1900		25.2	16.1	11.7	5	60	0.22	1					396702.63	6909242.29	1113.00
8042994	23/08/2016	215554	15	N	0		25.2	-12.2	-3.7	38	62	4.41			-12.2	-3.7		395814.39	6907643.17	1062.00
8042993	23/08/2016	215458	15	N	12.5		25.2	-3.6	-2.7	7	70	4.28			-3.6	-2.7		395820.14	6907656.16	1066.00
8042992	23/08/2016	215418	15	N	25		25.2	-0.9	-4.1	15	67	4.21			-0.9	-4.1		395825.17	6907666.74	1068.00
8042991	23/08/2016	215342	15	N	37.5		25.2	0	-4.5	9	67	4.15			0	-4.5		395832.92	6907675.19	1071.00
8042990	23/08/2016	215254	15	N	50		25.2	-1	-7.1	9	67	4.1			-1	-7.1		395840.18	6907686.20	1074.00
8042989	23/08/2016	215142	15	N	62.5		25.2	-1.6	-4.8	-10	70	4.3			-1.6	-4.8		395843.78	6907697.18	1073.00
8042988	23/08/2016	215054	15	N	75		25.2	-4.3	-7.4	4	65	3.96			-4.3	-7.4		395850.89	6907707.37	1077.00
8042987	23/08/2016	214958	15	N	87.5		25.2	-3.9	-8.4	15	70	4.38			-3.9	-8.4		395856.17	6907714.44	1085.00
8042986	23/08/2016	214926	15	N	100		25.2	-2.6	-7.4	11	69	4.27			-2.6	-7.4		395866.12	6907723.97	1082.00
8042985	23/08/2016	214854	15	N	112.5		25.2	-1.7	-7.5	6	68	4.15			-1.7	-7.5		395871.93	6907730.48	1086.00
8042984	23/08/2016	214826	15	N	125		25.2	-0.8	-6.8	17	66	4.13			-0.8	-6.8		395876.66	6907738.95	1087.00
8042983	23/08/2016	214746	15	N	137.5		25.2	-3.3	-7	2	66	4.05			-3.3	-7		395883.18	6907750.19	1092.00
8042982	23/08/2016	214702	15	N	150		25.2	-8.3	-10.2	14	62	3.89			-8.3	-10.2		395889.50	6907763.61	1095.00
8042981	23/08/2016	214630	15	N	162.5		25.2	-9.4	-9.4	-1	66	4.01			-9.4	-9.4		395894.74	6907769.60	1099.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042980	23/08/2016	214546	15	N	175		25.2	-14.2	-10.8	13	69	4.29			-14.2	-10.8		395900.46	6907780.80	1105.00
8042979	23/08/2016	214506	15	N	187.5		25.2	-14.9	-10.4	15	63	3.95			-14.9	-10.4		395909.52	6907791.49	1102.00
8042976	23/08/2016	214358	15	N	200		25.2	-14.5	-9.5	7	70	4.28			-14.5	-9.5	Bad Signal	395914.48	6907799.74	1103.00
8042977	23/08/2016	214418	15	N	200		25.2	-14.7	-8.9	4	70	4.25	1					395913.92	6907798.61	1105.00
8042978	23/08/2016	214434	15	N	200		25.2	-15.3	-9.2	6	70	4.25	1					395913.83	6907798.78	1104.00
8042975	23/08/2016	214318	15	N	212.5		25.2	-11	-7.5	16	69	4.33			-11	-7.5		395922.95	6907812.65	1107.00
8042974	23/08/2016	214230	15	N	225		25.2	-6.9	-3.4	40	62	4.46			-6.9	-3.4		395929.63	6907824.00	1108.00
8042973	23/08/2016	213846	15	N	237.5		25.2	-6.7	-2	23	64	4.13			-6.7	-2		395940.45	6907832.53	1113.00
8042972	23/08/2016	213750	15	N	250		25.2	-8.1	-2	16	64	4			-8.1	-2		395948.44	6907842.83	1115.00
8042971	23/08/2016	213714	15	N	262.5		25.2	-9.6	-0.7	13	69	4.26			-9.6	-0.7		395956.03	6907854.13	1116.00
8042970	23/08/2016	213634	15	N	275		25.2	-13.8	-0.5	11	66	4.09			-13.8	-0.5		395960.33	6907863.21	1117.00
8042969	23/08/2016	213546	15	N	287.5		25.2	-16.2	-1.5	24	64	4.18			-16.2	-1.5		395969.25	6907872.54	1118.00
8042968	23/08/2016	213506	15	N	300		25.2	-14.6	0.9	20	66	4.19			-14.6	0.9		395975.43	6907879.32	1121.00
8042967	23/08/2016	213422	15	N	312.5		25.2	-13.6	3.7	25	60	3.97			-13.6	3.7		395983.64	6907889.84	1123.00
8042966	23/08/2016	213346	15	N	325		25.2	-17.7	2.7	18	62	3.97			-17.7	2.7		395990.65	6907898.81	1128.00
8042965	23/08/2016	213302	15	N	337.5		25.2	-23.9	2.8	15	61	3.86			-23.9	2.8		395997.23	6907908.58	1129.00
8042964	23/08/2016	213218	15	N	350		25.2	-26.2	2.8	17	63	3.99			-26.2	2.8		396006.49	6907920.93	1136.00
8042963	23/08/2016	213150	15	N	362.5		25.2	-28.2	3.7	15	62	3.92			-28.2	3.7		396012.56	6907930.27	1137.00
8042962	23/08/2016	213114	15	N	375		25.2	-30.5	7.5	2	69	4.2			-30.5	7.5		396017.15	6907939.25	1138.00
8042961	23/08/2016	213030	15	N	387.5		25.2	-28	8.2	13	63	3.9			-28	8.2		396023.64	6907946.58	1142.00
8042960	23/08/2016	212934	15	N	400		25.2	-31.7	10.3	12	62	3.82			-31.7	10.3		396030.71	6907959.53	1143.00
8042959	23/08/2016	212842	15	N	412.5	Beginns to travel off line to the east	25.2	-32.6	9.9	36	54	3.96			-32.6	9.9		396038.65	6907971.61	1145.00
8042958	23/08/2016	212802	15	N	425		25.2	-34.1	10.3	33	62	4.28			-34.1	10.3		396047.58	6907978.45	1145.00
8042957	23/08/2016	212722	15	N	437.5		25.2	-38.2	9.4	40	54	4.12			-38.2	9.4		396059.36	6907985.31	1149.00
8042956	23/08/2016	212650	15	N	450		25.2	-41.7	7.2	45	57	4.44			-41.7	7.2		396067.41	6907991.05	1149.00
8042954	23/08/2016	212602	15	N	462.5		25.2	-47	6.7	15	68	4.22			-47	6.7	Best Signal	396077.45	6907997.56	1154.00
8042955	23/08/2016	212618	15	N	462.5		25.2	-46.1	6.6	17	67	4.2	1					396077.49	6907997.57	1153.00
8042953	23/08/2016	212518	15	N	475		25.2	-50.1	5.1	22	72	4.59			-50.1	5.1		396086.28	6908008.71	1156.00
8042952	23/08/2016	212434	15	N	487.5		25.2	-48.2	2.7	22	83	5.24			-48.2	2.7		396091.20	6908018.69	1158.00
8042951	23/08/2016	212358	15	N	500		25.2	-45.3	4.1	15	82	5.09			-45.3	4.1		396097.28	6908027.11	1159.00
8042950	23/08/2016	212322	15	N	512.5		25.2	-36.3	3.5	16	92	5.7			-36.3	3.5		396105.71	6908036.96	1163.00
8042949	23/08/2016	212242	15	N	525		25.2	-28.3	1.3	31	98	6.25			-28.3	1.3		396109.14	6908045.16	1162.00
8042948	23/08/2016	212158	15	N	537.5		25.2	0.2	1.3	30	106	6.7			0.2	1.3		396117.29	6908057.10	1165.00
8042947	23/08/2016	212114	15	N	550		25.2	16.6	6.1	-54	93	6.55			16.6	6.1		396120.31	6908066.54	1163.00
8042946	23/08/2016	212002	15	N	562.5		25.2	24	3.4	-53	72	5.45			24	3.4		396119.70	6908082.50	1164.00
8042945	23/08/2016	211846	15	N	575	Back on line after traveling off line	25.2	31	-0.3	12	79	4.87			31	-0.3		396119.11	6908091.91	1165.00
8042944	23/08/2016	211750	15	N	587.5		25.2	28.9	-1.8	20	69	4.39			28.9	-1.8		396130.32	6908105.11	1168.00
8042943	23/08/2016	211718	15	N	600		25.2	24.6	-4.8	21	65	4.15			24.6	-4.8		396135.62	6908113.18	1168.00
8042942	23/08/2016	211638	15	N	612.5		25.2	19.7	-5.4	17	60	3.81			19.7	-5.4		396143.32	6908124.53	1168.00
8042941	23/08/2016	211610	15	N	625		25.2	17	-5.9	5	63	3.87			17	-5.9		396148.92	6908130.73	1168.00
8042940	23/08/2016	211510	15	N	637.5		25.2	11.1	-6.3	9	61	3.75			11.1	-6.3		396155.80	6908146.86	1172.00
8042939	23/08/2016	211438	15	N	650		25.2	2.6	-7.5	17	54	3.46			2.6	-7.5		396161.19	6908155.50	1172.00
8042938	23/08/2016	211338	15	N	662.5		25.2	-2.8	-8.2	12	58	3.61			-2.8	-8.2		396168.33	6908164.91	1173.00
8042937	23/08/2016	211306	15	N	675		25.2	-6.7	-6.8	8	59	3.64			-6.7	-6.8		396173.71	6908174.79	1172.00
8042936	23/08/2016	211222	15	N	687.5		25.2	-9.6	-4.8	11	61	3.76			-9.6	-4.8		396182.46	6908186.76	1173.00
8042935	23/08/2016	211134	15	N	700		25.2	-18.4	0.9	10	57	3.51			-18.4	0.9		396188.97	6908196.92	1174.00
8042933	23/08/2016	211030	15	N	712.5		25.2	-15.7	3.3	19	54	3.48	1					396193.61	6908203.06	1175.00
8042934	23/08/2016	211046	15	N	712.5		25.2	-16.1	3.7	14	58	3.63			-16.1	3.7	Doupplicate	396193.18	6908203.16	1175.00
8042932	23/08/2016	210742	15	N	725		25.2	-19.9	2	20	56	3.61			-19.9	2		396203.95	6908216.31	1176.00
8042931	23/08/2016	210654	15	N	737.5		25.2	-28.1	2.8	15	54	3.44			-28.1	2.8		396212.97	6908227.10	1178.00
8042930	23/08/2016	210618	15	N	750		25.2	-33.4	0.6	28	54	3.68			-33.4	0.6		396219.37	6908237.66	1179.00
8042929	23/08/2016	210526	15	N	762.5		25.2	-36.2	1.4	3	59	3.57			-36.2	1.4		396225.31	6908245.75	1178.00
8042928	23/08/2016	210446	15	N	775		25.2	-43.7	0.3	17	58	3.72			-43.7	0.3		396231.64	6908256.27	1177.00
8042927	23/08/2016	210406	15	N	787.5		25.2	-46.7	1	18	65	4.13			-46.7	1		396240.90	6908267.65	1178.00
8042926	23/08/2016	210326	15	N	800		25.2	-48.3	2.7	15	66	4.13			-48.3	2.7		396246.19	6908275.83	1178.00
8042925	23/08/2016	210238	15	N	812.5		25.2	-37.1	8	10	68	4.21			-37.1	8		396254.37	6908285.14	1178.00
8042924	23/08/2016	210158	15	N	825		25.2	-29.8	11.5	15	71	4.45			-29.8	11.5		396260.95	6908293.51	1179.00
8042923	23/08/2016	210114	15	N	837.5		25.2	-30.9	10.7	14	70	4.37			-30.9	10.7		396269.16	6908307.53	1177.00
8042922	23/08/2016	210038	15	N	850		25.2	-33.6	9.8	9	73	4.46			-33.6	9.8		396276.77	6908314.35	1178.00
8042921	23/08/2016	205930	15	N	862.5		25.2	-30.6	9.4	15	77	4.78			-30.6	9.4		396284.14	6908327.51	1179.00
8042920	23/08/2016	205830	15	N	875		25.2	-29.3	10.2	15	73	4.57			-29.3	10.2		396289.88	6908337.40	1180.00
8042919	23/08/2016	205750	15	N	887.5		25.2	-30.1	9.3	19	75	4.74			-30.1	9.3		396297.04	6908349.08	1182.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042918	23/08/2016	205714	15	N	900		25.2	-28.1	7.6	7	81	4.93			-28.1	7.6		396303.08	6908357.57	1183.00
8042917	23/08/2016	205622	15	N	912.5		25.2	-23.7	3.9	20	80	5			-23.7	3.9		396311.39	6908365.37	1184.00
8042916	23/08/2016	205534	15	N	925		25.2	-19.8	2	9	82	5.05			-19.8	2		396317.36	6908371.46	1185.00
8042915	23/08/2016	205458	15	N	937.5		25.2	-14.4	-2	25	86	5.45			-14.4	-2		396322.51	6908381.20	1186.00
8042914	23/08/2016	205422	15	N	950		25.2	-4.7	-6.5	26	85	5.39			-4.7	-6.5		396331.83	6908394.85	1187.00
8042913	23/08/2016	205338	15	N	962.5		25.2	3.6	-9.7	26	83	5.32			3.6	-9.7		396339.72	6908406.80	1189.00
8042912	23/08/2016	205250	15	N	975		25.2	12	-12.6	30	83	5.41			12	-12.6		396346.18	6908417.51	1192.00
8042911	23/08/2016	204834	15	N	987.5		25.2	26.7	-15.7	29	80	5.19			26.7	-15.7		396357.83	6908434.33	1192.00
8042910	23/08/2016	204802	15	N	1000		25.2	30.6	-17.3	24	77	4.94			30.6	-17.3		396365.49	6908445.15	1194.00
8042909	23/08/2016	204710	15	N	1012.5		25.2	30.6	-17.9	31	65	4.41			30.6	-17.9		396375.22	6908458.76	1196.00
8042908	23/08/2016	204634	15	N	1025		25.2	31.9	-17.4	34	70	4.72			31.9	-17.4		396379.37	6908464.57	1197.00
8042907	23/08/2016	204458	15	N	1037.5		25.2	28.4	-16.9	23	58	3.81			28.4	-16.9		396385.16	6908472.41	1196.00
8042906	23/08/2016	204406	15	N	1050		25.2	25.6	-17	24	64	4.2			25.6	-17		396390.49	6908482.46	1197.00
8042905	23/08/2016	204314	15	N	1062.5		25.2	20.9	-17.6	24	65	4.23			20.9	-17.6		396399.65	6908494.24	1199.00
8042904	23/08/2016	204234	15	N	1075		25.2	17.8	-18.7	20	67	4.25			17.8	-18.7		396407.10	6908505.95	1200.00
8042902	23/08/2016	204042	15	N	1087.5		25.2	13.5	-19.6	24	63	4.12			13.5	-19.6	Best Signal	396411.66	6908513.28	1201.00
8042903	23/08/2016	204058	15	N	1087.5		25.2	14.2	-19.5	18	63	3.99	1					396411.51	6908511.65	1202.00
8042901	23/08/2016	203950	15	N	1100		25.2	10.7	-19	24	61	3.99			10.7	-19		396419.20	6908524.35	1201.00
8042900	23/08/2016	203902	15	N	1112.5		25.2	10.1	-17.1	21	65	4.15			10.1	-17.1		396426.09	6908534.24	1202.00
8042899	23/08/2016	203822	15	N	1125		25.2	9.9	-14	20	62	3.99			9.9	-14		396434.09	6908547.21	1205.00
8042898	23/08/2016	203746	15	N	1137.5		25.2	9.4	-13.7	12	65	4.03			9.4	-13.7		396440.23	6908554.22	1205.00
8042897	23/08/2016	203638	15	N	1150		25.2	8.7	-13.7	21	62	4.01			8.7	-13.7		396447.62	6908565.71	1205.00
8042896	23/08/2016	203554	15	N	1162.5		25.2	8.1	-12.8	13	65	4.05			8.1	-12.8		396455.68	6908576.04	1207.00
8042895	23/08/2016	203514	15	N	1175		25.2	6	-12.7	20	62	3.97			6	-12.7		396462.06	6908584.41	1208.00
8042894	23/08/2016	203402	15	N	1187.5		25.2	6.3	-11.5	28	60	4.03			6.3	-11.5		396466.77	6908592.98	1208.00
8042893	23/08/2016	203322	15	N	1200		25.2	3.7	-12	24	61	4.01			3.7	-12		396473.96	6908603.79	1207.00
8042892	23/08/2016	203238	15	N	1212.5		25.2	2.3	-11.9	53	122	4.04			2.3	-11.9		396481.60	6908615.04	1208.00
8042891	23/08/2016	203202	15	N	1225		25.2	12.7	-21.6	99	127	2.44	9				Station down for maintenance	396487.98	6908624.34	1210.00
8042890	23/08/2016	203102	15	N	1237.5		25.2	30	-37.1	127	127	1.36	9				Station down for maintenance	396496.85	6908634.65	1211.00
8042889	23/08/2016	203026	15	N	1250		25.2	61	-67.8	127	127	0.68	9				Station down for maintenance	396500.53	6908643.51	1210.00
8042888	23/08/2016	202554	15	N	1262.5		25.2	-3.6	-18.4	-2	90	0.34			-3.6	-18.4	Station down for maintenance	396510.18	6908655.14	1208.00
8042887	23/08/2016	202506	15	N	1275		25.2	-1.2	-18.9	2	87	0.32			-1.2	-18.9	Station down for maintenance	396515.79	6908664.39	1210.00
8042886	23/08/2016	202410	15	N	1287.5		25.2	5.1	-16	8	82	0.31			5.1	-16	Station down for maintenance	396522.97	6908674.78	1210.00
8042885	23/08/2016	202322	15	N	1300		25.2	0.5	-15.2	2	82	0.31			0.5	-15.2	Station down for maintenance	396530.44	6908686.57	1211.00
8042884	23/08/2016	202234	15	N	1312.5		25.2	1.7	-11.6	-6	84	0.32			1.7	-11.6	Station down for maintenance	396535.91	6908695.41	1211.00
8042883	23/08/2016	202150	15	N	1325		25.2	4.7	-15.1	-9	87	0.33			4.7	-15.1	Station down for maintenance	396540.86	6908703.45	1211.00
8042882	23/08/2016	202058	15	N	1337.5		25.2	2.8	-13.8	-8	86	0.32			2.8	-13.8	Station down for maintenance	396547.35	6908712.81	1211.00
8042881	23/08/2016	201958	15	N	1350		25.2	4.1	-7.8	-6	84	0.32			4.1	-7.8	Station down for maintenance	396552.45	6908719.55	1211.00
8042880	23/08/2016	201814	15	N	1362.5		25.2	5.5	-11.6	8	79	0.3			5.5	-11.6	Station down for maintenance	396561.68	6908731.79	1210.00
8042879	23/08/2016	201710	15	N	1375		25.2	0.9	-11.5	-2	78	0.29			0.9	-11.5	Station down for maintenance	396570.64	6908746.07	1209.00
8042878	23/08/2016	201554	15	N	1387.5		25.2	-2	-5.9	4	76	0.29			-2	-5.9	Station down for maintenance	396579.20	6908756.12	1207.00
8042877	23/08/2016	201458	15	N	1400		25.2	-0.2	-5.5	4	76	0.28			-0.2	-5.5	Station down for maintenance	396587.34	6908764.79	1206.00
8042876	23/08/2016	201406	15	N	1412.5		25.2	-0.1	-3.3	-21	79	0.31			-0.1	-3.3	Station down for maintenance	396591.88	6908773.52	1206.00
8042875	23/08/2016	201258	15	N	1425		25.2	-2.2	-5	11	79	0.3			-2.2	-5	Station down for maintenance	396597.01	6908781.92	1205.00
8042874	23/08/2016	201150	15	N	1437.5		25.2	-5.4	1.4	-17	75	0.29			-5.4	1.4	Station down for maintenance	396605.59	6908796.33	1203.00
8042873	23/08/2016	201026	15	N	1450		25.2	-4.9	5.7	-7	76	0.29			-4.9	5.7	Station down for maintenance	396613.36	6908806.78	1201.00
8042872	23/08/2016	200930	15	N	1462.5		25.2	-8.3	6	-9	76	0.29			-8.3	6	Station down for maintenance	396617.51	6908813.47	1201.00
8042871	23/08/2016	200806	15	N	1475		25.2	-7.7	6.5	-1	76	0.28			-7.7	6.5	Station down for maintenance	396623.52	6908822.84	1199.00
8042870	23/08/2016	200718	15	N	1487.5		25.2	-10.6	4.8	-10	79	0.3			-10.6	4.8	Station down for maintenance	396630.29	6908833.36	1197.00
8042869	23/08/2016	200526	15	N	1500		25.2	-15.9	1.3	-12	77	0.29			-15.9	1.3	Station down for maintenance	396640.08	6908848.36	1196.00
8042868	23/08/2016	200414	15	N	1512.5		25.2	-24.3	-4.4	-6	85	0.32			-24.3	-4.4	Station down for maintenance	396648.34	6908859.14	1194.00
8042867	23/08/2016	200322	15	N	1525		25.2	-19.1	-3.4	-5	90	0.34			-19.1	-3.4	Station down for maintenance	396653.37	6908867.03	1192.00
8042866	23/08/2016	200210	15	N	1537.5		25.2	-8.3	-4.3	-5	91	0.34			-8.3	-4.3	Station down for maintenance	396660.59	6908877.77	1192.00
8042865	23/08/2016	200050	15	N	1550		25.2	-10.5	-8.3	13	94	0.35			-10.5	-8.3	Station down for maintenance	396668.35	6908888.73	1190.00
8042864	23/08/2016	195926	15	N	1562.5		25.2	-3.9	-9.6	-5	98	0.37			-3.9	-9.6	Station down for maintenance	396675.83	6908901.21	1187.00
8042863	23/08/2016	195822	15	N	1575		25.2	7.3	-9.7	4	98	0.37			7.3	-9.7	Station down for maintenance	396681.13	6908909.67	1186.00
8042862	23/08/2016	195726	15	N	1587.5		25.2	9.7	-11.6	-3	89	0.34			9.7	-11.6	Station down for maintenance	396687.91	6908918.85	1183.00
8042861	23/08/2016	195614	15	N	1600		25.2	10.7	-11.1	1	90	0.34			10.7	-11.1	Station down for maintenance	396694.86	6908928.56	1182.00
8042860	23/08/2016	195450	15	N	1612.5		25.2	10.8	-17.2	15	89	0.34			10.8	-17.2	Station down for maintenance	396703.43	6908938.77	1179.00
8042859	23/08/2016	195338	15	N	1625		25.2	13.3	-18.9	11	93	0.35			13.3	-18.9	Station down for maintenance	396711.47	6908948.27	1177.00
8042858	23/08/2016	195242	15	N	1637.5		25.2	0.4	-18.9	7	88	0.33			0.4	-18.9	Station down for maintenance	396718.91	6908959.04	1176.00
8042857	23/08/2016	195158	15	N	1650		25.2	13.3	-16.5	18	92	0.35			13.3	-16.5	Station down for maintenance	396725.40	6908969.13	1174.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z	
8042856	23/08/2016	195058	15	N	1662.5		25.2	5.3	-9.1	8	88	0.33			5.3	-9.1	Station down for maintenance	396732.19	6908979.65	1174.00	
8042855	23/08/2016	194954	15	N	1675		25.2	8.2	-15.2	12	89	0.34			8.2	-15.2	Station down for maintenance	396739.32	6908989.26	1171.00	
8042854	23/08/2016	194850	15	N	1687.5		25.2	10.5	-15.3	-3	85	0.32			10.5	-15.3	Station down for maintenance	396746.08	6908999.14	1167.00	
8042853	23/08/2016	194758	15	N	1700		25.2	11.9	-15.4	2	84	0.31			11.9	-15.4	Station down for maintenance	396750.30	6909007.22	1165.00	
8042852	23/08/2016	194654	15	N	1712.5		25.2	8.7	-9.3	-2	82	0.31			8.7	-9.3	Station down for maintenance	396757.56	6909016.72	1164.00	
8042851	23/08/2016	194546	15	N	1725		25.2	5.1	-13.2	0	81	0.31			5.1	-13.2	Station down for maintenance	396763.67	6909027.01	1162.00	
8042850	23/08/2016	194458	15	N	1737.5		25.2	4.4	-8.5	10	85	0.32			4.4	-8.5	Station down for maintenance	396768.80	6909035.59	1161.00	
8042849	23/08/2016	194330	15	N	1750		25.2	1.8	-10.3	4	82	0.31			1.8	-10.3	Station down for maintenance	396777.77	6909049.63	1161.00	
8042848	23/08/2016	194234	15	N	1762.5		25.2	-1.5	-12.3	8	82	0.31			-1.5	-12.3	Station down for maintenance	396786.44	6909061.37	1156.00	
8042847	23/08/2016	194130	15	N	1775		25.2	-1.6	-11.3	12	83	0.32			-1.6	-11.3	Station down for maintenance	396792.32	6909068.15	1156.00	
8042846	23/08/2016	193914	15	N	1787.5		25.2	0.8	-10.4	10	82	0.31			0.8	-10.4	Station down for maintenance	396800.65	6909078.79	1154.00	
8042845	23/08/2016	193830	15	N	1800		25.2	4.9	-10.8	12	85	0.32			4.9	-10.8	Station down for maintenance	396805.33	6909087.54	1151.00	
8042844	23/08/2016	193614	15	N	1812.5		25.2	8.6	-12.6	13	83	0.31			8.6	-12.6	Station down for maintenance	396811.92	6909098.91	1152.00	
8042843	23/08/2016	193350	15	N	1825		25.2	5.3	-11	4	80	0.3			5.3	-11	Station down for maintenance	396820.07	6909109.91	1151.00	
8042841	23/08/2016	193214	15	N	1837.5		25.2	8.7	-9.9	2	83	0.31			8.7	-9.9	Station down for maintenance	396826.23	6909119.45	1149.00	
8042842	23/08/2016	193230	15	N	1837.5		25.2	1.4	-8.1	-1	78	0.29	1				Station down for maintenance	396826.18	6909119.46	1148.00	
8042840	23/08/2016	193034	15	N	1850		25.2	2.7	-8.6	3	81	0.3			2.7	-8.6	Station down for maintenance	396832.97	6909129.25	1148.00	
8042839	23/08/2016	192934	15	N	1862.5		25.2	1.9	-8.9	7	83	0.31			1.9	-8.9	Station down for maintenance	396840.55	6909138.88	1146.00	
8042837	23/08/2016	192742	15	N	1875		25.2	-0.2	-8.9	8	82	0.31			-0.2	-8.9	Station down for maintenance	396847.85	6909150.06	1144.00	
8042838	23/08/2016	192758	15	N	1875		25.2	2.7	-9.3	3	81	0.3	1				Station down for maintenance	396847.84	6909150.41	1144.00	
1124844	28/08/2016	191838	17	N	0		25.2	-29.8	5.8	42	90	3.01			-29.8	5.8		395978.11	6907529.37	1067	
1124844	28/08/2016	191858	17	N	0		25.2	-32.8	6.7	41	89	2.99	1					Station down for maintenance	395978.25	6907529.05	1066
1124844	28/08/2016	191754	17	N	12.5		25.2	-31.4	4.3	47	92	3.16			-31.4	4.3		395983.83	6907540.72	1069	
1124844	28/08/2016	191714	17	N	25		25.2	-29.1	2.1	30	93	2.98			-29.1	2.1		395990.96	6907551.04	1070	
1124844	28/08/2016	191642	17	N	37.5		25.2	-26.5	1	59	84	3.13			-26.5	1		395996.93	6907562.04	1073	
1124844	28/08/2016	191610	17	N	50		25.2	-29.2	-0.1	61	84	3.15			-29.2	-0.1		396005.74	6907571.3	1076	
1124844	28/08/2016	191530	17	N	62.5		25.2	-27	-2	62	89	3.29			-27	-2		396013.97	6907578.82	1078	
1124844	28/08/2016	191446	17	N	75		25.2	-24.7	-5	36	95	3.08			-24.7	-5		396017.67	6907590.88	1081	
1124844	28/08/2016	191414	17	N	87.5		25.2	-18	-6.3	58	90	3.25			-18	-6.3		396025.76	6907600.94	1083	
1124844	28/08/2016	191346	17	N	100		25.2	-17.9	-5.5	60	88	3.23			-17.9	-5.5		396031.69	6907610.06	1084	
1124844	28/08/2016	191222	17	N	112.5		25.2	-15.1	-6.9	70	84	3.32			-15.1	-6.9		396040.89	6907621.21	1091	
1124844	28/08/2016	191046	17	N	125		25.2	-13.9	-7.6	65	91	3.4			-13.9	-7.6		396049.96	6907624.64	1091	
1124844	28/08/2016	190954	17	N	137.5		25.2	-8.1	-7	56	91	3.26			-8.1	-7		396056.39	6907635.86	1095	
1124844	28/08/2016	190906	17	N	150		25.2	-5.5	-7.4	55	94	3.32			-5.5	-7.4		396062.59	6907644.44	1097	
1124844	28/08/2016	190826	17	N	162.5		25.2	-3.6	-5	67	86	3.32			-3.6	-5		396068.63	6907654.82	1099	
1124844	28/08/2016	190746	17	N	175		25.2	-1.4	-5.1	54	92	3.26			-1.4	-5.1		396076.34	6907665.63	1102	
1124844	28/08/2016	190714	17	N	187.5		25.2	0	-3.8	61	84	3.16			0	-3.8		396084.25	6907675.37	1105	
1124844	28/08/2016	190630	17	N	200		25.2	-0.1	-3.2	35	90	2.93			-0.1	-3.2		396089.31	6907688.19	1108	
1124844	28/08/2016	190542	17	N	212.5		25.2	1.5	-0.8	49	82	2.91			1.5	-0.8		396098.79	6907696.94	1110	
1124844	28/08/2016	190506	17	N	225		25.2	-0.7	0.7	42	81	2.78			-0.7	0.7		396104.97	6907705.79	1111	
1124844	28/08/2016	190434	17	N	237.5		25.2	-4	0.9	40	82	2.78			-4	0.9		396110.06	6907717.23	1114	
1124844	28/08/2016	190354	17	N	250		25.2	-10.1	1.5	43	74	2.61			-10.1	1.5		396114.1	6907730.96	1118	
1124844	28/08/2016	190322	17	N	262.5		25.2	-16.3	0.8	45	71	2.57			-16.3	0.8		396122.96	6907738.29	1120	
1124844	28/08/2016	190250	17	N	275		25.2	-20.7	-0.4	55	63	2.56			-20.7	-0.4		396132.35	6907747.37	1123	
1124844	28/08/2016	190222	17	N	287.5		25.2	-24.4	-1	50	74	2.72			-24.4	-1		396141.55	6907754.43	1123	
1124844	28/08/2016	190138	17	N	300		25.2	-21.5	1.8	60	70	2.81			-21.5	1.8		396150.25	6907760.71	1126	
1124844	28/08/2016	190102	17	N	312.5		25.2	-31	0.9	36	76	2.56			-31	0.9		396156.23	6907770.92	1128	
1124844	28/08/2016	185922	17	N	325		25.2	-37.5	-0.7	39	76	2.6			-37.5	-0.7		396161.51	6907783.87	1131	
1124844	28/08/2016	185842	17	N	337.5		25.2	-36.4	0.9	45	78	2.74			-36.4	0.9		396167.85	6907792.32	1132	
1124844	28/08/2016	185806	17	N	350		25.2	-39.4	2	52	75	2.76			-39.4	2		396176.54	6907801.39	1137	
1124844	28/08/2016	185734	17	N	362.5		25.2	-32	4.3	45	86	2.94			-32	4.3		396181.63	6907810	1143	
1124844	28/08/2016	185634	17	N	375		25.2	-25.8	13	39	83	2.78			-25.8	13		396189.73	6907819.98	1141	
1124844	28/08/2016	185534	17	N	387.5		25.2	-30.8	14.1	59	67	2.72			-30.8	14.1		396193.1	6907832.12	1148	
1124844	28/08/2016	185450	17	N	400		25.2	-36.7	10.1	49	75	2.73			-36.7	10.1		396197.55	6907844.68	1153	
1124844	28/08/2016	185406	17	N	412.5		25.2	-38	9.3	32	81	2.64			-38	9.3		396204.7	6907850.69	1156	
1124844	28/08/2016	185330	17	N	425		25.2	-45.4	11.8	44	74	2.63			-45.4	11.8		396211.74	6907861.4	1160	
1124844	28/08/2016	185254	17	N	437.5		25.2	-48.7	10.5	33	79	2.59			-48.7	10.5		396220.81	6907869.88	1166	
1124844	28/08/2016	185210	17	N	450		25.2	-50.7	9	24	85	2.69			-50.7	9		396226.01	6907878.6	1167	
1124844	28/08/2016	185134	17	N	462.5		25.2	-55.8	10	45	79	2.75			-55.8	10		396232.63	6907889.8	1173	
1124844	28/08/2016	185046	17	N	475		25.2	-62.1	10.7	51	74	2.73			-62.1	10.7		396240.7	6907899.5	1175	
1124844	28/08/2016	185010	17	N	487.5		25.2	-67.2	8.1	40	83	2.79			-67.2	8.1		396248.85	6907909.1	1180	
1124844	28/08/2016	184922	17	N	500		25.2	-73	10.3	39	84	2.82			-73	10.3		396254.33	6907916.49	1183	

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	28/08/2016	184754	17	N	512.5		25.2	-62.7	14.2	58	94	3.37			-62.7	14.2		396260.21	6907927.69	1186
1124844	28/08/2016	184710	17	N	525		25.2	-72.5	12	43	95	3.18			-72.5	12		396267.47	6907937.7	1190
1124844	28/08/2016	184530	17	N	537.5		25.2	-66.6	6.1	74	97	3.71			-66.6	6.1		396273.58	6907949.04	1192
1124844	28/08/2016	184502	17	N	550		25.2	-39.9	7.5	91	98	4.06			-39.9	7.5		396281.47	6907960.03	1195
1124844	28/08/2016	184414	17	N	562.5		25.2	-26.8	12.4	48	98	3.3			-26.8	12.4		396289.04	6907966.35	1199
1124844	28/08/2016	184054	17	N	575		25.2	11.1	11.6	31	98	3.11			11.1	11.6		396297.58	6907978.89	1200
1124844	28/08/2016	184018	17	N	587.5		25.2	16.5	7.7	61	98	3.5			16.5	7.7		396303.67	6907989.38	1201
1124844	28/08/2016	183942	17	N	600		25.2	9.5	5.3	55	97	3.39			9.5	5.3		396306.6	6908002.17	1203
1124844	28/08/2016	183910	17	N	612.5		25.2	2.9	3.1	60	92	3.35			2.9	3.1		396315.38	6908011.09	1204
1124844	28/08/2016	183838	17	N	625		25.2	1.8	0.9	75	88	3.5			1.8	0.9		396322.92	6908022.4	1205
1124844	28/08/2016	183810	17	N	637.5		25.2	-4	1.6	86	72	3.41			-4	1.6		396331.55	6908030.16	1205
1124844	28/08/2016	183738	17	N	650		25.2	-6.7	0	65	85	3.24			-6.7	0		396339.12	6908040.69	1206
1124844	28/08/2016	183506	17	N	662.5		25.2	-13.3	-1.1	27	96	3.04			-13.3	-1.1		396347.47	6908047.25	1205
1124844	28/08/2016	183410	17	N	675		25.2	-22	-0.5	55	88	3.16			-22	-0.5		396352.93	6908061.16	1205
1124844	28/08/2016	183338	17	N	687.5		25.2	-24.3	-3.8	53	92	3.22			-24.3	-3.8		396361.77	6908072.25	1205
1124844	28/08/2016	183254	17	N	700		25.2	-22.6	0.5	46	97	3.27			-22.6	0.5		396370.6	6908079.47	1205
1124844	28/08/2016	183214	17	N	712.5		25.2	0.8	8.8	35	97	3.12			0.8	8.8		396376.48	6908091.16	1204
1124844	28/08/2016	183118	17	N	725		25.2	-2.8	11.5	27	96	3.05			-2.8	11.5		396383.42	6908103.7	1204
1124844	28/08/2016	183018	17	N	737.5		25.2	-1.7	10.8	51	94	3.24			-1.7	10.8		396389.5	6908114.52	1203
1124844	28/08/2016	182946	17	N	750		25.2	-1.7	13.3	54	87	3.13			-1.7	13.3		396397.28	6908124.72	1203
1124844	28/08/2016	182822	17	N	762.5		25.2	-0.8	12.1	48	88	3.05			-0.8	12.1		396405.53	6908134.83	1203
1124844	28/08/2016	182746	17	N	775		25.2	-12.7	10	41	89	2.97			-12.7	10		396412.76	6908144.62	1202
1124844	28/08/2016	182542	17	N	787.5		25.2	-16.9	12.3	51	78	2.83			-16.9	12.3		396419.61	6908156.96	1202
1124844	28/08/2016	182502	17	N	800		25.2	-13.8	12.1	44	90	3.04			-13.8	12.1		396426.13	6908167.63	1202
1124844	28/08/2016	182430	17	N	812.5		25.2	-13.4	15.3	46	83	2.89			-13.4	15.3		396434.55	6908178.75	1202
1124844	28/08/2016	182358	17	N	825		25.2	-14.5	16	51	89	3.14			-14.5	16		396441.43	6908189.22	1202
1124844	28/08/2016	182318	17	N	837.5		25.2	-18.8	18.5	50	83	2.95			-18.8	18.5		396449.94	6908200.26	1202
1124844	28/08/2016	182238	17	N	850		25.2	-19.8	17.2	58	86	3.14			-19.8	17.2		396457.22	6908211.37	1202
1124844	28/08/2016	182202	17	N	862.5		25.2	-23.6	17.7	41	89	2.98			-23.6	17.7		396464.67	6908221.22	1202
1124844	28/08/2016	182014	17	N	875		25.2	-28.6	19	55	79	2.93			-28.6	19		396472.59	6908231.11	1202
1124844	28/08/2016	181930	17	N	887.5		25.2	-33.3	19.6	47	88	3.02			-33.3	19.6		396482.19	6908239.41	1202
1124844	28/08/2016	181854	17	N	900		25.2	-35.5	16.1	47	93	3.16			-35.5	16.1		396489.34	6908248.1	1202
1124844	28/08/2016	181822	17	N	912.5		25.2	-31.5	17.5	64	94	3.46			-31.5	17.5		396496.91	6908260.19	1201
1124844	28/08/2016	181742	17	N	925		25.2	-35.2	16.3	64	95	3.48			-35.2	16.3		396502.79	6908268.44	1200
1124844	28/08/2016	181706	17	N	937.5		25.2	-26.5	15.1	62	98	3.52			-26.5	15.1		396512.01	6908281.13	1200
1124844	28/08/2016	181618	17	N	950		25.2	-11.7	15.7	22	97	3.04			-11.7	15.7		396518.35	6908291.32	1200
1124844	28/08/2016	181542	17	N	962.5		25.2	-11.6	9.6	70	97	3.63			-11.6	9.6		396523.97	6908302.52	1200
1124844	28/08/2016	181454	17	N	975		25.2	-2.6	8.3	70	97	3.63			-2.6	8.3		396532.26	6908313.21	1199
1124844	28/08/2016	181322	17	N	987.5		25.2	-1.3	5.8	41	97	3.22			-1.3	5.8		396538.56	6908322.16	1199
1124844	28/08/2016	181250	17	N	1000		25.2	-2.8	0.2	47	97	3.28			-2.8	0.2		396545.53	6908332.26	1199
1124844	28/08/2016	181218	17	N	1012.5		25.2	-5.5	-3.5	37	96	3.13			-5.5	-3.5		396553.9	6908343.46	1199
1124844	28/08/2016	181146	17	N	1025		25.2	-10.9	-5.2	48	94	3.22			-10.9	-5.2		396560.36	6908353.44	1199
1124844	28/08/2016	181106	17	N	1037.5		25.2	-3.6	-4.3	61	95	3.44			-3.6	-4.3		396568.43	6908364.59	1199
1124844	28/08/2016	181034	17	N	1050		25.2	2.4	-4.2	69	94	3.55			2.4	-4.2		396575.26	6908373.6	1199
1124844	28/08/2016	181002	17	N	1062.5		25.2	6.9	-3.4	65	96	3.53			6.9	-3.4		396581.93	6908384.32	1199
1124844	28/08/2016	180906	17	N	1075		25.2	10.1	-1.1	67	93	3.5			10.1	-1.1		396590.92	6908395.23	1200
1124844	28/08/2016	180814	17	N	1087.5		25.2	8.2	-4	53	93	3.25			8.2	-4		396599.29	6908404.57	1201
1124844	28/08/2016	180602	17	N	1100		25.2	11.5	-3.2	58	92	3.31			11.5	-3.2		396607.68	6908413.83	1199
1124844	28/08/2016	180526	17	N	1112.5		25.2	9.3	-3	63	90	3.35			9.3	-3		396615.09	6908424.25	1200
1124844	28/08/2016	180458	17	N	1125		25.2	9.8	-2.5	53	91	3.19			9.8	-2.5		396620.91	6908432.74	1201
1124844	28/08/2016	180426	17	N	1137.5		25.2	7.1	-6	39	90	2.98			7.1	-6		396628.46	6908444.21	1203
1124844	28/08/2016	180358	17	N	1150		25.2	6.2	-1.5	64	89	3.33			6.2	-1.5		396635.33	6908454.98	1203
1124844	28/08/2016	180318	17	N	1162.5		25.2	11.4	0.4	51	91	3.17			11.4	0.4		396642.98	6908466.83	1204
1124844	28/08/2016	180246	17	N	1175		25.2	9.4	1.9	57	87	3.18			9.4	1.9		396650.99	6908475.93	1205
1124844	28/08/2016	180218	17	N	1187.5		25.2	9.1	0.3	46	86	2.96			9.1	0.3		396657.43	6908485.67	1206
1124844	28/08/2016	180134	17	N	1200		25.2	8.8	0	40	88	2.93			8.8	0		396664.93	6908494.78	1206
1124844	28/08/2016	180058	17	N	1212.5		25.2	10.4	3.4	53	86	3.07			10.4	3.4		396672.69	6908506.29	1206
1124844	28/08/2016	180022	17	N	1225		25.2	1.9	2.8	51	85	3.01			1.9	2.8		396676.85	6908518.49	1208
1124844	28/08/2016	175930	17	N	1237.5		25.2	-0.3	2	49	83	2.93			-0.3	2		396683.58	6908528.91	1208
1124844	28/08/2016	175838	17	N	1250		25.2	2	6.6	51	87	3.06			2	6.6		396690.59	6908539.84	1210
1124844	21/08/2016	233202	17	N	1262.5		25.2	0	7.9	43	97	3.23			0	7.9		396697.89	6908548.74	1207
1124844	28/08/2016	175758	17	N	1262.5		25.2	-1	5.8	52	77	2.81	1					396697.71	6908548.53	1210

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	21/08/2016	233050	17	N	1275		25.2	-4.7	8.7	70	89	3.43			-4.7	8.7		396704.33	6908559.37	1208
1124844	28/08/2016	175714	17	N	1275		25.2	-3	4.8	62	75	2.95	1					396704.77	6908557.96	1209
1124844	21/08/2016	233002	17	N	1287.5		25.2	-3.8	8.4	77	80	3.37			-3.8	8.4		396712.95	6908569.62	1208
1124844	28/08/2016	175610	17	N	1287.5		25.2	-6.1	8	45	81	2.83	1					396711.8	6908568.03	1209
1124844	28/08/2016	175626	17	N	1287.5		25.2	-6.7	7.6	36	80	2.68	1					396711.67	6908568.12	1209
1124844	21/08/2016	232922	17	N	1300		25.2	-8.8	9.5	83	80	3.5			-8.8	9.5		396718.92	6908578.92	1208
1124844	21/08/2016	232838	17	N	1312.5		25.2	-8.9	7.4	90	83	3.73			-8.9	7.4		396725.81	6908590.05	1208
1124844	21/08/2016	232802	17	N	1325		25.2	-12.9	12.6	61	91	3.33			-12.9	12.6		396732.78	6908599.38	1208
1124844	21/08/2016	232710	17	N	1337.5		25.2	-16.5	14.5	50	96	3.28			-16.5	14.5		396741.22	6908611.08	1208
1124844	21/08/2016	232630	17	N	1350		25.2	-17.3	11.3	71	91	3.52			-17.3	11.3		396745.11	6908620.46	1209
1124844	21/08/2016	232542	17	N	1362.5		25.2	-17.5	12.3	75	92	3.63			-17.5	12.3		396755.37	6908631.67	1208
1124844	21/08/2016	232418	17	N	1375		25.2	-16.4	16.6	93	83	3.8			-16.4	16.6		396762.68	6908641.82	1208
1124844	21/08/2016	232330	17	N	1387.5		25.2	-17.8	19.8	81	94	3.76			-17.8	19.8		396770.48	6908650.91	1207
1124844	21/08/2016	232246	17	N	1400		25.2	-15.8	14.1	89	97	4			-15.8	14.1		396777.64	6908661.16	1206
1124844	21/08/2016	232202	17	N	1412.5		25.2	-16.3	21.6	72	97	3.69			-16.3	21.6		396786.15	6908671.57	1206
1124844	21/08/2016	232102	17	N	1425		25.2	-12.8	20	94	97	4.11			-12.8	20		396792.33	6908681.79	1207
1124844	21/08/2016	231646	17	N	1437.5		25.2	-16.9	23.9	65	96	3.55			-16.9	23.9		396801.76	6908691.27	1208
1124844	21/08/2016	230854	17	N	1450		25.2	-23.5	23.9	66	96	3.54			-23.5	23.9		396808.03	6908703.52	1206
1124844	21/08/2016	230814	17	N	1462.5		25.2	-19.3	10.2	71	98	3.7			-19.3	10.2		396814.8	6908714.78	1205
1124844	21/08/2016	230738	17	N	1475		25.2	9.4	7.6	57	99	3.46			9.4	7.6		396821.44	6908724.91	1206
1124844	21/08/2016	230654	17	N	1487.5		25.2	19.5	-2.8	84	99	3.96			19.5	-2.8		396829.19	6908735.32	1206
1124844	21/08/2016	230550	17	N	1500		25.2	44.6	-3.4	73	99	3.73			44.6	-3.4		396835.94	6908744.12	1205
1124844	21/08/2016	230442	17	N	1512.5		25.2	-28.9	-76.4	27	-73	2.36	9				Data doesnt fit	396843.76	6908753.55	1204
1124844	21/08/2016	230358	17	N	1525		25.2	32.8	-1.9	67	89	3.41			32.8	-1.9		396846.73	6908764.48	1203
1124844	21/08/2016	230222	17	N	1537.5		25.2	29.1	-9.1	94	68	3.54			29.1	-9.1		396854.12	6908775.34	1203
1124844	21/08/2016	230142	17	N	1550		25.2	18.5	-4.7	86	81	3.59			18.5	-4.7		396863.87	6908782.64	1203
1124844	21/08/2016	230054	17	N	1562.5		25.2	10.5	-0.5	87	82	3.64			10.5	-0.5		396871.05	6908792.23	1202
1124844	21/08/2016	230018	17	N	1575		25.2	9	-1.1	86	81	3.58			9	-1.1		396878.45	6908801.38	1202
1124844	21/08/2016	225922	17	N	1587.5		25.2	4.3	1	82	84	3.56			4.3	1		396885.76	6908811.68	1201
1124844	21/08/2016	225826	17	N	1600		25.2	4.9	-4.7	98	77	3.78			4.9	-4.7		396891.92	6908822.77	1201
1124844	21/08/2016	225750	17	N	1612.5		25.2	1.8	-0.9	97	74	3.7			1.8	-0.9		396900.4	6908832.04	1201
1124844	21/08/2016	225646	17	N	1625		25.2	-0.7	3.2	81	92	3.72			-0.7	3.2		396908.85	6908840.05	1200
1124844	21/08/2016	225606	17	N	1637.5		25.2	2	7.4	35	95	3.08			2	7.4		396914.18	6908852.08	1199
1124844	21/08/2016	225526	17	N	1650		25.2	10.1	-0.6	31	90	2.89			10.1	-0.6		396920.62	6908863.61	1198
1124844	21/08/2016	225442	17	N	1662.5		25.2	3.5	3.6	90	86	3.78			3.5	3.6		396925.83	6908873.33	1197
1124844	21/08/2016	225402	17	N	1675		25.2	10.2	0.6	92	95	4.01			10.2	0.6		396933.78	6908882.37	1197
1124844	21/08/2016	225318	17	N	1687.5		25.2	13.9	5	80	90	3.64			13.9	5		396942.11	6908890.59	1196
1124844	21/08/2016	225234	17	N	1700		25.2	23.5	0.4	80	90	3.66			23.5	0.4		396948.65	6908901.91	1196
1124844	21/08/2016	225154	17	N	1712.5		25.2	16.6	6.2	88	83	3.67			16.6	6.2		396956.95	6908910.36	1195
1124844	21/08/2016	225118	17	N	1725		25.2	17.9	3.6	68	92	3.49			17.9	3.6		396964.55	6908920.69	1194
1124844	21/08/2016	225026	17	N	1737.5		25.2	20.2	3.7	82	86	3.61			20.2	3.7		396972.35	6908930.77	1193
1124844	21/08/2016	224950	17	N	1750		25.2	20.3	9	65	94	3.47			20.3	9		396979.13	6908940.3	1192
1124844	21/08/2016	224902	17	N	1762.5		25.2	19.1	9.8	84	81	3.55			19.1	9.8		396985.36	6908950.67	1191
1124844	21/08/2016	224818	17	N	1775		25.2	18.5	11.4	87	76	3.51			18.5	11.4		396993.56	6908961.31	1190
1124844	21/08/2016	224714	17	N	1787.5		25.2	18.8	10.5	93	55	3.29			18.8	10.5		397001.22	6908971.96	1188
1124844	21/08/2016	224626	17	N	1800		25.2	12.1	13.3	94	61	3.41			12.1	13.3		397007.67	6908983.4	1186
1124844	21/08/2016	224538	17	N	1812.5		25.2	9.8	11.7	81	74	3.33			9.8	11.7		397016.12	6908990.44	1186
1124844	21/08/2016	224422	17	N	1825		25.2	7.8	15	62	84	3.18			7.8	15		397021.6	6909000.82	1185
1124844	21/08/2016	224146	17	N	1837.5		25.2	7.9	16.4	73	72	3.14			7.9	16.4		397028.39	6909010.72	1183
8042728	28/08/2016	192002	19	N	0		25.2	-41.1	8.2	68	90	3.42	1					396128.68	6907405.3	1068
8042728	28/08/2016	192018	19	N	0		25.2	-41.9	9	75	85	3.43			-41.9	9		396128.63	6907405.66	1069
8042728	28/08/2016	192038	19	N	0		25.2	-41.6	9.2	73	89	3.51	1					396128.4	6907405.97	1069
8042728	28/08/2016	191918	19	N	12.5		25.2	-38.3	7	62	99	3.54			-38.3	7		396139.21	6907414.83	1073
8042728	28/08/2016	191846	19	N	25		25.2	-35.3	5.9	48	104	3.48			-35.3	5.9		396146.16	6907423.42	1072
8042728	28/08/2016	191754	19	N	37.5		25.2	-32.5	3.4	45	106	3.5			-32.5	3.4		396153.74	6907433.81	1076
8042728	28/08/2016	191814	19	N	37.5		25.2	-31.5	3.3	33	111	3.52	1					396152.7	6907433.93	1076
8042728	28/08/2016	191722	19	N	50		25.2	-29.7	2.4	18	116	3.56			-29.7	2.4		396159.39	6907443.17	1074
8042728	28/08/2016	191622	19	N	62.5		25.2	-30.5	-0.4	28	117	3.64			-30.5	-0.4		396164.49	6907457.04	1079
8042728	28/08/2016	191638	19	N	62.5		25.2	-28.2	-0.6	36	112	3.58	1					396164.57	6907455.13	1074
8042728	28/08/2016	191554	19	N	75		25.2	-26.4	-4	57	113	3.84			-26.4	-4		396170.15	6907466.53	1075
8042728	28/08/2016	191522	19	N	87.5		25.2	-22.7	-6	80	101	3.92			-22.7	-6		396178.19	6907473.5	1081
8042728	28/08/2016	191454	19	N	100		25.2	-18.6	-9.3	71	101	3.74			-18.6	-9.3		396186.16	6907483.87	1083

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	28/08/2016	191426	19	N	112.5		25.2	-17.4	-11.6	65	114	3.99			-17.4	-11.6		396194.49	6907491.4	1089
8042728	28/08/2016	191346	19	N	125		25.2	-14.4	-13.1	37	120	3.8			-14.4	-13.1		396202.52	6907500.29	1092
8042728	28/08/2016	191310	19	N	137.5		25.2	-11.1	-14.8	45	114	3.73			-11.1	-14.8		396209.12	6907510.75	1089
8042728	28/08/2016	191222	19	N	150		25.2	-7.3	-15.6	29	118	3.68			-7.3	-15.6		396214.95	6907521.3	1096
8042728	28/08/2016	191102	19	N	162.5		25.2	-5.5	-17.3	41	115	3.71			-5.5	-17.3		396221.92	6907532.19	1097
8042728	28/08/2016	191030	19	N	175		25.2	-5.8	-17.7	50	114	3.79			-5.8	-17.7		396228.27	6907540.42	1097
8042728	28/08/2016	190926	19	N	187.5		25.2	-4.1	-19.2	72	107	3.92			-4.1	-19.2		396233.63	6907554.12	1103
8042728	28/08/2016	190954	19	N	187.5		25.2	-2.7	-18.7	41	115	3.71	1					396234.61	6907552.5	1102
8042728	28/08/2016	190830	19	N	200		25.2	-4.9	-19	88	96	3.94			-4.9	-19		396242.94	6907562.04	1105
8042728	28/08/2016	190854	19	N	200		25.2	-4.1	-19.1	74	99	3.77	1					396243.28	6907561.51	1104
8042728	28/08/2016	190750	19	N	212.5		25.2	-4.2	-18.4	109	74	4.02			-4.2	-18.4		396252.35	6907568.91	1107
8042728	28/08/2016	190650	19	N	225		25.2	2.1	-18.6	24	118	3.67			2.1	-18.6		396260.51	6907576.53	1110
8042728	28/08/2016	190610	19	N	237.5		25.2	6	-18.1	59	104	3.63			6	-18.1		396268.28	6907582.88	1108
8042728	28/08/2016	190530	19	N	250	Location close to next station, GPS issue?	25.2	10.4	-16.9	7	111	3.37			10.4	-16.9		396277.79	6907600.14	1120
8042728	28/08/2016	190454	19	N	262.5		25.2	10.7	-16.3	8	113	3.44			10.7	-16.3		396281.45	6907607.12	1118
8042728	28/08/2016	190310	19	N	275		25.2	9.4	-15.2	40	99	3.24	1					396287.14	6907615.51	1117
8042728	28/08/2016	190330	19	N	275		25.2	9.8	-15.4	37	101	3.27	1					396286.34	6907612.2	1113
8042728	28/08/2016	190414	19	N	275		25.2	9	-14.9	32	105	3.35			9	-14.9		396287.32	6907613.55	1119
8042728	28/08/2016	190222	19	N	287.5		25.2	6.7	-14.1	24	96	3			6.7	-14.1		396295.15	6907628.75	1123
8042728	28/08/2016	190138	19	N	300		25.2	2.3	-11.3	0	101	3.07			2.3	-11.3		396301.7	6907640.39	1128
8042728	28/08/2016	190058	19	N	312.5		25.2	-0.5	-12.4	45	90	3.07			-0.5	-12.4		396308.35	6907646.67	1125
8042728	28/08/2016	185958	19	N	325		25.2	-1.3	-11.5	31	95	3.05			-1.3	-11.5		396316.76	6907655.44	1127
8042728	28/08/2016	185906	19	N	337.5		25.2	-4.7	-8.3	-4	102	3.1			-4.7	-8.3		396321.58	6907663.53	1130
8042728	28/08/2016	185834	19	N	350		25.2	-6.8	-9	34	88	2.86			-6.8	-9		396327.86	6907677.96	1136
8042728	28/08/2016	185546	19	N	362.5	Taken to avoid cluster of trees	25.2	-11.6	-6.7	34	89	2.91	9					396343.73	6907687.78	1143
8042728	28/08/2016	185758	19	N	362.5		25.2	-9.6	-6.1	42	93	3.09			-9.6	-6.1		396335.08	6907692.45	1142
8042728	28/08/2016	185622	19	N	375		25.2	-13.1	-6.7	83	64	3.19			-13.1	-6.7		396341.31	6907701.35	1143
8042728	28/08/2016	185658	19	N	375		25.2	-13.5	-5.8	79	66	3.12	1					396341.92	6907696.36	1139
8042728	28/08/2016	185506	19	N	387.5		25.2	-16.1	-6.3	24	89	2.81			-16.1	-6.3		396353.37	6907699.74	1143
8042728	28/08/2016	185430	19	N	400		25.2	-21.5	-6.8	12	94	2.89			-21.5	-6.8		396359.54	6907714	1148
8042728	28/08/2016	185358	19	N	412.5		25.2	-28.5	-7.8	-7	92	2.8			-28.5	-7.8		396361.04	6907729.05	1149
8042728	28/08/2016	185326	19	N	425		25.2	-31.9	-10.3	46	91	3.12			-31.9	-10.3		396364.56	6907737.29	1157
8042728	28/08/2016	185238	19	N	437.5	Above Historic Adit & Tailings	25.2	-26.5	-3.5	19	99	3.08			-26.5	-3.5		396371.64	6907746.09	1156
8042728	28/08/2016	185118	19	N	450	Above Historic Adit & Tailings	25.2	-28.5	-1.9	35	98	3.16			-28.5	-1.9		396377.38	6907753.39	1158
8042728	28/08/2016	185042	19	N	462.5	Above Historic Adit & Tailings	25.2	-34.6	-5.6	49	88	3.05			-34.6	-5.6		396383.32	6907764.48	1162
8042728	28/08/2016	184926	19	N	475	Above Historic Adit & Tailings	25.2	-40.2	-8.5	36	92	3			-40.2	-8.5		396389.73	6907774.14	1169
8042728	28/08/2016	184730	19	N	487.5	Above Historic Adit & Tailings	25.2	-40	-7.3	47	102	3.4			-40	-7.3		396394.84	6907783.26	1178
8042728	28/08/2016	184754	19	N	487.5	Above Historic Adit & Tailings	25.2	-40	-6.9	49	94	3.23	1					396395.49	6907783.5	1177
8042728	28/08/2016	184502	19	N	500	Above Historic Adit & Tailings	25.2	-34.5	2.3	49	90	3.12			-34.5	2.3		396404.07	6907790.36	1180
8042728	28/08/2016	184418	19	N	512.5		25.2	-44.2	0.1	33	98	3.15	1					396411.25	6907802.9	1181
8042728	28/08/2016	184434	19	N	512.5		25.2	-43.3	-0.4	32	99	3.16			-43.3	-0.4		396411.3	6907803.02	1181
8042728	28/08/2016	184138	19	N	525		25.2	-49.2	-3.6	48	90	3.1			-49.2	-3.6		396418.18	6907810.13	1186
8042728	28/08/2016	184054	19	N	537.5		25.2	-53.4	-3	22	48	3.21			-53.4	-3		396427.66	6907819.8	1192
8042728	28/08/2016	184002	19	N	550		25.2	-51.7	-1.8	20	53	3.45			-51.7	-1.8		396434.04	6907828.09	1198
8042728	28/08/2016	183922	19	N	562.5		25.2	-48.8	-0.1	25	55	3.7			-48.8	-0.1		396439.69	6907837.66	1199
8042728	28/08/2016	183850	19	N	575	Above Historic Trench	25.2	-50	-1.2	22	57	3.7			-50	-1.2		396446.13	6907848.31	1203
8042728	28/08/2016	183758	19	N	587.5	Above Historic Trench	25.2	-47.7	-3.8	17	62	3.92			-47.7	-3.8		396452.85	6907856.95	1209
8042728	28/08/2016	183702	19	N	600	Above Historic Trench	25.2	-42.5	-4.6	30	65	4.38			-42.5	-4.6		396458.22	6907866.22	1210
8042728	28/08/2016	183542	19	N	612.5	Above Historic Trench	25.2	-30.7	-1.5	32	71	4.75			-30.7	-1.5		396466.07	6907877.63	1211
8042728	28/08/2016	183502	19	N	625	Above Historic Trench	25.2	-23.2	-3.5	38	65	4.59			-23.2	-3.5		396473.7	6907889.03	1215
8042728	28/08/2016	183430	19	N	637.5		25.2	-19.1	-4.1	36	68	4.68			-19.1	-4.1		396480.33	6907897.62	1216
8042728	28/08/2016	183350	19	N	650		25.2	-19.7	-7.6	30	75	4.91			-19.7	-7.6		396487.74	6907906.19	1217
8042728	28/08/2016	183254	19	N	662.5		25.2	-9	-5.3	37	75	5.08			-9	-5.3		396495.87	6907916.05	1220
8042728	28/08/2016	183222	19	N	675		25.2	10.2	-1.1	33	79	5.19			10.2	-1.1		396501.96	6907925.26	1220
8042728	28/08/2016	183142	19	N	687.5		25.2	37.5	4.8	59	127	4.26			37.5	4.8		396510.27	6907937.48	1221
8042728	28/08/2016	183110	19	N	700		25.2	36.4	4.8	64	120	4.13			36.4	4.8		396516.62	6907946.81	1221
8042728	28/08/2016	183030	19	N	712.5		25.2	28.9	0.5	62	113	3.91			28.9	0.5		396523.89	6907958.18	1225
8042728	28/08/2016	182950	19	N	725		25.2	20.5	-3.1	78	100	3.85			20.5	-3.1		396531.62	6907967.78	1227
8042728	28/08/2016	182858	19	N	737.5		25.2	19.9	-2.3	72	110	4			19.9	-2.3		396539.25	6907976.83	1230
8042728	28/08/2016	182822	19	N	750		25.2	18.5	-0.8	59	98	3.47			18.5	-0.8		396546.02	6907986.38	1231
8042728	28/08/2016	182742	19	N	762.5		25.2	15.2	-0.7	68	99	3.65			15.2	-0.7		396552.79	6907997.24	1230
8042728	28/08/2016	182534	19	N	775		25.2	14.9	0.5	53	100	3.43			14.9	0.5		396561.02	6908008.13	1230

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	28/08/2016	182422	19	N	787.5		25.2	11.3	0.2	53	99	3.43			11.3	0.2		396565.16	6908014.73	1229
8042728	28/08/2016	182326	19	N	800		25.2	5.3	-1.9	53	99	3.43			5.3	-1.9		396574.66	6908027.34	1226
8042728	28/08/2016	182242	19	N	812.5		25.2	5.8	-0.2	55	101	3.49			5.8	-0.2		396582.13	6908036.48	1225
8042728	28/08/2016	182146	19	N	825		25.2	5.9	3.9	53	97	3.38	1					396590.01	6908047.56	1225
8042728	28/08/2016	182202	19	N	825		25.2	5.3	3.6	54	98	3.39			5.3	3.6		396590.29	6908047.54	1224
8042728	28/08/2016	182018	19	N	837.5		25.2	0.8	2.1	55	94	3.31			0.8	2.1		396598.09	6908057.52	1225
8042728	28/08/2016	181946	19	N	850		25.2	0.3	3.5	46	101	3.36			0.3	3.5		396604.16	6908066.68	1224
8042728	28/08/2016	181902	19	N	862.5		25.2	0.3	6.6	50	99	3.38			0.3	6.6		396612.23	6908078.12	1223
8042728	28/08/2016	181818	19	N	875		25.2	-2	7.9	35	108	3.46			-2	7.9		396618.65	6908088.11	1223
8042728	28/08/2016	181738	19	N	887.5		25.2	-3.9	5.4	56	95	3.36			-3.9	5.4		396624.09	6908095.35	1223
8042728	28/08/2016	181642	19	N	900		25.2	-7.7	8.3	58	98	3.46			-7.7	8.3		396631.63	6908105.79	1222
8042728	28/08/2016	181558	19	N	912.5		25.2	-11.4	8.3	35	104	3.34			-11.4	8.3		396638.44	6908115.05	1222
8042728	28/08/2016	181454	19	N	925		25.2	-18.2	5.2	72	91	3.52			-18.2	5.2		396647.28	6908128.04	1221
8042728	28/08/2016	181342	19	N	937.5		25.2	-23.5	7	27	47	3.3			-23.5	7		396654.83	6908137.59	1220
8042728	28/08/2016	181254	19	N	950		25.2	-27.6	6.4	22	52	3.45			-27.6	6.4		396661.52	6908147.09	1219
8042728	28/08/2016	181222	19	N	962.5		25.2	-30.5	4.6	28	51	3.53			-30.5	4.6		396667.93	6908155.81	1219
8042728	28/08/2016	181126	19	N	975		25.2	-33.6	4.3	24	58	3.83			-33.6	4.3		396676.73	6908167.22	1219
8042728	28/08/2016	181054	19	N	987.5		25.2	-29.8	5	31	57	3.98			-29.8	5		396683.81	6908175.7	1218
8042728	28/08/2016	181010	19	N	1000		25.2	-30.3	4.3	27	62	4.15			-30.3	4.3		396693.01	6908185.29	1218
8042728	28/08/2016	180918	19	N	1012.5		25.2	-13.5	6.6	43	67	4.88			-13.5	6.6		396697.08	6908196.62	1217
8042728	28/08/2016	180746	19	N	1025		25.2	3.8	9.6	34	66	4.55			3.8	9.6		396704.18	6908206.29	1217
8042728	28/08/2016	180638	19	N	1037.5		25.2	14.2	9.4	37	63	4.46			14.2	9.4		396711.34	6908217.28	1217
8042728	28/08/2016	180550	19	N	1050		25.2	20.1	9.7	71	123	4.32			20.1	9.7		396718.19	6908225.01	1216
8042728	28/08/2016	180506	19	N	1062.5		25.2	23.4	8.3	71	112	4.02			23.4	8.3		396727.45	6908236.33	1216
8042728	28/08/2016	180430	19	N	1075		25.2	19.9	4.3	60	109	3.77			19.9	4.3		396734	6908246.65	1215
8042728	28/08/2016	180354	19	N	1087.5		25.2	16.3	1.3	62	106	3.73			16.3	1.3		396740.8	6908255.46	1215
8042728	28/08/2016	180318	19	N	1100		25.2	16.3	-0.9	43	112	3.64			16.3	-0.9		396746.29	6908263.58	1215
8042728	28/08/2016	180242	19	N	1112.5		25.2	17.8	0.5	54	110	3.71			17.8	0.5		396752.92	6908273.76	1216
8042728	28/08/2016	180150	19	N	1125		25.2	17.5	0.8	62	98	3.54			17.5	0.8		396759.35	6908284.72	1215
8042728	28/08/2016	180046	19	N	1137.5		25.2	14.3	0.2	49	101	3.4			14.3	0.2		396768.24	6908294.55	1215
8042728	28/08/2016	175922	19	N	1150		25.2	10.6	-2	57	94	3.35			10.6	-2		396777.71	6908304.62	1215
8042728	28/08/2016	175822	19	N	1162.5		25.2	7.7	-3	39	102	3.31			7.7	-3		396783.72	6908312.31	1216
8042728	28/08/2016	175726	19	N	1175		25.2	3.2	-4.1	44	101	3.33			3.2	-4.1		396790.6	6908322.84	1216
8042728	28/08/2016	175638	19	N	1187.5		25.2	-0.2	-5.4	37	105	3.39			-0.2	-5.4		396796.77	6908333.22	1215
8042728	28/08/2016	175602	19	N	1200		25.2	-6.6	-7.3	56	99	3.47			-6.6	-7.3		396805.12	6908344.92	1216
8042728	28/08/2016	175522	19	N	1212.5		25.2	-7.9	-7.4	49	106	3.55			-7.9	-7.4		396813.01	6908354.9	1216
8042728	28/08/2016	175434	19	N	1225		25.2	-7.7	-7.4	62	105	3.71			-7.7	-7.4		396818.9	6908364.13	1217
8042728	28/08/2016	175342	19	N	1237.5		25.2	-4.5	-5.1	76	108	4.01			-4.5	-5.1		396825.91	6908373.7	1216
8042728	28/08/2016	175302	19	N	1250		25.2	-0.5	-3	50	117	3.86			-0.5	-3		396832.7	6908379.81	1218
8042728	28/08/2016	175218	19	N	1262.5		25.2	6.5	0.1	55	118	3.97			6.5	0.1		396841.02	6908392.32	1216
8042728	21/08/2016	232946	19	N	1275		25.2	12.9	2.9	23	125	3.85	2					396847.58	6908402.39	1215.00
8042728	21/08/2016	233142	19	N	1275		25.2	10.7	3.1	16	69	4.31	2					396847.54	6908402.48	1215.00
8042728	28/08/2016	175058	19	N	1275		25.2	7.6	0.4	62	112	3.88			7.6	0.4		396847.88	6908402.63	1215
8042728	21/08/2016	232902	19	N	1287.5		25.2	13.2	3.6	81	101	3.93	1					396853.55	6908412.42	1215.00
8042728	28/08/2016	174918	19	N	1287.5		25.2	-8.5	-0.5	64	110	3.85	2					396855.24	6908414.93	1217
8042728	28/08/2016	174958	19	N	1287.5		25.2	10.1	0.8	52	109	3.68			10.1	0.8		396855.39	6908413.33	1214
8042728	21/08/2016	232738	19	N	1300		25.2	13.8	4.1	63	108	3.79	2					396863.32	6908421.88	1215.00
8042728	21/08/2016	232806	19	N	1300		25.2	12.4	4.1	68	107	3.85	2					396863.39	6908421.89	1215.00
8042728	21/08/2016	232822	19	N	1300		25.2	12.2	3.6	76	106	3.97			12.2	3.6		396863.43	6908421.78	1215.00
8042728	28/08/2016	174759	19	N	1300		25.2	-11.7	-1	61	101	3.6	2					396865.39	6908422.81	1217
8042728	28/08/2016	174818	19	N	1300		25.2	-12.2	-0.7	65	104	3.72	2					396865.36	6908422.84	1218
8042728	21/08/2016	232622	19	N	1312.5		25.2	14.4	5.4	46	96	3.25	2					396871.06	6908430.03	1216.00
8042728	21/08/2016	232646	19	N	1312.5		25.2	13.4	4.9	53	105	3.58			13.4	4.9		396870.93	6908429.89	1215.00
8042728	21/08/2016	232522	19	N	1325		25.2	22	8.6	50	84	2.97			22	8.6		396877.94	6908439.30	1216.00
8042728	21/08/2016	232422	19	N	1337.5		25.2	15.8	7.7	60	115	3.95			15.8	7.7		396886.13	6908449.72	1216.00
8042728	21/08/2016	232318	19	N	1350		25.2	15.6	10.6	30	114	3.58			15.6	10.6		396890.05	6908457.58	1217.00
8042728	21/08/2016	232210	19	N	1362.5		25.2	6.5	10.1	64	95	3.48			6.5	10.1		396896.81	6908467.69	1217.00
8042728	21/08/2016	232046	19	N	1375		25.2	-7.5	1.8	66	90	3.41			-7.5	1.8		396906.13	6908480.21	1217.00
8042728	21/08/2016	231954	19	N	1387.5		25.2	-18.5	1.3	17	44	2.9			-18.5	1.3		396912.55	6908490.09	1218.00
8042728	21/08/2016	231858	19	N	1400		25.2	-25.7	-6.5	19	56	3.62			-25.7	-6.5		396919.64	6908501.76	1218.00
8042728	21/08/2016	231750	19	N	1412.5		25.2	-23.7	-8.8	12	69	4.25			-23.7	-8.8		396925.46	6908510.19	1219.00
8042728	21/08/2016	231654	19	N	1425		25.2	-6.2	-7.4	4	82	4.98			-6.2	-7.4		396933.66	6908522.10	1219.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	231614	19	N	1437.5		25.2	20.6	-6.9	0	77	4.69			20.6	-6.9		396940.54	6908532.87	1219.00
8042728	21/08/2016	231358	19	N	1450		25.2	32.2	-8.3	16	70	4.36			32.2	-8.3		396946.47	6908542.65	1219.00
8042728	21/08/2016	231234	19	N	1462.5		25.2	39.6	-7.3	27	124	3.84	2					396951.95	6908551.07	1220.00
8042728	21/08/2016	231306	19	N	1462.5		25.2	39.8	-7.1	11	66	4.1			39.8	-7.1		396951.83	6908551.19	1220.00
8042728	21/08/2016	231150	19	N	1475		25.2	46.3	-3.9	43	112	3.64			46.3	-3.9		396958.83	6908563.13	1220.00
8042728	21/08/2016	231058	19	N	1487.5		25.2	35.8	-10.7	51	104	3.51			35.8	-10.7		396966.12	6908574.40	1221.00
8042728	21/08/2016	231018	19	N	1500		25.2	33.9	-12.5	47	94	3.19			33.9	-12.5		396969.91	6908582.35	1222.00
8042728	21/08/2016	230938	19	N	1512.5		25.2	23.2	-14.5	53	104	3.54			23.2	-14.5		396977.00	6908591.13	1222.00
8042728	21/08/2016	230846	19	N	1525		25.2	19.9	-14.8	60	95	3.42			19.9	-14.8		396985.01	6908601.55	1223.00
8042728	21/08/2016	230730	19	N	1537.5		25.2	47.5	-21.5	29	38	1.46	2					396993.01	6908613.44	1224.00
8042728	21/08/2016	230750	19	N	1537.5		25.2	22.6	-22.9	74	127	2.24			22.6	-22.9		396993.13	6908613.50	1224.00
8042728	21/08/2016	230646	19	N	1550		25.2	11.1	-14.6	56	86	3.12			11.1	-14.6		396999.82	6908623.66	1224.00
8042728	21/08/2016	230610	19	N	1562.5		25.2	7.8	-14.3	45	89	3.03			7.8	-14.3		397005.41	6908631.30	1224.00
8042728	21/08/2016	230458	19	N	1575		25.2	-3.7	-15	60	105	3.66			-3.7	-15		397015.96	6908646.53	1225.00
8042728	21/08/2016	230406	19	N	1587.5		25.2	-13.3	-5.6	2	30	1.82			-13.3	-5.6		397020.39	6908657.98	1225.00
8042728	21/08/2016	230306	19	N	1600		25.2	-11.5	-14.8	41	53	4.08			-11.5	-14.8		397026.61	6908667.14	1225.00
8042728	21/08/2016	230154	19	N	1612.5		25.2	-3.2	-9.4	5	63	3.84			-3.2	-9.4		397033.10	6908676.00	1226.00
8042728	21/08/2016	230102	19	N	1625		25.2	4.7	-9.1	19	122	3.75			4.7	-9.1		397041.11	6908686.79	1226.00
8042728	21/08/2016	230010	19	N	1637.5		25.2	20.7	-11.8	118	127	2.64			20.7	-11.8		397049.19	6908696.51	1226.00
8042728	21/08/2016	225910	19	N	1650		25.2	33.2	0.7	68	73	1.51			33.2	0.7		397056.85	6908705.73	1226.00
8042728	21/08/2016	225742	19	N	1662.5		25.2	33.4	4.1	49	44	2.02			33.4	4.1		397064.03	6908714.71	1226.00
8042728	21/08/2016	225654	19	N	1675		25.2	27.6	1	63	103	3.67			27.6	1		397070.84	6908725.20	1227.00
8042728	21/08/2016	225606	19	N	1687.5		25.2	26.3	0.2	25	118	3.67			26.3	0.2		397074.74	6908733.68	1227.00
8042728	21/08/2016	225518	19	N	1700		25.2	34.9	3.2	37	99	3.21			34.9	3.2		397084.02	6908747.29	1228.00
8042728	21/08/2016	225434	19	N	1712.5		25.2	22.2	-2.5	56	121	4.04			22.2	-2.5		397090.63	6908757.64	1229.00
8042728	21/08/2016	225150	19	N	1725		25.2	-1.1	-2.3	22	104	3.23			-1.1	-2.3		397098.88	6908768.30	1230.00
8042728	21/08/2016	225030	19	N	1737.5		25.2	33.9	3.4	56	68	2.67			33.9	3.4		397107.02	6908779.44	1232.00
8042728	21/08/2016	224906	19	N	1750		25.2	24	2.1	57	94	3.35			24	2.1		397114.19	6908788.06	1232.00
8042728	21/08/2016	224814	19	N	1762.5		25.2	29.4	2.3	75	110	4.06			29.4	2.3		397122.07	6908797.48	1232.00
8042728	21/08/2016	224702	19	N	1775		25.2	36.3	6	33	110	3.48			36.3	6		397131.03	6908807.47	1233.00
8042728	21/08/2016	224554	19	N	1787.5		25.2	38.5	7.2	19	115	3.54			38.5	7.2		397140.09	6908818.08	1232.00
8042728	21/08/2016	224430	19	N	1800		25.2	16.1	1.3	10	127	1.94			16.1	1.3		397150.12	6908832.50	1227.00
8042728	21/08/2016	224146	19	N	1812.5		25.2	100.8	51.8	23	61	0.99	9				Large Signal Drop, likely bad data point	397155.96	6908840.56	1223.00
8042728	21/08/2016	224046	19	N	1825		25.2	45.4	19.5	56	115	1.95			45.4	19.5		397164.35	6908850.15	1219.00
8042728	21/08/2016	223958	19	N	1837.5		25.2	55	31.3	47	25	1.64			55	31.3		397170.95	6908859.26	1218.00
8042728	21/08/2016	223910	19	N	1850		25.2	37.5	23.9	23	66	2.12			37.5	23.9		397178.27	6908869.66	1216.00
8042728	21/08/2016	223706	19	N	1862.5		25.2	33.1	22	39	52	1.99			33.1	22		397185.28	6908879.33	1213.00
8042728	21/08/2016	223510	19	N	1875		25.2	14.6	9.7	3	95	2.89	2					397192.62	6908889.65	1208.00
8042728	21/08/2016	223526	19	N	1875		25.2	15.9	10.3	4	96	2.93			15.9	10.3		397192.74	6908889.61	1208.00
8042728	21/08/2016	184630	21	N	0		25.2	-200	0	13	16	0.66	2					396335.46	6907296.59	1077
8042728	21/08/2016	184814	21	N	0		25.2	-14.8	4.5	11	21	0.73	2					396335.34	6907296.29	1077
8042728	21/08/2016	184834	21	N	0		25.2	-23.1	7.4	25	34	0.65	2					396335.24	6907296.37	1077
8042728	21/08/2016	185558	21	N	0		25.2	-63.6	21.7	80	127	1.14	2					396338.71	6907297.59	1074
8042728	21/08/2016	185642	21	N	0	True Station 0	25.2	-78.2	14.4	47	123	1.99			-78.2	14.4		396338.01	6907299.13	1075
8042728	21/08/2016	184854	21	N	0	Bad Point	25.2	-105.5	5.3	1	98	0.74	2					396337.73	6907299.57	1077
8042728	21/08/2016	185742	21	N	12.5		25.2	-75.3	13.7	15	79	2.43			-75.3	13.7		396342.32	6907307.06	1077
8042728	21/08/2016	185858	21	N	25		25.2	-71.8	15.2	23	88	2.76			-71.8	15.2		396350.4	6907317.94	1078
8042728	21/08/2016	185954	21	N	37.5		25.2	-200	-0.5	8	30	0.95	9				VLF Dropped out	396357.06	6907325.74	1079
8042728	21/08/2016	190106	21	N	50		25.2	-196.4	2.9	0	31	0.94	9				VLF Dropped out	396363.72	6907336.05	1081
8042728	21/08/2016	190222	21	N	62.5		25.2	-177.6	13.2	0	32	0.97	9				VLF Dropped out	396372.07	6907346.36	1082
8042728	21/08/2016	190322	21	N	75		25.2	-69.1	15.2	34	61	2.13			-69.1	15.2		396378.51	6907355.25	1084
8042728	21/08/2016	190450	21	N	75		25.2	-50.6	17.4	32	87	2.84	2					396379.51	6907355.71	1083
8042728	21/08/2016	190534	21	N	87.5		25.2	-95.4	15.6	7	52	1.58	9				Bad point, low signal	396385.08	6907363.78	1084
8042728	21/08/2016	190638	21	N	100		25.2	-54.7	12.3	40	74	2.57			-54.7	12.3		396392.41	6907373.22	1087
8042728	21/08/2016	190754	21	N	112.5		25.2	-49.1	10.2	22	93	2.92			-49.1	10.2		396401.27	6907384.98	1088
8042728	21/08/2016	190906	21	N	125		25.2	-43.5	7.4	58	81	3.04			-43.5	7.4		396407.62	6907393.96	1090
8042728	21/08/2016	191054	21	N	137.5		25.2	-37.1	3.3	25	102	3.2			-37.1	3.3		396412.09	6907405.55	1092
8042728	21/08/2016	191146	21	N	150		25.2	-35.4	0.4	35	98	3.17			-35.4	0.4		396418.85	6907418.21	1096
8042728	21/08/2016	191250	21	N	162.5		25.2	-34.2	-3.1	60	82	3.1			-34.2	-3.1		396427.57	6907427.34	1099
8042728	21/08/2016	191358	21	N	175		25.2	-27.8	-3.6	34	104	3.33			-27.8	-3.6		396436.17	6907433.36	1098
8042728	21/08/2016	191426	21	N	175		25.2	-25.9	-3.3	38	113	3.61	2					396434.32	6907431.17	1100
8042728	21/08/2016	191534	21	N	187.5		25.2	-32.5	-9.2	20	92	2.87			-32.5	-9.2		396441.69	6907441.06	1100

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	191710	21	N	200		25.2	-35.8	-20.3	9	66	2.02			-35.8	-20.3		396451.72	6907450.86	1106
8042728	21/08/2016	191950	21	N	212.5		25.2	-30.3	-16	8	85	2.61			-30.3	-16		396459.24	6907461.22	1109
8042728	21/08/2016	192050	21	N	225		25.2	-29.7	-18.4	40	65	2.33			-29.7	-18.4		396465.95	6907470	1109
8042728	21/08/2016	192150	21	N	237.5		25.2	-25.6	-19.6	34	66	2.25			-25.6	-19.6		396473.16	6907479.65	1118
8042728	21/08/2016	192414	21	N	250		25.2	-27.1	-16.3	24	81	2.58			-27.1	-16.3		396472.14	6907492.75	1123
8042728	21/08/2016	192518	21	N	262.5		25.2	-19.6	-12.2	11	112	3.42			-19.6	-12.2		396478.42	6907503.71	1122
8042728	21/08/2016	192634	21	N	275		25.2	-19.1	-15.6	23	81	2.57			-19.1	-15.6		396489.71	6907511.39	1118
8042728	21/08/2016	192746	21	N	287.5		25.2	-22.6	-29.6	17	44	1.44			-22.6	-29.6		396494.48	6907519.3	1120
8042728	21/08/2016	192926	21	N	300	Real Station 300 Based on GPS	25.2	-16	-8.1	86	127	2.33	2					396498.34	6907527.37	1131
8042728	21/08/2016	193030	21	N	312.5	Possible Bad GPS, or Station 312.5 duplicate.	25.2	-4.3	-5.8	62	88	3.26			-4.3	-5.8		396505.73	6907544.56	1150
8042728	21/08/2016	193158	21	N	312.5		25.2	-6	-5.6	51	94	3.26			-6	-5.6		396507.59	6907543.11	1124
8042728	21/08/2016	193314	21	N	325		25.2	-7.2	-4.4	36	95	3.07			-7.2	-4.4		396511.62	6907552.39	1132
8042728	21/08/2016	193422	21	N	337.5		25.2	-10.6	-4.5	24	95	2.97			-10.6	-4.5		396520.41	6907561.9	1136
8042728	21/08/2016	193538	21	N	350		25.2	-15.5	-4.7	25	99	3.09			-15.5	-4.7		396526.84	6907569.72	1135
8042728	21/08/2016	193642	21	N	362.5	Possible bad GPS, located at same spot as Station 375	25.2	-19.6	-1.7	19	90	2.8			-19.6	-1.7		396538.71	6907587.13	1140
8042728	21/08/2016	193742	21	N	362.5	Possible bad GPS, located at same spot as Station 362.5	25.2	-24.7	-2.3	21	89	2.77			-24.7	-2.3		396544.35	6907584.82	1131
8042728	21/08/2016	193826	21	N	375		25.2	-30.8	-5.4	20	86	2.68			-30.8	-5.4		396548.06	6907604.41	1143
8042728	21/08/2016	193938	21	N	387.5		25.2	-32.2	-4.4	9	91	2.78			-32.2	-4.4		396552.84	6907615.68	1154
8042728	21/08/2016	194054	21	N	400		25.2	-38	-4.4	18	89	2.77			-38	-4.4		396559.96	6907626.85	1152
8042728	21/08/2016	194210	21	N	412.5		25.2	-38.6	-8.2	15	92	2.83			-38.6	-8.2		396564.41	6907630.98	1153.00
8042728	21/08/2016	194906	21	N	425		25.2	-40.1	-4.1	47	89	3.07			-40.1	-4.1		396576.25	6907640.31	1159.00
8042728	21/08/2016	195014	21	N	437.5		25.2	-38.6	-2.8	3	99	3.01			-38.6	-2.8		396578.81	6907645.12	1152.00
8042728	21/08/2016	195106	21	N	450		25.2	-41.1	-4.4	13	99	3.03			-41.1	-4.4		396587.16	6907657.63	1156.00
8042728	21/08/2016	195146	21	N	462.5		25.2	-41.2	-6.2	2	102	3.09			-41.2	-6.2		396594.42	6907668.00	1162.00
8042728	21/08/2016	195250	21	N	475		25.2	-47.1	-8.8	22	97	3.02			-47.1	-8.8		396600.66	6907681.37	1174.00
8042728	21/08/2016	195330	21	N	487.5		25.2	-42.3	-8.7	9	107	3.25			-42.3	-8.7		396606.89	6907690.52	1177.00
8042728	21/08/2016	195442	21	N	500		25.2	-44.1	-9.2	5	105	3.19			-44.1	-9.2		396613.42	6907697.17	1173.00
8042728	21/08/2016	195602	21	N	512.5		25.2	-45.2	-8.5	7	107	3.26			-45.2	-8.5		396620.98	6907709.02	1179.00
8042728	21/08/2016	195802	21	N	525		25.2	-48.1	-9.9	25	104	3.25			-48.1	-9.9		396626.11	6907718.49	1181.00
8042728	21/08/2016	195910	21	N	537.5		25.2	-51.3	-13.9	19	111	3.43			-51.3	-13.9		396635.45	6907731.05	1197.00
8042728	21/08/2016	200022	21	N	550		25.2	-53.5	-16.7	9	119	3.61			-53.5	-16.7		396640.26	6907737.07	1192.00
8042728	21/08/2016	200134	21	N	562.5		25.2	-49.5	-13.8	44	117	3.8			-49.5	-13.8		396645.31	6907743.67	1195.00
8042728	21/08/2016	200226	21	N	575		25.2	-32.2	-7.2	46	127	4.1			-32.2	-7.2		396656.18	6907753.02	1203.00
8042728	21/08/2016	200314	21	N	587.5		25.2	-1.5	1.3	29	68	4.48			-1.5	1.3		396663.26	6907764.49	1204.00
8042728	21/08/2016	200402	21	N	600		25.2	0.8	1.4	45	50	4.11			0.8	1.4		396667.62	6907774.48	1210.00
8042728	21/08/2016	200454	21	N	612.5		25.2	-3.2	-1.9	26	56	3.75			-3.2	-1.9		396673.10	6907782.22	1214.00
8042728	21/08/2016	200634	21	N	625		25.2	-6.1	-4.1	38	48	3.75			-6.1	-4.1		396682.33	6907791.66	1220.00
8042728	21/08/2016	200722	21	N	637.5		25.2	-12.4	-5.5	44	104	3.43			-12.4	-5.5		396688.07	6907799.49	1223.00
8042728	21/08/2016	200758	21	N	650		25.2	-24.2	-7.5	27	101	3.17			-24.2	-7.5		396695.26	6907809.45	1227.00
8042728	21/08/2016	200834	21	N	662.5		25.2	7	-0.5	15	89	2.74	9				Doesnt fit data too well	396701.93	6907819.09	1231.00
8042728	21/08/2016	200910	21	N	675		25.2	-20.8	-4.7	57	95	3.36			-20.8	-4.7		396709.14	6907827.83	1236.00
8042728	21/08/2016	200950	21	N	687.5		25.2	-22.5	-4.6	45	97	3.24			-22.5	-4.6		396717.78	6907835.35	1239.00
8042728	21/08/2016	201026	21	N	700		25.2	-24.4	-2	36	101	3.26			-24.4	-2		396724.33	6907848.58	1243.00
8042728	21/08/2016	201114	21	N	712.5		25.2	-25.9	-2.1	58	96	3.4			-25.9	-2.1		396730.78	6907860.88	1246.00
8042728	21/08/2016	201202	21	N	725		25.2	-30.3	-4.6	47	103	3.44			-30.3	-4.6		396740.06	6907873.69	1249.00
8042728	21/08/2016	201246	21	N	737.5		25.2	-31.1	-4.5	61	102	3.63			-31.1	-4.5		396746.14	6907883.52	1251.00
8042728	21/08/2016	201350	21	N	750		25.2	-33.7	-4.8	66	108	3.85			-33.7	-4.8		396758.46	6907895.76	1252.00
8042728	21/08/2016	201446	21	N	762.5		25.2	-24.3	6.4	66	106	3.81			-24.3	6.4		396766.22	6907906.11	1253.00
8042728	21/08/2016	201518	21	N	775		25.2	-13.5	13.7	72	106	3.9			-13.5	13.7		396772.15	6907914.36	1252.00
8042728	21/08/2016	201606	21	N	787.5		25.2	-14.3	13.9	48	111	3.68			-14.3	13.9		396781.46	6907925.34	1252.00
8042728	21/08/2016	201650	21	N	800		25.2	-19.5	11.4	19	107	3.31			-19.5	11.4		396788.09	6907938.58	1253.00
8042728	21/08/2016	201746	21	N	812.5		25.2	-19.2	11.9	51	106	3.58			-19.2	11.9		396790.95	6907947.44	1252.00
8042728	21/08/2016	201930	21	N	825		25.2	-10.7	18.9	53	105	3.59			-10.7	18.9		396799.49	6907962.21	1249.00
8042728	21/08/2016	201958	21	N	837.5		25.2	-13.7	20.6	44	104	3.45			-13.7	20.6		396804.07	6907968.37	1245.00
8042728	21/08/2016	202046	21	N	850		25.2	-17.4	16.9	59	92	3.34			-17.4	16.9		396810.04	6907978.45	1241.00
8042728	21/08/2016	202114	21	N	850	Duplicate of Station 862.5	25.2	-17.8	17	29	107	3.36			-17.8	17		396810.02	6907978.54	1241.00
8042728	21/08/2016	202150	21	N	862.5		25.2	-21.8	12.9	39	102	3.33			-21.8	12.9		396816.29	6907987.24	1239.00
8042728	21/08/2016	202234	21	N	875		25.2	-25.4	10.5	39	110	3.56			-25.4	10.5		396823.35	6907998.19	1237.00
8042728	21/08/2016	202322	21	N	887.5		25.2	-6.2	21.3	33	114	3.6			-6.2	21.3		396829.71	6908008.40	1236.00
8042728	21/08/2016	202354	21	N	900		25.2	-4.1	23.3	43	106	3.47			-4.1	23.3		396836.50	6908018.05	1233.00
8042728	21/08/2016	202430	21	N	912.5		25.2	-17.9	20.8	24	81	2.56			-17.9	20.8		396843.66	6908028.07	1231.00
8042728	21/08/2016	202506	21	N	925		25.2	-15	19.5	35	101	3.26			-15	19.5		396850.82	6908040.08	1231.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	21/08/2016	202538	21	N	937.5		25.2	-12.6	20.7	43	101	3.33			-12.6	20.7		396856.67	6908049.93	1230.00
8042728	21/08/2016	202614	21	N	950		25.2	-17.4	19.1	63	88	3.3			-17.4	19.1		396864.54	6908060.23	1229.00
8042728	21/08/2016	202710	21	N	962.5		25.2	-27.2	14.5	60	92	3.33			-27.2	14.5		396870.91	6908072.20	1227.00
8042728	21/08/2016	202750	21	N	975		25.2	-34	11.1	41	96	3.18			-34	11.1		396878.66	6908082.69	1226.00
8042728	21/08/2016	202910	21	N	987.5		25.2	-36.8	9.2	49	105	3.51			-36.8	9.2		396885.50	6908092.18	1224.00
8042728	21/08/2016	202954	21	N	1000		25.2	-25.5	12.7	51	116	3.85			-25.5	12.7		396896.81	6908106.64	1223.00
8042728	21/08/2016	203022	21	N	1012.5		25.2	3.8	-0.1	-1	117	3.54	9				Doesnt fit data	396900.75	6908110.80	1222.00
8042728	21/08/2016	203114	21	N	1025		25.2	-18	12.7	53	108	3.67			-18	12.7		396909.13	6908122.43	1222.00
8042728	21/08/2016	203158	21	N	1037.5		25.2	-15.6	11.6	59	117	3.98			-15.6	11.6		396915.53	6908130.77	1221.00
8042728	21/08/2016	203242	21	N	1050		25.2	-14.3	14.4	51	110	3.68			-14.3	14.4		396922.85	6908140.68	1220.00
8042728	21/08/2016	203314	21	N	1062.5		25.2	7.9	17	44	122	3.93			7.9	17		396929.21	6908150.13	1219.00
8042728	21/08/2016	203410	21	N	1075		25.2	11.2	18.7	30	51	3.62			11.2	18.7		396936.07	6908161.12	1219.00
8042728	21/08/2016	203454	21	N	1087.5		25.2	10.4	18.7	25	50	3.43			10.4	18.7		396943.73	6908174.65	1220.00
8042728	21/08/2016	203558	21	N	1100		25.2	7.9	16.9	22	51	3.39			7.9	16.9		396952.07	6908183.40	1219.00
8042728	21/08/2016	203650	21	N	1112.5		25.2	3.7	15.1	27	46	3.29			3.7	15.1		396958.21	6908191.18	1219.00
8042728	21/08/2016	203734	21	N	1125		25.2	-3.3	12.7	62	90	3.33			-3.3	12.7		396965.50	6908202.24	1218.00
8042728	21/08/2016	203806	21	N	1137.5		25.2	-7	10.4	43	95	3.18			-7	10.4		396972.98	6908211.52	1220.00
8042728	21/08/2016	203906	21	N	1150		25.2	-15.7	7.5	52	94	3.28			-15.7	7.5		396983.13	6908225.54	1220.00
8042728	21/08/2016	203946	21	N	1162.5		25.2	-16.4	10.4	54	94	3.28			-16.4	10.4		396989.29	6908232.55	1219.00
8042728	21/08/2016	204018	21	N	1175		25.2	-14.5	12.2	63	89	3.32			-14.5	12.2		396995.07	6908240.87	1219.00
8042728	21/08/2016	204058	21	N	1187.5		25.2	-19.4	12.9	46	89	3.05			-19.4	12.9		397001.40	6908249.89	1219.00
8042728	21/08/2016	204158	21	N	1200		25.2	-18.8	14.2	66	95	3.53			-18.8	14.2		397009.98	6908261.17	1219.00
8042728	21/08/2016	204230	21	N	1212.5		25.2	-25.8	10.3	52	102	3.48			-25.8	10.3		397017.93	6908272.31	1219.00
8042728	21/08/2016	204306	21	N	1225		25.2	-31.1	8	44	104	3.44			-31.1	8		397025.29	6908280.92	1219.00
8042728	21/08/2016	204346	21	N	1237.5		25.2	-35.8	5.6	56	101	3.5			-35.8	5.6		397033.13	6908290.74	1219.00
8042728	21/08/2016	204426	21	N	1250		25.2	-29.8	7.9	62	115	3.97			-29.8	7.9		397038.03	6908300.64	1219.00
8042728	21/08/2016	204522	21	N	1262.5		25.2	-29	4.5	26	121	3.75			-29	4.5		397046.25	6908310.25	1219.00
8042728	21/08/2016	204606	21	N	1275		25.2	-21.5	4.5	56	119	3.98			-21.5	4.5		397052.49	6908319.60	1220.00
8042728	21/08/2016	204650	21	N	1287.5		25.2	-4.2	4.7	8	126	3.84			-4.2	4.7		397059.54	6908329.01	1221.00
8042728	21/08/2016	204734	21	N	1300		25.2	5.3	-10.3	19	5	1.23	9				Large Drop in signal Quality	397067.41	6908342.37	1222.00
8042728	21/08/2016	204750	21	N	1300		25.2	-0.3	-3.8	35	119	3.78			-0.3	-3.8		397067.49	6908342.35	1222.00
8042728	21/08/2016	204830	21	N	1312.5		25.2	2.9	-7.6	57	118	3.99			2.9	-7.6		397074.69	6908352.09	1223.00
8042728	21/08/2016	204910	21	N	1325		25.2	2.1	-13.1	47	117	3.83			2.1	-13.1		397080.19	6908360.10	1223.00
8042728	21/08/2016	204954	21	N	1337.5		25.2	5.6	-13.9	55	123	4.09			5.6	-13.9		397087.72	6908369.89	1224.00
8042728	21/08/2016	205038	21	N	1350		25.2	21.9	-9.6	7	61	3.73			21.9	-9.6		397093.48	6908379.05	1225.00
8042728	21/08/2016	205114	21	N	1362.5		25.2	35.2	-9.5	15	50	3.16			35.2	-9.5		397100.78	6908388.97	1225.00
8042728	21/08/2016	205206	21	N	1375		25.2	26.6	-12.3	28	45	3.26			26.6	-12.3		397108.46	6908399.73	1227.00
8042728	21/08/2016	205254	21	N	1387.5		25.2	22	-14.3	34	93	3			22	-14.3		397116.73	6908409.41	1227.00
8042728	21/08/2016	205342	21	N	1400		25.2	13	-16.5	31	95	3.02			13	-16.5		397123.87	6908418.91	1228.00
8042728	21/08/2016	205442	21	N	1412.5		25.2	6.3	-17.1	40	93	3.07			6.3	-17.1		397131.40	6908428.68	1229.00
8042728	21/08/2016	205814	21	N	1425		25.2	0.9	-24.1	43	62	2.32			0.9	-24.1		397139.21	6908439.35	1231.00
8042728	21/08/2016	205854	21	N	1437.5		25.2	-9.6	-20.8	43	84	2.86			-9.6	-20.8		397146.08	6908448.96	1232.00
8042728	21/08/2016	205942	21	N	1450		25.2	-15.3	-21.9	22	93	2.91			-15.3	-21.9		397152.06	6908457.88	1233.00
8042728	21/08/2016	210058	21	N	1462.5		25.2	-19.9	-18.1	33	87	2.84			-19.9	-18.1		397157.22	6908468.88	1234.00
8042728	21/08/2016	210146	21	N	1475		25.2	-10.9	-8.3	51	90	3.16			-10.9	-8.3		397163.83	6908480.18	1235.00
8042728	21/08/2016	210234	21	N	1487.5		25.2	-18.9	-15.6	42	44	1.84			-18.9	-15.6		397170.01	6908488.96	1236.00
8042728	21/08/2016	210350	21	N	1500		25.2	-23.4	-10.2	89	127	2.35			-23.4	-10.2		397178.19	6908500.28	1237.00
8042728	21/08/2016	210438	21	N	1512.5		25.2	-20.8	-9.9	13	96	2.94			-20.8	-9.9		397185.70	6908509.93	1239.00
8042728	21/08/2016	210526	21	N	1525		25.2	-19.1	-6.4	47	97	3.28			-19.1	-6.4		397192.73	6908520.65	1240.00
8042728	21/08/2016	210610	21	N	1537.5		25.2	-24.8	-8.4	9	96	2.94			-24.8	-8.4		397198.99	6908530.98	1242.00
8042728	21/08/2016	210702	21	N	1550		25.2	-25.2	-7.3	10	106	3.23			-25.2	-7.3		397205.43	6908542.02	1244.00
8042728	21/08/2016	210746	21	N	1562.5		25.2	-17.6	-1.2	1	105	3.19			-17.6	-1.2		397210.80	6908550.78	1247.00
8042728	21/08/2016	210830	21	N	1575		25.2	-11.3	2.5	57	97	3.42			-11.3	2.5		397218.97	6908561.49	1249.00
8042728	21/08/2016	210906	21	N	1587.5		25.2	-15.7	2.2	11	104	3.17			-15.7	2.2		397225.07	6908570.93	1251.00
8042728	21/08/2016	211006	21	N	1600		25.2	-18	-4.3	30	7	0.94			-18	-4.3		397233.66	6908580.22	1256.00
8042728	21/08/2016	211130	21	N	1612.5		25.2	11	-0.4	73	116	2.07			11	-0.4		397240.05	6908588.96	1260.00
8042728	21/08/2016	211130	21	N	1625		25.2	-32.5	6.1	-20	127	1.96	9				Doesnt fit well	397242.41	6908601.86	1262.00
8042728	21/08/2016	212526	21	N	1637.5		25.2	13.9	-1	46	55	2.18			13.9	-1		397247.70	6908612.60	1263.00
8042728	21/08/2016	212650	21	N	1650		25.2	-2	3.9	32	74	2.46			-2	3.9		397255.78	6908626.38	1260.00
8042728	21/08/2016	212742	21	N	1662.5		25.2	-20.9	7.6	30	107	3.37			-20.9	7.6		397261.15	6908635.17	1255.00
8042728	21/08/2016	212814	21	N	1675		25.2	-18	10.7	26	110	3.44			-18	10.7		397265.40	6908641.72	1252.00
8042728	21/08/2016	212846	21	N	1687.5		25.2	-20.7	11	42	96	3.17			-20.7	11		397271.57	6908651.98	1250.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042728	21/08/2016	212922	21	N	1700		25.2	-19.7	10	31	108	3.42			-19.7	10		397277.55	6908662.97	1247.00
8042728	21/08/2016	213002	21	N	1712.5		25.2	11.4	2.3	54	95	3.34			11.4	2.3		397283.51	6908672.46	1245.00
8042728	21/08/2016	213126	21	N	1725		25.2	-16.5	10.4	3	111	3.37			-16.5	10.4		397292.20	6908684.79	1241.00
8042728	21/08/2016	213214	21	N	1737.5		25.2	-12.5	11.2	40	112	3.63			-12.5	11.2		397296.84	6908694.60	1239.00
8042728	21/08/2016	213302	21	N	1750		25.2	-13.8	12.3	13	102	3.13			-13.8	12.3		397304.21	6908703.62	1238.00
8042728	21/08/2016	213434	21	N	1762.5	Possible Bad GPS, Large Gap between previous station	25.2	0.2	13	32	112	3.55			0.2	13		397318.50	6908716.54	1236.00
8042728	21/08/2016	213510	21	N	1775		25.2	7.3	16.3	60	107	3.71			7.3	16.3		397322.98	6908723.95	1235.00
8042728	21/08/2016	213550	21	N	1787.5		25.2	8.7	16.2	53	104	3.57			8.7	16.2		397328.83	6908731.26	1235.00
8042728	21/08/2016	213650	21	N	1800		25.2	2.5	9.4	43	54	2.11			2.5	9.4		397334.91	6908742.15	1233.00
8042728	21/08/2016	213738	21	N	1812.5		25.2	-27.3	7	23	76	2.42	9				Poor coupling	397341.49	6908753.38	1231.00
8042728	21/08/2016	213830	21	N	1825		25.2	3	6.7	42	16	1.37			3	6.7		397346.62	6908762.94	1229.00
8042728	21/08/2016	214010	21	N	1837.5		25.2	-0.1	13	125	127	2.71			-0.1	13		397354.68	6908772.47	1227.00
8042728	21/08/2016	214122	21	N	1850		25.2	6.5	9.1	51	101	3.42			6.5	9.1		397361.98	6908783.48	1226.00
1124844	21/08/2016	174918	23	N	0		25.2	-0.2	5.7	72	53	2.73			-0.2	5.7		396453.22	6907125.07	1107
1124844	21/08/2016	175358	23	N	0		25.2	0.1	5.4	59	69	2.77	1					396453.29	6907125.04	1106
1124844	21/08/2016	175618	23	N	12.5		25.2	-4	5.8	63	62	2.7			-4	5.8		396461.37	6907135.13	1104
1124844	21/08/2016	175806	23	N	25		25.2	-7.2	7.1	40	79	2.69			-7.2	7.1		396468.44	6907145.69	1102
1124844	21/08/2016	180226	23	N	37.5		25.2	-3.8	9	63	65	2.76			-3.8	9		396474.1	6907154.32	1100
1124844	21/08/2016	180414	23	N	50		25.2	-3.2	12.9	28	76	2.46			-3.2	12.9		396479.84	6907166.5	1098
1124844	21/08/2016	180610	23	N	62.5		25.2	-6.6	12.4	42	74	2.61			-6.6	12.4		396486.04	6907177.47	1096
1124844	21/08/2016	180706	23	N	75		25.2	-8.4	14	31	76	2.51			-8.4	14		396491.05	6907187.77	1093
1124844	21/08/2016	180818	23	N	87.5		25.2	-11.4	13.7	49	67	2.53			-11.4	13.7		396499.09	6907197.82	1091
1124844	21/08/2016	180942	23	N	100		25.2	-16.8	15.3	34	78	2.6			-16.8	15.3		396506.21	6907207.37	1088
1124844	21/08/2016	181114	23	N	112.5		25.2	-20.6	14.2	35	77	2.58			-20.6	14.2		396511.08	6907216.67	1084
1124844	21/08/2016	181230	23	N	125		25.2	-22.5	14	25	76	2.42			-22.5	14		396520.33	6907227.67	1086
1124844	21/08/2016	181346	23	N	137.5		25.2	-27.5	10.3	76	63	2.99			-27.5	10.3		396526.89	6907238.61	1086
1124844	21/08/2016	181510	23	N	150		25.2	-29.9	8.5	37	80	2.69			-29.9	8.5		396533.2	6907247.98	1086
1124844	21/08/2016	181822	23	N	162.5		25.2	-30.7	7.3	58	76	2.9			-30.7	7.3		396541.54	6907257	1087
1124844	21/08/2016	181910	23	N	175		25.2	-29.7	5.6	47	86	2.98			-29.7	5.6		396549.6	6907267.95	1088
1124844	21/08/2016	181958	23	N	187.5		25.2	-27.7	5.9	27	93	2.93			-27.7	5.9		396556.49	6907277.75	1089
1124844	21/08/2016	182042	23	N	200		25.2	-26.1	5.3	27	94	2.98			-26.1	5.3		396562.16	6907287.98	1091
1124844	21/08/2016	182142	23	N	212.5		25.2	-21.8	2.8	50	96	3.29			-21.8	2.8		396567	6907299.29	1093
1124844	21/08/2016	182538	23	N	225		25.2	-14.2	-0.1	67	85	3.28			-14.2	-0.1		396574.52	6907309.01	1094
1124844	21/08/2016	182638	23	N	237.5		25.2	-11	-1	62	88	3.29			-11	-1		396580.78	6907318.27	1094
1124844	21/08/2016	182734	23	N	250		25.2	-11.1	0.3	45	94	3.16			-11.1	0.3		396586.38	6907326.71	1096
1124844	21/08/2016	182850	23	N	262.5		25.2	-11.9	-3	48	91	3.14			-11.9	-3		396593.09	6907336.71	1097
1124844	21/08/2016	182946	23	N	275		25.2	-13	-3.9	55	86	3.12			-13	-3.9		396599.04	6907347.81	1099
1124844	21/08/2016	183034	23	N	287.5		25.2	-12.1	-4.2	45	93	3.14			-12.1	-4.2		396604.14	6907351.89	1099
1124844	21/08/2016	183202	23	N	300		25.2	-12.1	-6.8	73	78	3.27			-12.1	-6.8		396612.79	6907363.24	1102
1124844	21/08/2016	183350	23	N	312.5		25.2	-9.9	-10.4	9	58	1.78			-9.9	-10.4		396619.45	6907376.3	1104
1124844	21/08/2016	183534	23	N	325		25.2	-8.2	-10.2	12	87	2.66			-8.2	-10.2		396626.5	6907381.7	1105
1124844	21/08/2016	183754	23	N	337.5		25.2	-7.4	-10.2	45	93	3.15			-7.4	-10.2		396631.37	6907388.73	1106
1124844	21/08/2016	183842	23	N	350		25.2	-7.8	-11	63	90	3.35			-7.8	-11		396641.96	6907395.1	1109
1124844	21/08/2016	183942	23	N	362.5		25.2	-7.6	-10.1	29	95	3.02			-7.6	-10.1		396648.6	6907406.6	1110
1124844	21/08/2016	184030	23	N	375		25.2	-13.6	-9.9	25	93	2.94			-13.6	-9.9		396654.88	6907416.5	1112
1124844	21/08/2016	184142	23	N	387.5		25.2	-7.1	-11.1	40	91	3.02			-7.1	-11.1		396662.56	6907426.29	1116
1124844	21/08/2016	184234	23	N	400		25.2	-9.4	-10.2	65	94	3.47			-9.4	-10.2		396669.57	6907436.63	1116
1124844	21/08/2016	184418	23	N	412.5		25.2	-7.7	-11.6	39	95	3.12			-7.7	-11.6		396679.26	6907444.45	1118
1124844	21/08/2016	184510	23	N	425		25.2	-8.1	-10.7	43	96	3.19			-8.1	-10.7		396686.23	6907455.39	1122
1124844	21/08/2016	184602	23	N	437.5		25.2	-15.4	-18	10	35	1.1			-15.4	-18		396691.79	6907464.71	1124
1124844	21/08/2016	184758	23	N	450		25.2	-4.6	7.2	21	-118	1.81			-4.6	7.2		396695.84	6907479.18	1124
1124844	21/08/2016	185314	23	N	462.5		25.2	-1	-18.1	101	101	2.17			-1	-18.1		396703.48	6907487.33	1128
1124844	21/08/2016	185406	23	N	475		25.2	-12.5	-11.5	25	96	1.51			-12.5	-11.5		396713.29	6907498.27	1130
1124844	21/08/2016	185530	23	N	487.5		25.2	-10.8	-20.6	23	76	1.21			-10.8	-20.6		396720.73	6907505.6	1132
1124844	21/08/2016	185614	23	N	500		25.2	13.1	-20.4	95	99	2.09			13.1	-20.4		396727.69	6907516.35	1135
1124844	21/08/2016	185658	23	N	512.5		25.2	-5.8	9.4	71	-127	2.22			-5.8	9.4		396734.15	6907526.88	1136
1124844	21/08/2016	185758	23	N	525		25.2	4.4	-14.6	33	88	2.85			4.4	-14.6		396741.7	6907538.12	1140
1124844	21/08/2016	185846	23	N	537.5		25.2	0.2	-12.8	57	86	3.12			0.2	-12.8		396745.85	6907546.99	1141
1124844	21/08/2016	185938	23	N	550		25.2	-4.5	-12.8	35	89	2.92			-4.5	-12.8		396755.72	6907554.48	1142
1124844	21/08/2016	190022	23	N	562.5		25.2	-9.3	-14	56	82	3.02			-9.3	-14		396764.18	6907562.13	1144
1124844	21/08/2016	190138	23	N	575		25.2	14.4	13.9	31	-89	2.88	9				coupled well	396766.97	6907573.52	1146
1124844	21/08/2016	190246	23	N	587.5		25.2	-23.1	-17.8	17	89	2.77			-23.1	-17.8		396767.46	6907586.52	1148

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	190326	23	N	600		25.2	-33.1	-15.1	14	88	2.71			-33.1	-15.1		396774.16	6907597.28	1151
1124844	21/08/2016	190438	23	N	612.5		25.2	20.6	21.5	9	-70	2.14			20.6	21.5		396784	6907604.97	1155
1124844	21/08/2016	190550	23	N	625		25.2	-6.4	-13.4	48	98	3.33	9				poor fit	396789.58	6907615.33	1160
1124844	21/08/2016	190658	23	N	637.5		25.2	19.9	-10.1	43	98	3.24			19.9	-10.1		396798.05	6907621.73	1157
1124844	21/08/2016	190754	23	N	650		25.2	-15.4	4.5	14	-93	2.87			-15.4	4.5		396804.19	6907632.9	1162
1124844	21/08/2016	190918	23	N	662.5	Possible bad GPS, Point is really close to Previous station	25.2	12.1	-15.4	50	93	3.22			12.1	-15.4		396809.93	6907635.95	1164
1124844	21/08/2016	191146	23	N	675		25.2	9	-15.4	36	94	3.07			9	-15.4		396820.17	6907653.35	1167
1124844	21/08/2016	191254	23	N	687.5		25.2	10.5	-16.6	39	92	3.04			10.5	-16.6		396823.87	6907663.31	1171
1124844	21/08/2016	191354	23	N	700		25.2	-11.4	5.6	19	-94	2.91			-11.4	5.6		396829.51	6907672.09	1173
1124844	21/08/2016	191454	23	N	712.5		25.2	-6.8	8.6	31	-90	2.9			-6.8	8.6		396836.17	6907683.41	1177
1124844	21/08/2016	191546	23	N	725		25.2	0.3	-15.9	65	75	3.02			0.3	-15.9		396842.91	6907693.93	1182
1124844	21/08/2016	191638	23	N	737.5		25.2	-6	-17.5	29	88	2.81			-6	-17.5		396843.72	6907703.47	1186
1124844	21/08/2016	192134	23	N	750		25.2	-7.6	-15.9	86	59	3.19			-7.6	-15.9		396857.22	6907712.91	1191
1124844	21/08/2016	192410	23	N	762.5		25.2	-19.4	-18.8	12	62	1.92			-19.4	-18.8		396862.82	6907719.64	1191
1124844	21/08/2016	192514	23	N	775		25.2	-9.9	-10.2	54	84	3.04			-9.9	-10.2		396870.28	6907726.81	1192
1124844	21/08/2016	192558	23	N	787.5		25.2	-9.6	-8.7	27	85	2.72			-9.6	-8.7		396878.89	6907737.81	1196
1124844	21/08/2016	192714	23	N	800		25.2	-12.6	-8	44	84	2.87			-12.6	-8		396885.65	6907751.25	1200
1124844	21/08/2016	192818	23	N	812.5		25.2	-15.1	-10.7	32	83	2.7			-15.1	-10.7		396892.75	6907762.47	1205
1124844	21/08/2016	192938	23	N	825		25.2	-16.6	-7.7	47	83	2.89			-16.6	-7.7		396899.23	6907766.89	1205
1124844	21/08/2016	193038	23	N	837.5		25.2	-25.8	4.2	13	66	2.05			-25.8	4.2		396905.54	6907779.85	1208
1124844	21/08/2016	193138	23	N	850		25.2	16.7	7.7	12	-73	2.26	9				396912.59	6907787.99	1208	
1124844	21/08/2016	193234	23	N	862.5		25.2	-24.2	-2.9	47	87	3.02			-24.2	-2.9		396920.35	6907799.09	1209
1124844	21/08/2016	193318	23	N	875		25.2	-29	-1.5	36	85	2.81			-29	-1.5		396924.91	6907809.84	1209
1124844	21/08/2016	194654	23	N	875	Likely Bad GPS Point, Times and values consistent with new location	25.2	-32.2	-2.3	98	-24	3.08			-32.2	-2.3		396925.27	6907810.14	1214
1124844	21/08/2016	195858	23	N	887.5		25.2	-30.8	-4.7	54	85	3.05			-30.8	-4.7		396931.3	6907819.08	1211
1124844	21/08/2016	200230	23	N	900		25.2	-38.5	-3.1	40	91	3.04	2				396939.66	6907829.16	1210	
1124844	21/08/2016	200310	23	N	912.5		25.2	-39.7	-5	70	83	3.32			-39.7	-5		396948.55	6907836.36	1211
1124844	21/08/2016	200358	23	N	925		25.2	-44.7	-5.9	55	94	3.3			-44.7	-5.9		396955.62	6907846.31	1212
1124844	21/08/2016	200438	23	N	937.5		25.2	-58.3	10.9	27	96	3.04			-58.3	10.9		396962.23	6907856.54	1211
1124844	21/08/2016	200522	23	N	950		25.2	-45.7	0.2	39	98	3.2			-45.7	0.2		396969.92	6907866.47	1211
1124844	21/08/2016	200618	23	N	962.5		25.2	-27.3	0	44	98	3.27			-27.3	0		396976.28	6907877.15	1211
1124844	21/08/2016	200658	23	N	975		25.2	4.4	3.1	74	98	3.74			4.4	3.1		396983.5	6907886.49	1210
1124844	21/08/2016	200810	23	N	987.5		25.2	20.9	7.5	74	94	3.64			20.9	7.5		396991.16	6907896.77	1207
1124844	21/08/2016	201042	23	N	1000		25.2	11.1	5	70	78	3.19			11.1	5		397000.73	6907908.75	1208
1124844	21/08/2016	201206	23	N	1012.5		25.2	2.6	3.8	55	85	3.06			2.6	3.8		397006.45	6907918.88	1208
1124844	21/08/2016	201310	23	N	1025		25.2	-12.1	5	69	79	3.17			-12.1	5		397013.77	6907929.55	1208
1124844	21/08/2016	201438	23	N	1037.5		25.2	-3.6	6.8	91	76	3.61			-3.6	6.8		397025.16	6907939.11	1207
1124844	21/08/2016	201638	23	N	1050		25.2	3.4	6.2	39	91	3.01			3.4	6.2		397030.47	6907953.25	1208
1124844	21/08/2016	201754	23	N	1062.5		25.2	-1.8	6.7	47	83	2.91			-1.8	6.7		397038.14	6907963.43	1208
1124844	21/08/2016	201834	23	N	1075		25.2	-4.7	8.5	72	78	3.23			-4.7	8.5		397046.15	6907972.84	1208
1124844	21/08/2016	201918	23	N	1087.5		25.2	-5.3	6.7	43	84	2.87			-5.3	6.7		397051.84	6907983.21	1208
1124844	21/08/2016	201954	23	N	1100		25.2	-14.7	6.8	50	87	3.05			-14.7	6.8		397060.15	6907992.62	1206
1124844	21/08/2016	202046	23	N	1112.5		25.2	-13.6	7.9	23	77	2.44			-13.6	7.9		397065.85	6908003.19	1205
1124844	21/08/2016	202130	23	N	1125		25.2	-12.6	16.4	20	69	2.19			-12.6	16.4		397072.33	6908015.07	1205
1124844	21/08/2016	202402	23	N	1137.5		25.2	-10.5	4.8	61	89	3.29			-10.5	4.8		397079.59	6908023.39	1205
1124844	21/08/2016	202442	23	N	1150		25.2	-15.7	16.8	41	90	3.02			-15.7	16.8		397086.58	6908033.47	1205
1124844	21/08/2016	202526	23	N	1162.5		25.2	-4.1	4.5	85	83	3.61			-4.1	4.5		397093.81	6908044.03	1203
1124844	21/08/2016	202614	23	N	1175		25.2	-2.2	13.4	62	85	3.2			-2.2	13.4		397101.27	6908053.07	1203
1124844	21/08/2016	202658	23	N	1187.5		25.2	-4.8	14.3	29	82	2.64			-4.8	14.3		397109.12	6908065.57	1203
1124844	21/08/2016	202742	23	N	1200		25.2	-10.1	7.8	45	88	3.01			-10.1	7.8		397115.59	6908074.08	1201
1124844	21/08/2016	202910	23	N	1212.5		25.2	-3.1	5.9	63	95	3.47			-3.1	5.9		397119.26	6908086.19	1202
1124844	21/08/2016	203114	23	N	1225		25.2	-1.1	7.5	80	86	3.57			-1.1	7.5		397126.72	6908097.11	1202
1124844	21/08/2016	203234	23	N	1237.5		25.2	-2.9	7.7	71	74	3.14			-2.9	7.7		397134.39	6908105.84	1202
1124844	21/08/2016	203338	23	N	1250		25.2	-9	4.7	78	73	3.26			-9	4.7		397139.51	6908117.5	1201
1124844	21/08/2016	203738	23	N	1262.5		25.2	-16.7	0	42	88	2.97			-16.7	0		397146.34	6908128.59	1201
1124844	21/08/2016	203838	23	N	1275		25.2	-21.6	1.5	51	87	3.07			-21.6	1.5		397153.81	6908138.22	1200
1124844	21/08/2016	203922	23	N	1287.5		25.2	-15.3	-1.8	41	95	3.14			-15.3	-1.8		397162.17	6908146.63	1200
1124844	21/08/2016	204006	23	N	1300		25.2	-7.6	-1.3	63	91	3.37			-7.6	-1.3		397168.18	6908157.04	1200
1124844	21/08/2016	204054	23	N	1312.5		25.2	0	-7.8	82	93	3.78			0	-7.8		397175.11	6908168.44	1201
1124844	21/08/2016	204146	23	N	1325		25.2	1.5	-11.5	91	76	3.61			1.5	-11.5		397182.5	6908176.23	1202
1124844	21/08/2016	204310	23	N	1337.5		25.2	0	-9.6	86	78	3.53			0	-9.6		397189.43	6908188.72	1204
1124844	21/08/2016	204402	23	N	1350		25.2	-7.4	-19.8	45	87	2.98			-7.4	-19.8		397195.45	6908198.85	1205

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	21/08/2016	204454	23	N	1362.5		25.2	-8.1	-17.7	79	87	3.56			-8.1	-17.7		397201.45	6908208.24	1206
1124844	21/08/2016	204618	23	N	1375		25.2	-4.4	-20.4	85	94	3.86			-4.4	-20.4		397209.45	6908213.72	1207
1124844	21/08/2016	204938	23	N	1387.5		25.2	14.4	-27.3	48	98	3.33			14.4	-27.3		397217.62	6908225.3	1209
1124844	21/08/2016	205230	23	N	1400		25.2	34.3	-45.4	27	88	2.81			34.3	-45.4		397222.2	6908237.56	1210
1124844	21/08/2016	205402	23	N	1412.5		25.2	30	-26.7	58	89	3.23			30	-26.7		397231.93	6908249.1	1211
1124844	21/08/2016	205450	23	N	1425		25.2	24.1	-30.5	37	86	2.86			24.1	-30.5		397235.82	6908260.73	1213
1124844	21/08/2016	205630	23	N	1437.5		25.2	25.8	-24.6	76	70	3.13			25.8	-24.6		397246.31	6908265.92	1213
1124844	21/08/2016	205814	23	N	1450		25.2	20.1	-28	50	81	2.91			20.1	-28		397256.14	6908275.01	1212
1124844	21/08/2016	205858	23	N	1462.5		25.2	18.8	-30.5	43	80	2.75			18.8	-30.5		397259.06	6908284.31	1215
1124844	21/08/2016	205954	23	N	1475		25.2	13.3	-24.8	59	75	2.91			13.3	-24.8		397265.84	6908294.6	1216
1124844	21/08/2016	210034	23	N	1487.5		25.2	12.7	-20.7	63	75	2.97			12.7	-20.7		397274.11	6908303.05	1216
1124844	21/08/2016	210118	23	N	1500		25.2	0.7	-30.5	19	68	2.14			0.7	-30.5		397279.96	6908313.74	1217
1124844	21/08/2016	210222	23	N	1512.5		25.2	6.4	-23.6	63	73	2.92			6.4	-23.6		397287.41	6908325.2	1218
1124844	21/08/2016	210306	23	N	1525		25.2	3	-19.4	57	80	2.98			3	-19.4		397296.02	6908334.12	1218
1124844	21/08/2016	210350	23	N	1537.5		25.2	-0.5	-20.5	66	72	2.96			-0.5	-20.5		397302.76	6908344.92	1219
1124844	21/08/2016	210434	23	N	1550		25.2	4.9	-15.7	63	75	2.98			4.9	-15.7		397313.06	6908357.32	1220
1124844	21/08/2016	210534	23	N	1562.5		25.2	5.7	-15.6	49	75	2.72			5.7	-15.6		397319.53	6908364.2	1219
1124844	21/08/2016	210618	23	N	1575		25.2	-0.3	-14	62	71	2.86			-0.3	-14		397327.89	6908374.55	1219
1124844	21/08/2016	210654	23	N	1587.5		25.2	-4.6	-18.4	33	77	2.55			-4.6	-18.4		397332.28	6908383.52	1221
1124844	21/08/2016	210750	23	N	1600		25.2	-10.2	-12.1	30	78	2.55			-10.2	-12.1		397337.96	6908395.06	1223
1124844	21/08/2016	210834	23	N	1612.5		25.2	-8.3	-15.6	46	84	2.93			-8.3	-15.6		397342.97	6908406.19	1224
1124844	21/08/2016	210918	23	N	1625		25.2	-3.1	-12.2	56	78	2.92			-3.1	-12.2		397349.84	6908415.26	1225
1124844	21/08/2016	211002	23	N	1637.5		25.2	-10	-9.7	26	79	2.54			-10	-9.7		397357.29	6908423.86	1226
1124844	21/08/2016	211102	23	N	1650		25.2	-4.6	-11	51	80	2.88			-4.6	-11		397364.72	6908434.54	1226
1124844	21/08/2016	211202	23	N	1662.5		25.2	-9.3	-11.6	44	79	2.76			-9.3	-11.6		397374.65	6908443.75	1228
1124844	21/08/2016	211310	23	N	1675		25.2	-9.2	-12.9	51	83	2.96			-9.2	-12.9		397379.19	6908453.26	1229
1124844	21/08/2016	211354	23	N	1687.5		25.2	-13.5	-7.9	29	80	2.59			-13.5	-7.9		397383.95	6908465.23	1231
1124844	21/08/2016	211438	23	N	1700		25.2	-6.9	-8.7	29	81	2.62			-6.9	-8.7		397389.7	6908477.99	1233
1124844	21/08/2016	211538	23	N	1712.5		25.2	-0.7	-4.7	53	86	3.07			-0.7	-4.7		397396.35	6908488.75	1234
1124844	21/08/2016	211638	23	N	1725		25.2	1.4	-3.3	47	83	2.92			1.4	-3.3		397402.24	6908500.58	1236
1124844	21/08/2016	211718	23	N	1737.5		25.2	-2	-0.5	64	71	2.91			-2	-0.5		397414.19	6908505.29	1236
1124844	21/08/2016	211810	23	N	1750		25.2	-6.4	-3.2	57	78	2.94			-6.4	-3.2		397422.74	6908514.75	1237
1124844	21/08/2016	211846	23	N	1762.5		25.2	-4	-5.3	68	76	3.1			-4	-5.3		397430.25	6908525.84	1239
1124844	21/08/2016	212006	23	N	1775		25.2	-2.4	-0.2	38	79	2.66			-2.4	-0.2		397437.75	6908536.33	1237
1124844	21/08/2016	212130	23	N	1787.5		25.2	1.3	-0.1	41	82	2.78			1.3	-0.1		397443.94	6908546.76	1236
1124844	21/08/2016	212222	23	N	1800		25.2	3.4	4.4	58	76	2.92			3.4	4.4		397450.05	6908557.65	1235
1124844	21/08/2016	212302	23	N	1812.5		25.2	0	4.4	79	64	3.1			0	4.4		397457.81	6908566.98	1231
1124844	21/08/2016	212342	23	N	1825		25.2	-0.3	1.4	35	69	2.36			-0.3	1.4		397465.15	6908576.36	1229
1124844	21/08/2016	212434	23	N	1837.5		25.2	-6.7	2.1	46	74	2.64			-6.7	2.1		397472.71	6908586.59	1228
1124844	21/08/2016	212514	23	N	1850		25.2	-7.4	1.4	49	83	2.93			-7.4	1.4		397479.12	6908598.04	1225
1124844	21/08/2016	212558	23	N	1862.5		25.2	0	3	55	83	3.02			0	3		397485.26	6908608.56	1223
1124844	21/08/2016	212654	23	N	1875		25.2	-3.6	0.8	54	80	2.93			-3.6	0.8		397491.28	6908619.64	1221
1124844	21/08/2016	212734	23	N	1887.5		25.2	-7.1	-0.2	43	81	2.78			-7.1	-0.2		397497.69	6908628.89	1220
1124844	21/08/2016	212810	23	N	1900		25.2	-7.9	-2.5	61	88	3.25			-7.9	-2.5		397504.37	6908637.85	1218
1124844	21/08/2016	212910	23	N	1912.5		25.2	2.3	-3.8	80	79	3.42			2.3	-3.8		397514.33	6908648.08	1217
1124844	21/08/2016	212954	23	N	1925		25.2	1.6	-8	41	85	2.86			1.6	-8		397521.6	6908657.57	1215
1124844	21/08/2016	213058	23	N	1937.5		25.2	2.3	-10.8	68	77	3.14	2					397527.41	6908667.97	1215
1124844	21/08/2016	214322	23	N	1937.5		25.2	1.3	-8.1	90	74	3.54			1.3	-8.1		397527.21	6908667.29	1215
1124844	24/08/2016	170754	25	N	0		25.2	-10	-7.5	31	88	2.83	1					396335.9	6906622.07	1060
1124844	24/08/2016	170822	25	N	0		25.2	-9.6	-7.6	39	87	2.89			-9.6	-7.6	Best Signal	396335.89	6906622.01	1060
1124844	24/08/2016	171454	25	N	12.5		25.2	-15.4	-9.2	33	88	2.84			-15.4	-9.2		396341.89	6906633	1064
1124844	24/08/2016	171606	25	N	25		25.2	-16.3	-11.4	42	87	2.93			-16.3	-11.4		396350	6906640.3	1071
1124844	24/08/2016	171718	25	N	37.5		25.2	-20.2	-12.7	53	86	3.06			-20.2	-12.7		396356.23	6906649.28	1081
1124844	24/08/2016	171802	25	N	50		25.2	-24.4	-13.8	43	94	3.14			-24.4	-13.8		396364.24	6906658.53	1083
1124844	24/08/2016	171938	25	N	62.5		25.2	-20.4	-11.5	63	91	3.36			-20.4	-11.5		396373.05	6906667.39	1085
1124844	24/08/2016	172018	25	N	75		25.2	-13	-6.7	75	88	3.53			-13	-6.7	Best Signal	396377.65	6906675.99	1088
1124844	24/08/2016	172038	25	N	75		25.2	-13.8	-6	71	88	3.43	1					396378.2	6906677.24	1089
1124844	24/08/2016	172126	25	N	87.5		25.2	-12.1	-6.4	61	90	3.31			-12.1	-6.4		396383.41	6906686.1	1092
1124844	24/08/2016	172218	25	N	100		25.2	-13.7	-6.6	57	88	3.21			-13.7	-6.6		396391.39	6906695.23	1094
1124844	24/08/2016	172254	25	N	112.5		25.2	-16.7	-7.3	42	94	3.12			-16.7	-7.3		396398.25	6906705.97	1095
1124844	24/08/2016	172354	25	N	125		25.2	-18	-9.2	59	94	3.38			-18	-9.2		396403.79	6906718.23	1097
1124844	24/08/2016	172442	25	N	137.5		25.2	-20.9	-9.6	52	92	3.22			-20.9	-9.6		396411.92	6906725.9	1100

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	172518	25	N	150		25.2	-19.4	-7.2	33	97	3.11			-19.4	-7.2		396419.85	6906735.35	1102
1124844	24/08/2016	172606	25	N	162.5		25.2	-17.8	-7.6	61	94	3.42			-17.8	-7.6		396428.38	6906745.04	1103
1124844	24/08/2016	172706	25	N	175		25.2	-17.1	-7.7	71	91	3.5			-17.1	-7.7		396434.41	6906755.09	1105
1124844	24/08/2016	172806	25	N	187.5		25.2	-17.3	-5.6	56	97	3.4			-17.3	-5.6		396440.73	6906764.86	1106
1124844	24/08/2016	173122	25	N	200		25.2	-9.7	-2.9	83	95	3.83	1					396448.33	6906773.99	1109
1124844	24/08/2016	173138	25	N	200		25.2	-10.8	-2.4	75	91	3.59			-10.8	-2.4	Better Data fit	396448.37	6906774.09	1109
1124844	24/08/2016	173226	25	N	212.5		25.2	-11.5	-4.5	55	95	3.34			-11.5	-4.5		396458.79	6906783.03	1110
1124844	24/08/2016	173314	25	N	225		25.2	-13.3	-6.3	60	96	3.44			-13.3	-6.3		396463.53	6906792.2	1111
1124844	24/08/2016	173402	25	N	237.5		25.2	-23.7	-8.7	40	98	3.22			-23.7	-8.7		396469.64	6906802.41	1113
1124844	24/08/2016	173438	25	N	250		25.2	-17.5	-4.6	-6	98	2.99			-17.5	-4.6		396472.49	6906815.44	1115
1124844	24/08/2016	173534	25	N	262.5		25.2	-15.5	-7.3	67	98	3.62			-15.5	-7.3		396478.79	6906826.11	1114
1124844	24/08/2016	173610	25	N	275		25.2	-13.5	-6.3	62	98	3.53	1					396486	6906837.14	1116
1124844	24/08/2016	173638	25	N	275		25.2	-13.4	-6.1	66	98	3.59			-13.4	-6.1	Better Signal	396485.39	6906837.77	1116
1124844	24/08/2016	173854	25	N	287.5		25.2	-5.2	-3.1	71	96	3.64			-5.2	-3.1		396493.67	6906847.17	1117
1124844	24/08/2016	173926	25	N	300		25.2	-2.5	-2.9	87	96	3.93			-2.5	-2.9		396500.57	6906856.77	1119
1124844	24/08/2016	173954	25	N	312.5		25.2	-5.5	-6.1	73	98	3.7			-5.5	-6.1		396508.15	6906866.47	1120
1124844	24/08/2016	174026	25	N	325		25.2	4.1	-1.4	66	96	3.55			4.1	-1.4		396516.21	6906877.45	1120
1124844	24/08/2016	174110	25	N	337.5		25.2	14	-2.9	71	97	3.66			14	-2.9		396523.51	6906886.6	1119
1124844	24/08/2016	174138	25	N	350		25.2	7.7	-5.3	63	98	3.54			7.7	-5.3		396531.86	6906897.11	1120
1124844	24/08/2016	174206	25	N	362.5		25.2	20.4	1.3	72	96	3.65			20.4	1.3		396539.15	6906907.64	1121
1124844	24/08/2016	174234	25	N	375		25.2	19.1	0.9	62	95	3.46			19.1	0.9		396546.9	6906918.48	1121
1124844	24/08/2016	174334	25	N	387.5		25.2	19.2	-1.8	65	94	3.46			19.2	-1.8	Best Fit	396553.32	6906925.84	1121
1124844	24/08/2016	174350	25	N	387.5		25.2	19.8	-2	69	93	3.52	1					396553.31	6906925.81	1121
1124844	24/08/2016	174410	25	N	387.5		25.2	16.9	-0.7	57	95	3.37	2					396553.29	6906925.79	1121
1124844	24/08/2016	174442	25	N	400		25.2	14.7	-3.1	55	94	3.32			14.7	-3.1	Better signal	396561.87	6906936.24	1120
1124844	24/08/2016	174502	25	N	400		25.2	13.7	-2.3	42	95	3.16	1					396561.67	6906935.69	1120
1124844	24/08/2016	174530	25	N	412.5		25.2	15.5	-2.1	61	92	3.36			15.5	-2.1		396570.65	6906943.91	1120
1124844	24/08/2016	174618	25	N	425		25.2	14.8	-2.9	72	91	3.53			14.8	-2.9		396576.69	6906955.25	1118
1124844	24/08/2016	174658	25	N	437.5		25.2	16.2	-2.9	61	88	3.26			16.2	-2.9		396583.35	6906963.67	1118
1124844	24/08/2016	174734	25	N	450		25.2	17.7	1.1	58	88	3.2			17.7	1.1		396589.98	6906974.81	1117
1124844	24/08/2016	174806	25	N	462.5		25.2	18.5	3.3	45	92	3.11			18.5	3.3		396597.49	6906983.58	1117
1124844	24/08/2016	174838	25	N	475		25.2	12.8	5.8	-21	97	3.01			12.8	5.8		396604.27	6906993.18	1116
1124844	24/08/2016	174926	25	N	487.5		25.2	10.6	0.8	52	86	3.06			10.6	0.8		396610.95	6907003.26	1114
1124844	24/08/2016	174958	25	N	500		25.2	8.4	0.9	44	93	3.12			8.4	0.9	Bettersignal	396615.72	6907014.74	1113
1124844	24/08/2016	175018	25	N	500		25.2	8.2	0.8	59	81	3.05	1					396616.19	6907014.93	1113
1124844	24/08/2016	175058	25	N	512.5		25.2	6.4	0.5	71	80	3.25			6.4	0.5	Better Signal	396623.11	6907026.02	1112
1124844	24/08/2016	175118	25	N	512.5		25.2	5.1	1.3	67	77	3.1	1					396623.52	6907026.16	1112
1124844	24/08/2016	175158	25	N	525		25.2	4.4	2.4	59	83	3.09			4.4	2.4	Better fit	396630.63	6907035.98	1111
1124844	24/08/2016	175218	25	N	525		25.2	5.2	2.3	42	84	2.86	1					396630.92	6907035.85	1111
1124844	24/08/2016	175322	25	N	537.5		25.2	6.1	3.6	51	89	3.11			6.1	3.6	Better Data fit	396638.18	6907044.62	1110
1124844	24/08/2016	175338	25	N	537.5		25.2	4.8	4.3	47	87	3	2					396638.34	6907044.59	1109
1124844	24/08/2016	175358	25	N	537.5		25.2	3.8	4.9	54	83	3.01	1					396637.97	6907044.7	1109
1124844	24/08/2016	175434	25	N	550		25.2	4.7	6.7	50	89	3.1			4.7	6.7		396646.71	6907057.13	1107
1124844	24/08/2016	175502	25	N	562.5		25.2	5.2	7.9	54	85	3.07			5.2	7.9		396654.13	6907066.57	1106
1124844	24/08/2016	175534	25	N	575		25.2	3.8	9	46	88	3.01			3.8	9		396659.56	6907076.49	1105
1124844	24/08/2016	175618	25	N	587.5		25.2	2.4	8.5	65	78	3.1			2.4	8.5	Best Data fit	396667.53	6907085.27	1103
1124844	24/08/2016	175638	25	N	587.5		25.2	1	9.1	62	80	3.09	2					396667.55	6907085.44	1102
1124844	24/08/2016	175654	25	N	587.5		25.2	1.9	8.8	60	82	3.1	1					396667.63	6907085.56	1102
1124844	24/08/2016	175734	25	N	600		25.2	-0.3	9.1	60	83	3.1			-0.3	9.1	Best Signal	396674.85	6907095.65	1100
1124844	24/08/2016	175750	25	N	600		25.2	-0.3	9.7	55	83	3.03	1					396674.94	6907095.42	1101
1124844	24/08/2016	175822	25	N	612.5		25.2	-2.7	9.7	62	82	3.12			-2.7	9.7		396680.89	6907105.93	1099
1124844	24/08/2016	175910	25	N	625		25.2	-2.4	11	40	90	2.99			-2.4	11		396687.2	6907116.25	1099
1124844	24/08/2016	175958	25	N	637.5		25.2	-4.8	11.8	50	85	2.99	1					396696.33	6907125.98	1098
1124844	24/08/2016	180034	25	N	637.5		25.2	-3.9	11.4	51	84	2.99			-3.9	11.4	Better data fit	396696.27	6907126.23	1098
1124844	24/08/2016	180110	25	N	650		25.2	-5.3	12	45	86	2.96			-5.3	12		396703.62	6907135.43	1097
1124844	24/08/2016	180142	25	N	662.5		25.2	-6.1	12.7	58	79	2.98			-6.1	12.7		396712.03	6907146.19	1097
1124844	24/08/2016	180214	25	N	675		25.2	-9.5	13.3	56	84	3.08			-9.5	13.3		396719.38	6907155.8	1097
1124844	24/08/2016	180254	25	N	687.5		25.2	-12.4	14.2	33	91	2.95			-12.4	14.2		396725.82	6907165.21	1096
1124844	24/08/2016	180326	25	N	700		25.2	-14.6	14.1	36	91	2.97			-14.6	14.1		396731.05	6907176.43	1097
1124844	24/08/2016	180402	25	N	712.5		25.2	-25.7	16.2	34	94	3.02			-25.7	16.2		396738.59	6907188.15	1097
1124844	24/08/2016	180442	25	N	725		25.2	-21.5	14.2	38	94	3.08			-21.5	14.2		396741.5	6907199.9	1097
1124844	24/08/2016	180626	25	N	737.5		25.2	-24.8	12.5	41	92	3.06			-24.8	12.5		396750.51	6907208.77	1097

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	180702	25	N	750		25.2	-24.8	11.3	57	85	3.12	1					396758.54	6907218.31	1098
1124844	24/08/2016	180718	25	N	750		25.2	-24.3	10.8	69	88	3.41			-24.3	10.8	Better Signal	396758.56	6907218.61	1099
1124844	24/08/2016	180750	25	N	762.5		25.2	-23.6	11.2	62	93	3.39			-23.6	11.2		396766.15	6907227.09	1100
1124844	24/08/2016	180826	25	N	775		25.2	-20.5	11.3	41	97	3.21			-20.5	11.3		396771.47	6907238.66	1102
1124844	24/08/2016	180906	25	N	787.5		25.2	-15.5	9	60	97	3.47			-15.5	9		396780.28	6907248.59	1103
1124844	24/08/2016	180946	25	N	800		25.2	-11.6	8.4	56	97	3.4			-11.6	8.4		396785.1	6907256.66	1104
1124844	24/08/2016	181022	25	N	812.5		25.2	-7.5	6.7	62	94	3.41			-7.5	6.7		396791.97	6907268.95	1105
1124844	24/08/2016	181126	25	N	825		25.2	-7.7	5.5	40	98	3.2			-7.7	5.5		396799.59	6907279.66	1107
1124844	24/08/2016	181158	25	N	837.5		25.2	-9.8	4.6	34	95	3.08			-9.8	4.6		396806.1	6907289.13	1108
1124844	24/08/2016	181230	25	N	850		25.2	-4.9	2.7	52	95	3.3			-4.9	2.7		396811.87	6907300.14	1110
1124844	24/08/2016	181306	25	N	862.5		25.2	-4.6	1.6	55	94	3.33			-4.6	1.6		396820.32	6907309.38	1110
1124844	24/08/2016	181350	25	N	875		25.2	-6.6	1.5	61	91	3.35			-6.6	1.5		396829	6907319.21	1110
1124844	24/08/2016	181426	25	N	887.5		25.2	-7.8	3.3	23	96	3			-7.8	3.3		396834.58	6907329.69	1112
1124844	24/08/2016	181534	25	N	900		25.2	-9.2	1.9	59	94	3.37			-9.2	1.9		396842.4	6907340	1112
1124844	24/08/2016	181614	25	N	912.5		25.2	-11	1.1	62	93	3.4			-11	1.1		396847.81	6907347.27	1114
1124844	24/08/2016	181654	25	N	925		25.2	-15.3	0.9	64	89	3.35			-15.3	0.9		396857.2	6907357.27	1114
1124844	24/08/2016	181734	25	N	937.5		25.2	-17.3	-0.8	94	75	3.65			-17.3	-0.8		396868.17	6907365.95	1115
1124844	24/08/2016	181802	25	N	937.5		25.2	-17.4	-1.1	56	93	3.3	1					396867.49	6907366.53	1115
1124844	24/08/2016	181858	25	N	950		25.2	-19.8	-3.6	56	95	3.37			-19.8	-3.6	BetterSignal;	396873.3	6907376.49	1117
1124844	24/08/2016	182006	25	N	962.5		25.2	-20.5	-5.5	67	97	3.59			-20.5	-5.5		396879.48	6907385.89	1117
1124844	24/08/2016	182042	25	N	975		25.2	-17.8	-6.5	59	96	3.41			-17.8	-6.5		396885.7	6907394.12	1119
1124844	24/08/2016	182122	25	N	987.5		25.2	-17.8	-8.6	44	98	3.28			-17.8	-8.6		396892.93	6907404.09	1122
1124844	24/08/2016	182238	25	N	1000		25.2	-10.6	-12	90	91	3.89			-10.6	-12		396899.48	6907415.15	1123
1124844	24/08/2016	182334	25	N	1012.5		25.2	-9	-13.5	87	94	3.9			-9	-13.5		396906.51	6907424.29	1126
1124844	24/08/2016	182414	25	N	1025		25.2	-6.4	-20	23	98	3.07			-6.4	-20		396910.78	6907435.84	1127
1124844	24/08/2016	182454	25	N	1037.5		25.2	-0.8	-21.4	37	98	3.19			-0.8	-21.4		396914.32	6907447.81	1130
1124844	24/08/2016	182526	25	N	1050		25.2	2.4	-22.7	50	98	3.35			2.4	-22.7		396919.11	6907458.38	1131
1124844	24/08/2016	182602	25	N	1062.5		25.2	3.5	-22.1	64	97	3.54			3.5	-22.1		396924.51	6907471.55	1132
1124844	24/08/2016	182638	25	N	1075		25.2	7.1	-23.6	64	95	3.46	1					396932.14	6907480.94	1134
1124844	24/08/2016	182658	25	N	1075		25.2	2	-23.3	53	98	3.38			2	-23.3	Better data fit	396932.57	6907481.24	1133
1124844	24/08/2016	182738	25	N	1087.5		25.2	8	-23.5	46	98	3.3			8	-23.5		396940.05	6907489.44	1136
1124844	24/08/2016	182826	25	N	1100		25.2	15	-23.4	54	96	3.35			15	-23.4		396947.46	6907500.29	1138
1124844	24/08/2016	183038	25	N	1112.5		25.2	14.8	-22	79	90	3.64			14.8	-22		396953.85	6907509.95	1140
1124844	24/08/2016	183122	25	N	1125		25.2	17.2	-22.9	53	92	3.24			17.2	-22.9		396962.16	6907519.17	1140
1124844	24/08/2016	183210	25	N	1137.5		25.2	15	-20.3	59	96	3.43			15	-20.3	BetterSignal;	396969.57	6907526.91	1141
1124844	24/08/2016	183242	25	N	1137.5		25.2	15.7	-20.7	55	93	3.28	1					396970.22	6907527.24	1142
1124844	24/08/2016	183318	25	N	1150		25.2	12.9	-18.7	69	82	3.26			12.9	-18.7		396977.53	6907538.03	1143
1124844	24/08/2016	183406	25	N	1162.5		25.2	10.5	-17.5	71	85	3.36			10.5	-17.5		396984.69	6907552.22	1146
1124844	24/08/2016	183426	25	N	1162.5		25.2	9.4	-16.3	78	77	3.33			9.4	-16.3	Better signal	396984.98	6907552.32	1145
1124844	24/08/2016	183530	25	N	1175		25.2	7.5	-15.5	57	89	3.21	1					396997.25	6907566.74	1147
1124844	24/08/2016	183602	25	N	1187.5		25.2	4.1	-14.2	69	81	3.23			4.1	-14.2		397005.78	6907574.51	1149
1124844	24/08/2016	183642	25	N	1200		25.2	1.1	-13.1	83	75	3.4			1.1	-13.1	BetterSignal	397014.13	6907583.7	1150
1124844	24/08/2016	183702	25	N	1200		25.2	-1.8	-12.1	60	85	3.17	1					397013.27	6907583.94	1149
1124844	24/08/2016	183742	25	N	1212.5		25.2	-1.6	-13.2	74	84	3.41			-1.6	-13.2	BetterSignal	397020.41	6907592.78	1151
1124844	24/08/2016	183758	25	N	1212.5		25.2	-2.2	-12.6	74	82	3.38	1					397020.73	6907592.06	1150
1124844	24/08/2016	183946	25	N	1225		25.2	-1.1	-9.8	61	94	3.4			-1.1	-9.8		397029.12	6907604.37	1153
1124844	24/08/2016	184026	25	N	1237.5		25.2	2.6	-6.3	45	93	3.13			2.6	-6.3		397033.9	6907613.41	1155
1124844	24/08/2016	184110	25	N	1250		25.2	6.2	-1.6	28	94	2.97			6.2	-1.6		397040.6	6907622.22	1156
1124844	24/08/2016	184154	25	N	1262.5		25.2	1.1	-3	44	89	3.01			1.1	-3		397046.08	6907634.04	1158
1124844	24/08/2016	184234	25	N	1275		25.2	-4.1	-3.3	45	93	3.14			-4.1	-3.3		397052.91	6907643.81	1158
1124844	24/08/2016	184314	25	N	1287.5		25.2	-7.8	-1.7	29	94	2.98			-7.8	-1.7		397058.69	6907654.06	1160
1124844	24/08/2016	184702	25	N	1300		25.2	-12	-4.7	35	93	3.01			-12	-4.7	Better data fit	397067.31	6907665.42	1162
1124844	24/08/2016	184722	25	N	1300		25.2	-16.1	-3.2	31	94	3.01	1					397067.1	6907665.24	1162
1124844	24/08/2016	184754	25	N	1312.5		25.2	-20.5	-6.5	44	90	3.05			-20.5	-6.5		397071.24	6907671.34	1162
1124844	24/08/2016	184842	25	N	1325		25.2	-25.5	-8.6	35	92	3			-25.5	-8.6		397079.17	6907679.93	1163
1124844	24/08/2016	184938	25	N	1337.5		25.2	-24.6	-8.5	59	95	3.4	1					397087.1	6907689.87	1165
1124844	24/08/2016	184958	25	N	1337.5		25.2	-25.8	-8.4	61	96	3.47			-25.8	-8.4	Better signal	397086.88	6907688.96	1165
1124844	24/08/2016	185038	25	N	1350		25.2	-17.9	-5.1	78	95	3.74			-17.9	-5.1		397094.78	6907698.33	1166
1124844	24/08/2016	185130	25	N	1362.5		25.2	-21.7	-4.1	78	95	3.73	2					397103.91	6907705.31	1167
1124844	24/08/2016	185150	25	N	1362.5		25.2	-19.7	-4.8	82	97	3.84	1					397104.49	6907706.5	1167
1124844	24/08/2016	185206	25	N	1362.5		25.2	-18.2	-4.9	87	94	3.9			-18.2	-4.9	Best Signal	397103.53	6907706.72	1167
1124844	24/08/2016	185254	25	N	1375		25.2	-12.6	-3.7	82	98	3.89			-12.6	-3.7		397112.86	6907714.23	1169

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	185434	25	N	1387.5		25.2	21.1	7.7	67	98	3.61			21.1	7.7		397117.99	6907725.95	1169
1124844	24/08/2016	185518	25	N	1400		25.2	20.2	7.5	78	93	3.69			20.2	7.5		397124.16	6907735.94	1170
1124844	24/08/2016	185550	25	N	1412.5		25.2	13.5	6.4	74	94	3.62			13.5	6.4		397129.23	6907746.65	1172
1124844	24/08/2016	185630	25	N	1425		25.2	14.1	6	53	90	3.19			14.1	6		397136.97	6907757.42	1172
1124844	24/08/2016	185706	25	N	1437.5		25.2	9	3.9	45	94	3.16			9	3.9		397142.86	6907765.83	1173
1124844	24/08/2016	185750	25	N	1450		25.2	7.9	5.4	66	88	3.33			7.9	5.4		397150.26	6907777.41	1174
1124844	24/08/2016	185830	25	N	1462.5		25.2	1.3	7.3	27	97	3.05			1.3	7.3		397159.23	6907786.35	1174
1124844	24/08/2016	185914	25	N	1475		25.2	-3.4	5.6	50	90	3.13			-3.4	5.6		397163.51	6907798.73	1176
1124844	24/08/2016	185950	25	N	1487.5		25.2	-7.2	4.5	42	92	3.07			-7.2	4.5		397169.64	6907808.31	1174
1124844	24/08/2016	190050	25	N	1500		25.2	-12.1	2.4	60	84	3.14			-12.1	2.4		397176.18	6907820.22	1176
1124844	24/08/2016	190150	25	N	1512.5		25.2	-19.2	1.9	51	88	3.09			-19.2	1.9		397185.34	6907826.36	1176
1124844	24/08/2016	190254	25	N	1525		25.2	-25.1	0.5	57	85	3.13	1					397193.81	6907833.46	1175
1124844	24/08/2016	190318	25	N	1525		25.2	-25.3	0	62	85	3.2			-25.3	0	better signal	397194.49	6907832.65	1174
1124844	24/08/2016	190434	25	N	1537.5		25.2	-27.7	-0.5	76	86	3.48	1					397202.18	6907845.99	1176
1124844	24/08/2016	190454	25	N	1537.5		25.2	-25.9	-0.7	69	92	3.51			-25.9	-0.7	Better signal	397202.46	6907845.24	1175
1124844	24/08/2016	190546	25	N	1550		25.2	-27.1	2.4	53	95	3.32			-27.1	2.4	Better data fit	397211.95	6907854.91	1175
1124844	24/08/2016	190614	25	N	1550		25.2	-29.4	2.7	56	96	3.39	1					397212.1	6907852.68	1178
1124844	24/08/2016	190846	25	N	1562.5		25.2	-23.8	3.9	66	98	3.58			-23.8	3.9		397217.46	6907864.08	1178
1124844	24/08/2016	190930	25	N	1575		25.2	-20.6	11.9	57	98	3.46			-20.6	11.9		397226.41	6907875.17	1177
1124844	24/08/2016	191010	25	N	1587.5		25.2	-11.1	13	57	98	3.45	1					397229.2	6907884.15	1178
1124844	24/08/2016	191030	25	N	1587.5		25.2	-12	12	62	97	3.5			-12	12	Better signal	397229.17	6907883.31	1177
1124844	24/08/2016	191106	25	N	1600		25.2	-3.9	12.7	90	93	3.94			-3.9	12.7		397234.41	6907895.93	1178
1124844	24/08/2016	191154	25	N	1612.5		25.2	-9.8	9.7	95	85	3.88			-9.8	9.7		397246.35	6907903.09	1178
1124844	24/08/2016	191250	25	N	1625		25.2	-7.6	6.6	92	85	3.81			-7.6	6.6		397248.67	6907913.97	1177
1124844	24/08/2016	191330	25	N	1637.5		25.2	-10.6	9.7	95	80	3.77			-10.6	9.7		397258.16	6907922.26	1178
1124844	24/08/2016	191418	25	N	1650		25.2	-10.3	6.8	84	90	3.74			-10.3	6.8		397264.92	6907933.48	1178
1124844	24/08/2016	191450	25	N	1662.5		25.2	-12.6	5.5	90	91	3.89			-12.6	5.5		397270.64	6907943.61	1178
1124844	24/08/2016	191550	25	N	1675		25.2	-12.4	4.8	76	94	3.68			-12.4	4.8		397277.25	6907953.88	1177
1124844	24/08/2016	191622	25	N	1687.5		25.2	-14.4	3.1	87	89	3.8			-14.4	3.1	Better signal	397282.97	6907965	1177
1124844	24/08/2016	191642	25	N	1687.5		25.2	-14.6	3.3	79	95	3.76	1					397282.9	6907965.52	1178
1124844	24/08/2016	191714	25	N	1700		25.2	-14.6	3.4	94	88	3.92			-14.6	3.4		397289.69	6907974.76	1179
1124844	24/08/2016	191758	25	N	1712.5		25.2	-9.8	6.3	98	86	3.97			-9.8	6.3		397299.91	6907983.59	1177
1124844	24/08/2016	191834	25	N	1725		25.2	-9.5	4.3	97	84	3.91			-9.5	4.3		397307.02	6907992.28	1177
1124844	24/08/2016	191950	25	N	1737.5		25.2	-5.9	3.7	76	98	3.77			-5.9	3.7		397312.13	6908006.09	1177
1124844	24/08/2016	192026	25	N	1750		25.2	-4.4	-0.8	89	96	3.98			-4.4	-0.8		397317.47	6908014.64	1178
1124844	24/08/2016	192106	25	N	1762.5		25.2	-5.5	-6.1	72	98	3.7			-5.5	-6.1	best point	397326.94	6908025.43	1179
1124844	24/08/2016	192122	25	N	1762.5		25.2	-5.5	-6.1	60	99	3.5	2					397326.8	6908025.12	1178
1124844	24/08/2016	192138	25	N	1762.5		25.2	-6.1	-6.3	75	98	3.77	1					397326.86	6908025.02	1178
1124844	24/08/2016	192222	25	N	1775		25.2	7.4	-4.4	99	99	4.25			7.4	-4.4		397334.17	6908034.45	1179
1124844	24/08/2016	192310	25	N	1787.5		25.2	13.7	-4.6	94	94	4.06			13.7	-4.6	Best Signal	397338.79	6908044.2	1178
1124844	24/08/2016	192330	25	N	1787.5		25.2	13.1	-4.6	92	96	4.05	1					397338.78	6908044.44	1179
1124844	24/08/2016	192406	25	N	1800		25.2	17.1	-8.3	74	96	3.71	1					397345.28	6908053.25	1180
1124844	24/08/2016	192426	25	N	1800		25.2	14.9	-7.6	91	96	4.01			14.9	-7.6	Best fit	397344.86	6908053.28	1181
1124844	24/08/2016	192454	25	N	1812.5		25.2	9.8	-12.9	93	83	3.79	1					397350.82	6908062.44	1181
1124844	24/08/2016	192510	25	N	1812.5		25.2	9.4	-13	94	84	3.82			9.4	-13	best signal	397351.26	6908061.99	1180
1124844	24/08/2016	192546	25	N	1825		25.2	7	-16.7	82	92	3.75			7	-16.7	best signal	397361.54	6908073.96	1181
1124844	24/08/2016	192602	25	N	1825		25.2	3	-15.1	69	97	3.61	1					397360.98	6908075.35	1186
1124844	24/08/2016	192650	25	N	1837.5		25.2	10.2	-14	68	94	3.54	1					397370.1	6908083.48	1183
1124844	24/08/2016	192706	25	N	1837.5		25.2	8.6	-13.8	61	98	3.5			8.6	-13.8	bes fit	397369.64	6908083.67	1182
1124844	24/08/2016	192738	25	N	1850		25.2	5.6	-15.4	60	95	3.41	1					397372.53	6908095.1	1185
1124844	24/08/2016	192806	25	N	1850		25.2	7	-16.2	64	98	3.57			7	-16.2	best signal	397372.3	6908094.56	1184
1124844	24/08/2016	192846	25	N	1862.5		25.2	3.2	-17.8	79	88	3.58			3.2	-17.8		397383.28	6908103.3	1185
1124844	24/08/2016	192922	25	N	1875		25.2	0.1	-16.4	85	87	3.71			0.1	-16.4	best signal	397392.62	6908109.24	1184
1124844	24/08/2016	192942	25	N	1875		25.2	-1.5	-15.5	71	93	3.57	1					397392.42	6908109.72	1185
1124844	24/08/2016	193126	25	N	1887.5		25.2	8.4	-15.7	37	98	3.18			8.4	-15.7		397397.43	6908118.58	1183
1124844	24/08/2016	193206	25	N	1900		25.2	6	-15.3	71	96	3.62			6	-15.3		397405.26	6908127.91	1183
1124844	24/08/2016	193246	25	N	1912.5		25.2	3.3	-15.1	68	88	3.38			3.3	-15.1		397413.38	6908139.53	1184
1124844	24/08/2016	193322	25	N	1925		25.2	0.2	-15.5	46	96	3.23			0.2	-15.5		397420.81	6908148.88	1186
1124844	24/08/2016	193410	25	N	1937.5		25.2	-8.8	-15.6	30	97	3.1	1					397425.77	6908160.27	1186
1124844	24/08/2016	193438	25	N	1937.5		25.2	-4.7	-16.3	69	86	3.35			-4.7	-16.3	Best fit	397425.52	6908159.86	1189
1124844	24/08/2016	193514	25	N	1950		25.2	-7.3	-16	90	81	3.67			-7.3	-16		397429.56	6908171.77	1190
1124844	24/08/2016	193558	25	N	1962.5		25.2	4.6	-10.1	70	92	3.52			4.6	-10.1		397432.56	6908184.52	1191

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	193626	25	N	1975		25.2	4.4	-10	70	94	3.56	1					397432.86	6908185.11	1191
1124844	24/08/2016	193642	25	N	1975		25.2	3.8	-9.9	80	89	3.63			3.8	-9.9	best fit	397433.02	6908184.95	1191
1124844	24/08/2016	193718	25	N	1987.5		25.2	1.1	-11.8	75	89	3.53			1.1	-11.8		397437.22	6908194.05	1192
1124844	24/08/2016	193754	25	N	2000		25.2	-3.9	-15	65	86	3.3			-3.9	-15		397444.07	6908206.9	1192
1124844	24/08/2016	193834	25	N	2012.5		25.2	-8.4	-15.9	91	78	3.65			-8.4	-15.9		397449.93	6908217.36	1195
1124844	24/08/2016	193906	25	N	2025		25.2	-12.2	-15.9	89	75	3.55			-12.2	-15.9		397459.49	6908224.23	1194
1124844	24/08/2016	193942	25	N	2037.5		25.2	-11.9	-13.9	70	94	3.57			-11.9	-13.9		397466.66	6908233.86	1195
1124844	24/08/2016	194018	25	N	2050		25.2	-16.7	-15.3	70	96	3.61			-16.7	-15.3		397472.31	6908244.53	1195
1124844	24/08/2016	194106	25	N	2062.5		25.2	-1	-8.2	97	93	4.07			-1	-8.2		397484.23	6908254.83	1196
1124844	24/08/2016	194158	25	N	2075		25.2	8.5	-5.7	97	81	3.85			8.5	-5.7		397489.44	6908263.86	1195
1124844	24/08/2016	194234	25	N	2087.5		25.2	5.8	-7.2	96	72	3.64			5.8	-7.2		397500.73	6908271.99	1195
1124844	24/08/2016	194458	25	N	2100		25.2	8	-8.5	68	94	3.51			8	-8.5		397504.88	6908281.06	1198
1124844	24/08/2016	194654	25	N	2112.5		25.2	7.8	-7.3	73	91	3.55			7.8	-7.3		397510.57	6908289.44	1196
1124844	24/08/2016	194726	25	N	2125		25.2	9	-6.3	68	95	3.56			9	-6.3		397513.9	6908301.93	1197
1124844	24/08/2016	194754	25	N	2137.5		25.2	8.9	-4.3	91	85	3.78			8.9	-4.3		397522.93	6908311.86	1197
1124844	24/08/2016	194826	25	N	2150		25.2	12.8	-4.2	82	77	3.41			12.8	-4.2		397529.24	6908320.84	1198
1124844	24/08/2016	194854	25	N	2162.5		25.2	9.3	-3.2	98	68	3.62	1					397539.23	6908330.19	1197
1124844	24/08/2016	194910	25	N	2162.5		25.2	10.1	-3.7	97	72	3.67			10.1	-3.7	Better signal	397539.4	6908330.41	1197
1124844	24/08/2016	194946	25	N	2175		25.2	11	-4	91	88	3.86			11	-4		397546.64	6908340.62	1197
1124844	24/08/2016	195014	25	N	2187.5		25.2	19.8	1.7	72	92	3.57			19.8	1.7		397553.69	6908350.2	1196
1124844	24/08/2016	195050	25	N	2200		25.2	19.1	3.6	80	82	3.47			19.1	3.6	best fit	397562.55	6908359.73	1196
1124844	24/08/2016	195106	25	N	2200		25.2	16.7	4.5	74	84	3.39	1					397562.86	6908360.14	1196
1124844	24/08/2016	195134	25	N	2212.5		25.2	15.7	2.6	87	72	3.44			15.7	2.6		397570.24	6908369.5	1195
1124844	24/08/2016	195218	25	N	2225		25.2	13.6	2.6	60	89	3.27			13.6	2.6		397577.7	6908378.85	1192
1124844	24/08/2016	195246	25	N	2237.5		25.2	13.4	3.9	55	94	3.3			13.4	3.9		397584.44	6908389.79	1193
1124844	24/08/2016	195314	25	N	2250		25.2	12.1	4.1	63	85	3.2			12.1	4.1		397588.86	6908399.94	1192
1124844	24/08/2016	195354	25	N	2262.5		25.2	11.8	2.7	56	86	3.12	1					397591.16	6908412.74	1192
1124844	24/08/2016	195418	25	N	2262.5		25.2	12	2.5	58	90	3.26			12	2.5	best signal	397590.3	6908413.29	1191
1124844	24/08/2016	195454	25	N	2275		25.2	6	-0.7	77	80	3.38			6	-0.7		397597.25	6908423.89	1191
1124844	24/08/2016	195538	25	N	2287.5		25.2	1.8	1.8	60	91	3.33			1.8	1.8		397604.23	6908434.42	1190
1124844	24/08/2016	195610	25	N	2300		25.2	5.4	3.1	67	90	3.4			5.4	3.1		397610.33	6908443.99	1189
1124844	24/08/2016	195642	25	N	2312.5		25.2	7.9	3.9	82	79	3.47			7.9	3.9		397619.68	6908452.99	1187
1124844	24/08/2016	195734	25	N	2325		25.2	3.4	7.4	58	90	3.25	1					397629.18	6908461.27	1185
1124844	24/08/2016	195754	25	N	2325		25.2	4.3	5.9	89	79	3.62			4.3	5.9	bes signal	397629.25	6908461.3	1186
1124844	24/08/2016	195838	25	N	2337.5		25.2	4.1	5.2	84	81	3.54			4.1	5.2		397638.82	6908470.98	1185
1124844	24/08/2016	195910	25	N	2350		25.2	-1.3	4.4	94	69	3.56			-1.3	4.4		397645.02	6908477.29	1182
1124844	24/08/2016	195946	25	N	2362.5		25.2	-4.6	0.8	87	80	3.61			-4.6	0.8		397653.95	6908486.18	1182
1124844	24/08/2016	200022	25	N	2375		25.2	-12	-2.1	64	95	3.48			-12	-2.1		397663.18	6908496.08	1178
1124844	24/08/2016	200106	25	N	2387.5		25.2	-7.4	-1.6	75	98	3.74			-7.4	-1.6		397670.67	6908507.81	1177
1124844	24/08/2016	200138	25	N	2400		25.2	4.6	0.6	83	98	3.92			4.6	0.6		397675.16	6908515.84	1176
1124844	24/08/2016	200214	25	N	2412.5		25.2	5.6	1	96	78	3.76			5.6	1		397681.04	6908526.69	1176
1124844	24/08/2016	200246	25	N	2425		25.2	4	0	84	93	3.82			4	0		397688.05	6908537.47	1176
1124844	24/08/2016	200322	25	N	2437.5		25.2	8.8	-1.8	76	86	3.48			8.8	-1.8		397694.19	6908548.39	1174
1124844	24/08/2016	200354	25	N	2450		25.2	6.8	-2.7	85	86	3.67			6.8	-2.7		397701.6	6908557.71	1172
1124844	24/08/2016	200426	25	N	2462.5		25.2	2.5	-3.6	70	92	3.5			2.5	-3.6	best fit	397706.27	6908564.5	1171
1124844	24/08/2016	200442	25	N	2462.5		25.2	2.1	-3.4	67	93	3.5	1					397706.26	6908564.49	1172
8042731	24/08/2019	170502	27	N	0.00		25.2	13.2	0.8	42	113	3.66	1					396551.47	6906588.18	1096.00
8042732	24/08/2020	170522	27	N	0.00		25.2	13	0.3	42	112	3.65			13	0.3	nest signal	396551.55	6906588.10	1096.00
8042733	24/08/2021	170618	27	N	12.50		25.2	11.7	1	28	115	3.6	1					396558.70	6906598.80	1098.00
8042734	24/08/2022	170646	27	N	12.50		25.2	12	1.2	19	117	3.59	1					396559.26	6906599.71	1098.00
8042735	24/08/2023	170726	27	N	25.00		25.2	15.4	2.4	47	103	3.44			15.4	2.4	Best fit	396565.80	6906609.24	1098.00
8042736	24/08/2024	170810	27	N	37.50		25.2	22.3	5.8	43	108	3.52			22.3	5.8		396571.85	6906618.85	1102.00
8042737	24/08/2025	170850	27	N	50.00		25.2	24	6.4	51	111	3.71			24	6.4		396579.00	6906626.85	1103.00
8042738	24/08/2026	170950	27	N	62.50		25.2	22.9	5.1	22	123	3.79			22.9	5.1		396586.30	6906638.68	1104.00
8042739	24/08/2027	171046	27	N	75.00		25.2	16.7	3.9	17	58	3.66			16.7	3.9		396593.74	6906648.44	1106.00
8042740	24/08/2028	171125	27	N	87.50		25.2	16.3	5.1	16	61	3.82			16.3	5.1		396600.84	6906656.75	1107.00
8042741	24/08/2029	171154	27	N	100.00		25.2	17	5.3	10	59	3.64			17	5.3		396600.69	6906656.84	1107.00
8042742	24/08/2030	171454	27	N	112.50		25.2	-19.2	-6.6	10	59	3.67			-19.2	-6.6		396606.23	6906669.41	1110.00
8042743	24/08/2031	171550	27	N	125.00		25.2	-22.3	-8.9	21	60	3.89			-22.3	-8.9		396613.38	6906678.61	1113.00
8042744	24/08/2032	171630	27	N	137.50		25.2	-24.4	-8.3	20	60	3.86			-24.4	-8.3		396620.84	6906688.67	1114.00
8042745	24/08/2033	171722	27	N	150.00		25.2	-24.7	-7.8	21	60	3.86			-24.7	-7.8		396626.99	6906698.69	1116.00
8042746	24/08/2034	171810	27	N	162.50		25.2	-22.3	-7	15	64	4.02			-22.3	-7		396632.71	6906709.49	1117.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042747	24/08/2035	171854	27	N	175.00		25.2	-14.5	-5.1	13	67	4.13			-14.5	-5.1		396638.98	6906720.14	1117.00
8042748	24/08/2036	171938	27	N	187.50		25.2	-3.5	-0.8	33	66	4.48			-3.5	-0.8		396648.76	6906729.34	1121.00
8042749	24/08/2037	172018	27	N	200.00		25.2	1.8	1.7	26	61	4.03			1.8	1.7		396656.42	6906739.78	1121.00
8042750	24/08/2038	172058	27	N	212.50		25.2	6.4	3	30	65	4.34			6.4	3		396665.87	6906750.38	1122.00
8042751	24/08/2039	172146	27	N	225.00		25.2	8.5	4	27	61	4.07			8.5	4		396672.54	6906758.88	1124.00
8042752	24/08/2040	172306	27	N	237.50		25.2	4.7	2.7	30	58	3.97			4.7	2.7		396677.60	6906767.89	1125.00
8042753	24/08/2041	172346	27	N	250.00		25.2	3.8	3.3	28	56	3.8			3.8	3.3		396686.09	6906778.55	1126.00
8042754	24/08/2042	172454	27	N	262.50		25.2	4.6	4.1	29	55	3.82			4.6	4.1		396696.00	6906790.69	1127.00
8042755	24/08/2043	172554	27	N	275.00		25.2	3.8	4.3	38	50	3.81			3.8	4.3		396703.89	6906795.19	1128.00
8042756	24/08/2044	172654	27	N	287.50		25.2	-3.2	2.6	28	54	3.75			-3.2	2.6		396711.50	6906806.56	1129.00
8042757	24/08/2045	172730	27	N	300.00		25.2	-6.1	0.4	26	56	3.76			-6.1	0.4		396717.52	6906814.57	1128.00
8042758	24/08/2046	172902	27	N	312.50		25.2	-2.3	3.1	27	58	3.92			-2.3	3.1		396725.15	6906826.74	1128.00
8042759	24/08/2047	172942	27	N	325.00		25.2	-1.4	4.5	27	60	3.99			-1.4	4.5		396731.52	6906835.84	1130.00
8042760	24/08/2048	173046	27	N	337.50		25.2	3.3	5.5	21	61	3.94			3.3	5.5		396737.30	6906847.77	1128.00
8042761	24/08/2049	173130	27	N	350.00		25.2	4.9	7.7	24	59	3.9			4.9	7.7		396743.47	6906858.39	1128.00
8042762	24/08/2050	173222	27	N	362.50		25.2	10.4	10.8	19	58	3.73			10.4	10.8		396749.58	6906868.42	1128.00
8042763	24/08/2051	173302	27	N	375.00		25.2	11.6	11.8	22	56	3.66			11.6	11.8		396756.69	6906878.93	1128.00
8042764	24/08/2052	173354	27	N	387.50		25.2	8.4	11.4	24	53	3.54			8.4	11.4		396763.98	6906891.47	1128.00
8042765	24/08/2053	173434	27	N	400.00		25.2	8.5	12.2	21	54	3.52			8.5	12.2		396769.71	6906901.35	1127.00
8042766	24/08/2054	173518	27	N	412.50		25.2	7	13.9	37	47	3.65			7	13.9		396780.07	6906910.83	1127.00
8042767	24/08/2055	173602	27	N	425.00		25.2	2.4	12	60	103	3.62			2.4	12		396786.76	6906918.90	1124.00
8042768	24/08/2056	173658	27	N	437.50		25.2	0.5	13.1	48	105	3.49			0.5	13.1		396793.65	6906929.35	1125.00
8042769	24/08/2057	173910	27	N	450.00		25.2	-1	13	49	104	3.49			-1	13		396801.41	6906937.87	1126.00
8042770	24/08/2058	173958	27	N	462.50		25.2	-4.5	12.9	40	103	3.37			-4.5	12.9		396809.77	6906949.06	1124.00
8042771	24/08/2059	174038	27	N	475.00		25.2	-5.7	12.5	43	105	3.44			-5.7	12.5		396817.35	6906959.83	1122.00
8042772	24/08/2060	174118	27	N	487.50		25.2	-8.5	13	42	104	3.42			-8.5	13		396824.91	6906969.70	1121.00
8042773	24/08/2061	174154	27	N	500.00		25.2	-12.3	11.2	37	104	3.34			-12.3	11.2		396830.96	6906981.02	1120.00
8042774	24/08/2062	174230	27	N	512.50		25.2	-14	11.7	37	104	3.35			-14	11.7		396836.05	6906991.00	1118.00
8042775	24/08/2063	174314	27	N	525.00		25.2	-13	12.4	31	111	3.5			-13	12.4		396845.72	6907004.14	1116.00
8042776	24/08/2064	174346	27	N	537.50		25.2	-13.9	14	31	108	3.43			-13.9	14		396850.57	6907012.68	1115.00
8042777	24/08/2065	174430	27	N	550.00		25.2	-11.9	16	38	113	3.61			-11.9	16	best signal	396858.52	6907023.19	1113.00
8042778	24/08/2066	174446	27	N	550.00		25.2	-11.8	15.8	37	109	3.5	1					396858.37	6907023.48	1113.00
8042779	24/08/2067	174522	27	N	562.50		25.2	-9	18.4	32	113	3.57			-9	18.4		396866.54	6907034.27	1113.00
8042780	24/08/2068	174602	27	N	575.00		25.2	-8.5	20.1	39	104	3.38			-8.5	20.1		396874.36	6907044.33	1111.00
8042781	24/08/2069	174642	27	N	587.50		25.2	-9.6	20.2	37	108	3.48			-9.6	20.2		396883.00	6907055.84	1109.00
8042782	24/08/2070	174718	27	N	600.00		25.2	-10	21.3	49	107	3.57			-10	21.3		396888.67	6907063.31	1108.00
8042783	24/08/2071	174750	27	N	612.50		25.2	-9.2	22.3	44	104	3.44			-9.2	22.3		396895.56	6907071.07	1108.00
8042784	24/08/2072	174834	27	N	625.00		25.2	-11.6	21.6	40	101	3.31			-11.6	21.6		396902.61	6907081.43	1107.00
8042785	24/08/2073	174914	27	N	637.50		25.2	-14.6	20.9	35	102	3.27			-14.6	20.9		396910.38	6907091.82	1105.00
8042786	24/08/2074	175002	27	N	650.00		25.2	-20.3	19.1	35	105	3.37			-20.3	19.1		396918.97	6907103.92	1104.00
8042787	24/08/2075	175050	27	N	662.50		25.2	-21.9	17.9	48	96	3.27			-21.9	17.9		396924.60	6907112.75	1103.00
8042788	24/08/2076	175222	27	N	675.00		25.2	-19.6	20.5	31	110	3.46			-19.6	20.5		396930.48	6907121.59	1104.00
8042789	24/08/2077	175310	27	N	687.50		25.2	-20.8	20.1	19	108	3.32			-20.8	20.1		396938.08	6907131.62	1104.00
8042790	24/08/2078	175402	27	N	700.00		25.2	-22.4	19.2	30	111	3.5			-22.4	19.2		396945.70	6907142.18	1104.00
8042791	24/08/2079	175458	27	N	712.50		25.2	-22.4	17.8	41	111	3.59			-22.4	17.8		396952.36	6907152.84	1103.00
8042792	24/08/2080	175606	27	N	725.00		25.2	-19.5	18.2	42	112	3.62			-19.5	18.2		396962.37	6907162.66	1104.00
8042793	24/08/2081	175642	27	N	737.50		25.2	-20.7	16.5	40	106	3.44			-20.7	16.5		396968.50	6907171.46	1104.00
8042794	24/08/2082	175738	27	N	750.00		25.2	-19.8	16	18	115	3.54			-19.8	16		396973.78	6907183.18	1104.00
8042795	24/08/2083	175854	27	N	762.50		25.2	-18.6	14.8	49	110	3.68			-18.6	14.8		396979.39	6907193.49	1104.00
8042796	24/08/2084	180138	27	N	775.00		25.2	-18.2	13.6	51	105	3.56			-18.2	13.6		396986.42	6907202.40	1105.00
8042797	24/08/2085	180222	27	N	787.50		25.2	-19.6	12.6	39	111	3.56			-19.6	12.6		396992.87	6907214.07	1105.00
8042798	24/08/2086	180310	27	N	800.00		25.2	-17.8	12.2	6	119	3.62			-17.8	12.2		397000.41	6907226.11	1105.00
8042799	24/08/2087	180358	27	N	812.50		25.2	-18.3	13.3	43	114	3.7			-18.3	13.3		397009.95	6907236.05	1106.00
8042800	24/08/2088	180438	27	N	825.00		25.2	-18.5	12.3	49	117	3.85			-18.5	12.3		397016.45	6907246.37	1107.00
8042801	24/08/2089	180510	27	N	837.50		25.2	-19.5	11.5	35	115	3.64			-19.5	11.5		397022.20	6907254.17	1108.00
8042802	24/08/2090	180546	27	N	850.00		25.2	-20.5	10.7	43	111	3.62			-20.5	10.7		397028.32	6907262.98	1109.00
8042803	24/08/2091	180626	27	N	862.50		25.2	-19.4	9.8	65	108	3.84			-19.4	9.8		397036.60	6907273.54	1110.00
8042804	24/08/2092	180710	27	N	875.00		25.2	-21.1	8.6	42	114	3.69			-21.1	8.6		397045.16	6907285.93	1111.00
8042805	24/08/2093	180750	27	N	887.50		25.2	-20.1	7.2	44	114	3.71			-20.1	7.2		397052.24	6907297.58	1111.00
8042806	24/08/2094	180830	27	N	900.00		25.2	-18.9	5.9	38	119	3.78			-18.9	5.9		397057.07	6907304.90	1113.00
8042807	24/08/2095	180914	27	N	912.50		25.2	-18.3	4.4	45	119	3.87			-18.3	4.4		397063.35	6907314.93	1114.00
8042808	24/08/2096	181110	27	N	925.00		25.2	-17.9	2.1	34	117	3.71			-17.9	2.1		397071.80	6907328.85	1117.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042809	24/08/2097	181150	27	N	937.50		25.2	-17.3	0.7	37	122	3.87			-17.3	0.7		397077.07	6907336.07	1117.00
8042810	24/08/2098	181246	27	N	950.00		25.2	-16.5	-1.9	19	59	3.77			-16.5	-1.9		397084.99	6907346.82	1118.00
8042811	24/08/2099	181326	27	N	962.50		25.2	-15.7	-4.5	11	63	3.92			-15.7	-4.5		397091.61	6907356.14	1119.00
8042812	24/08/2100	181418	27	N	975.00		25.2	-14.3	-4.6	27	56	3.79			-14.3	-4.6		397098.49	6907366.52	1119.00
8042813	24/08/2101	181522	27	N	987.50		25.2	-13	-6.9	19	64	4.06			-13	-6.9		397106.30	6907378.65	1120.00
8042814	24/08/2102	181602	27	N	1000.00		25.2	-10.7	-7.4	21	59	3.85			-10.7	-7.4		397113.21	6907385.58	1122.00
8042815	24/08/2103	181722	27	N	1012.50		25.2	-8.9	-7.7	26	57	3.81			-8.9	-7.7		397121.54	6907394.75	1123.00
8042816	24/08/2104	181802	27	N	1025.00		25.2	-9.1	-8.1	22	57	3.74			-9.1	-8.1		397128.49	6907403.99	1124.00
8042817	24/08/2105	182014	27	N	1037.50		25.2	-9	-8.5	33	56	3.96			-9	-8.5		397138.35	6907413.82	1125.00
8042818	24/08/2106	182050	27	N	1050.00		25.2	-13.9	-9.2	25	58	3.87			-13.9	-9.2		397147.34	6907426.56	1126.00
8042819	24/08/2107	182130	27	N	1062.50		25.2	-17.1	-9	23	58	3.79			-17.1	-9		397156.47	6907440.00	1127.00
8042820	24/08/2108	182158	27	N	1075.00		25.2	-16.1	-8.2	26	56	3.78			-16.1	-8.2		397161.20	6907445.47	1127.00
8042821	24/08/2109	182242	27	N	1087.50		25.2	-13.5	-6.8	16	57	3.65			-13.5	-6.8		397166.23	6907453.84	1128.00
8042822	24/08/2110	182326	27	N	1100.00		25.2	-12	-8.8	-17	60	3.81			-12	-8.8		397170.03	6907464.82	1129.00
8042823	24/08/2111	182406	27	N	1112.50		25.2	-13.9	-8.2	-19	55	3.52			-13.9	-8.2		397172.00	6907476.13	1131.00
8042824	24/08/2112	182506	27	N	1125.00		25.2	-15.4	-5.2	21	53	3.47			-15.4	-5.2		397177.78	6907487.54	1131.00
8042825	24/08/2113	182602	27	N	1137.50		25.2	-14.4	-5.1	26	53	3.6			-14.4	-5.1		397187.22	6907494.64	1132.00
8042826	24/08/2114	182702	27	N	1150.00		25.2	-24.6	-8.7	5	56	3.41			-24.6	-8.7		397195.19	6907503.40	1136.00
8042827	24/08/2115	182818	27	N	1162.50		25.2	-21.4	-7.7	27	56	3.81			-21.4	-7.7		397202.69	6907512.56	1135.00
8042828	24/08/2116	182906	27	N	1175.00		25.2	-14.1	-4.8	21	57	3.7			-14.1	-4.8		397210.83	6907522.05	1137.00
8042829	24/08/2117	183006	27	N	1187.50		25.2	-5.9	-2.4	30	57	3.94			-5.9	-2.4		397220.29	6907530.63	1137.00
8042830	24/08/2118	183042	27	N	1200.00		25.2	12.4	1.6	14	61	3.82			12.4	1.6		397227.13	6907538.77	1142.00
8042831	24/08/2119	183118	27	N	1212.50		25.2	13.6	2.4	22	52	3.42			13.6	2.4		397233.83	6907546.35	1142.00
8042832	24/08/2120	183210	27	N	1225.00		25.2	2.2	-0.3	34	46	3.49			2.2	-0.3		397243.50	6907557.62	1141.00
8042833	24/08/2121	183314	27	N	1237.50		25.2	-4.5	0.5	48	103	3.46			-4.5	0.5		397252.98	6907569.21	1144.00
8042834	24/08/2122	183350	27	N	1250.00		25.2	-9.8	-0.9	47	101	3.39			-9.8	-0.9		397254.90	6907578.28	1144.00
8042835	24/08/2123	183442	27	N	1262.50		25.2	-21.1	-5.4	22	107	3.33			-21.1	-5.4		397263.29	6907593.14	1149.00
8042836	24/08/2124	183526	27	N	1275.00		25.2	-25.1	-5.4	52	104	3.54			-25.1	-5.4		397269.93	6907599.00	1149.00
8042837	24/08/2125	183618	27	N	1287.50		25.2	-25.6	-3.9	49	111	3.68			-25.6	-3.9		397274.77	6907609.19	1149.00
8042838	24/08/2126	183730	27	N	1300.00		25.2	-22.2	0.4	29	123	3.84			-22.2	0.4		397279.72	6907617.12	1149.00
8042839	24/08/2127	183810	27	N	1312.50		25.2	-8.8	6.6	18	55	3.56			-8.8	6.6		397286.36	6907628.70	1150.00
8042840	24/08/2128	183850	27	N	1325.00		25.2	-10.9	7.7	23	54	3.58			-10.9	7.7		397293.91	6907639.21	1152.00
8042841	24/08/2129	184202	27	N	1337.50		25.2	-16.3	7.5	25	52	3.53			-16.3	7.5		397303.36	6907652.48	1151.00
8042842	24/08/2130	184238	27	N	1350.00		25.2	-19.9	6.6	22	50	3.37			-19.9	6.6		397307.42	6907660.98	1154.00
8042843	24/08/2131	184314	27	N	1362.50		25.2	-25.1	3.9	20	54	3.51			-25.1	3.9		397314.94	6907668.96	1154.00
8042844	24/08/2132	184410	27	N	1375.00		25.2	-28.9	2.8	37	48	3.71			-28.9	2.8		397321.12	6907678.17	1156.00
8042845	24/08/2133	184546	27	N	1387.50		25.2	-30	6	58	113	3.86			-30	6		397328.43	6907689.50	1156.00
8042846	24/08/2134	184638	27	N	1400.00		25.2	-21.8	11.9	55	106	3.64			-21.8	11.9		397337.35	6907700.01	1157.00
8042847	24/08/2135	184730	27	N	1412.50		25.2	-27.5	10.5	53	107	3.62			-27.5	10.5		397344.12	6907708.46	1158.00
8042848	24/08/2136	184854	27	N	1425.00		25.2	-26.8	14	37	114	3.64			-26.8	14		397353.93	6907721.94	1159.00
8042849	24/08/2137	184930	27	N	1437.50		25.2	-24.9	17	39	107	3.46			-24.9	17		397359.83	6907730.17	1159.00
8042850	24/08/2138	185006	27	N	1450.00		25.2	-27.9	15.6	47	115	3.78			-27.9	15.6		397365.17	6907738.22	1160.00
8042851	24/08/2139	185058	27	N	1462.50		25.2	-29.6	16.5	50	110	3.67			-29.6	16.5		397371.82	6907747.70	1160.00
8042852	24/08/2140	185430	27	N	1475.00		25.2	-27.3	17.6	57	116	3.92			-27.3	17.6		397381.72	6907759.46	1160.00
8042853	24/08/2141	185506	27	N	1487.50		25.2	-23	20	51	116	3.86			-23	20		397387.85	6907767.53	1161.00
8042854	24/08/2142	185602	27	N	1500.00		25.2	-22.5	20.3	36	112	3.59			-22.5	20.3		397396.49	6907778.03	1162.00
8042855	24/08/2143	185646	27	N	1512.50		25.2	-24.5	21	50	112	3.71			-24.5	21		397404.78	6907787.66	1163.00
8042856	24/08/2144	185742	27	N	1525.00		25.2	-28.4	19.3	41	110	3.57			-28.4	19.3		397414.57	6907798.97	1163.00
8042857	24/08/2145	185826	27	N	1537.50		25.2	-32.3	19.6	49	113	3.73			-32.3	19.6		397421.82	6907807.92	1163.00
8042858	24/08/2146	185954	27	N	1550.00		25.2	-33.7	20.2	49	111	3.68			-33.7	20.2		397427.16	6907819.74	1163.00
8042859	24/08/2147	190046	27	N	1562.50		25.2	-39.4	16.4	35	114	3.63			-39.4	16.4		397433.33	6907830.56	1164.00
8042860	24/08/2148	190158	27	N	1575.00		25.2	-42.3	15.8	18	120	3.7			-42.3	15.8		397438.73	6907839.95	1163.00
8042861	24/08/2149	190238	27	N	1587.50		25.2	-43.1	14.8	46	125	4.05			-43.1	14.8		397444.15	6907851.17	1164.00
8042862	24/08/2150	190318	27	N	1600.00		25.2	-38.5	12.3	32	61	4.24			-38.5	12.3		397449.18	6907859.56	1165.00
8042863	24/08/2151	190402	27	N	1612.50		25.2	-34.6	11.4	23	64	4.18			-34.6	11.4		397454.96	6907868.31	1166.00
8042864	24/08/2152	190502	27	N	1625.00		25.2	-21.6	10.4	30	69	4.62			-21.6	10.4		397464.37	6907880.06	1165.00
8042865	24/08/2153	190542	27	N	1637.50		25.2	-15.1	8	27	69	4.5			-15.1	8		397471.71	6907888.68	1167.00
8042866	24/08/2154	190630	27	N	1650.00		25.2	-13.2	3.1	27	64	4.26			-13.2	3.1		397481.50	6907902.15	1166.00
8042867	24/08/2155	190714	27	N	1662.50		25.2	-13.5	-1.6	22	69	4.44			-13.5	-1.6		397487.54	6907913.07	1167.00
8042868	24/08/2156	190758	27	N	1675.00		25.2	-11.3	-3.5	13	74	4.57			-11.3	-3.5		397492.63	6907920.43	1167.00
8042869	24/08/2157	190846	27	N	1687.50		25.2	-3	-4.6	29	66	4.41			-3	-4.6		397501.88	6907931.02	1168.00
8042870	24/08/2158	190922	27	N	1700.00		25.2	1.8	-6.1	21	72	4.56			1.8	-6.1		397509.18	6907939.57	1166.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042871	24/08/2159	191006	27	N	1712.50		25.2	6	-8.5	14	68	4.24			6	-8.5		397516.95	6907951.39	1166.00
8042872	24/08/2160	191042	27	N	1725.00		25.2	5.4	-9.6	18	68	4.27			5.4	-9.6		397522.83	6907960.55	1167.00
8042873	24/08/2161	191134	27	N	1737.50		25.2	6.3	-9.6	25	68	4.42			6.3	-9.6		397530.36	6907969.36	1168.00
8042874	24/08/2162	191206	27	N	1750.00		25.2	9	-8.9	19	64	4.07			9	-8.9		397538.13	6907979.30	1165.00
8042875	24/08/2163	191242	27	N	1762.50		25.2	14.5	-7.9	23	65	4.21			14.5	-7.9		397544.66	6907987.22	1168.00
8042876	24/08/2164	191330	27	N	1775.00		25.2	21.2	-6.8	11	66	4.08			21.2	-6.8		397553.32	6907998.07	1168.00
8042877	24/08/2165	191402	27	N	1787.50		25.2	26.3	-4.1	14	61	3.81			26.3	-4.1		397559.73	6908008.43	1169.00
8042878	24/08/2166	191442	27	N	1800.00		25.2	24.6	-4.6	10	57	3.54			24.6	-4.6		397566.14	6908017.95	1169.00
8042879	24/08/2167	191526	27	N	1812.50		25.2	21.7	-4	13	52	3.26			21.7	-4		397572.55	6908028.88	1171.00
8042880	24/08/2168	191614	27	N	1825.00		25.2	15.8	-4.7	16	54	3.45			15.8	-4.7		397579.85	6908038.73	1171.00
8042881	24/08/2169	191702	27	N	1837.50		25.2	11.9	-4.4	7	52	3.24			11.9	-4.4		397587.57	6908050.50	1171.00
8042882	24/08/2170	191738	27	N	1850.00		25.2	4.9	-6.6	16	49	3.17			4.9	-6.6		397595.66	6908059.94	1171.00
8042883	24/08/2171	191810	27	N	1862.50		25.2	-2	-5.1	32	101	3.22			-2	-5.1		397600.89	6908068.80	1171.00
8042884	24/08/2172	191902	27	N	1875.00		25.2	-9.7	-4.7	40	108	3.52			-9.7	-4.7		397611.47	6908084.71	1172.00
8042885	24/08/2173	191934	27	N	1887.50		25.2	-7.4	-0.9	43	108	3.54			-7.4	-0.9		397616.54	6908091.81	1168.00
8042886	24/08/2174	192018	27	N	1900.00		25.2	-12.9	-2.6	30	112	3.52			-12.9	-2.6		397623.13	6908101.93	1169.00
8042887	24/08/2175	192058	27	N	1912.50		25.2	-8.9	0.5	23	112	3.47			-8.9	0.5		397630.55	6908113.68	1168.00
8042888	24/08/2176	192138	27	N	1925.00		25.2	-14.9	-0.8	36	112	3.56			-14.9	-0.8		397636.12	6908127.58	1170.00
8042889	24/08/2177	192210	27	N	1937.50		25.2	-15.8	-1.3	28	116	3.64			-15.8	-1.3		397639.61	6908134.35	1168.00
8042890	24/08/2178	192254	27	N	1950.00		25.2	-9.1	3	62	109	3.82			-9.1	3		397648.22	6908142.71	1171.00
8042891	24/08/2179	192334	27	N	1962.50		25.2	-2.5	7.1	38	113	3.63			-2.5	7.1		397651.36	6908153.04	1168.00
8042892	24/08/2180	192414	27	N	1975.00		25.2	-2	9.4	52	104	3.55			-2	9.4		397662.35	6908165.12	1167.00
8042893	24/08/2181	192450	27	N	1987.50		25.2	-8.2	6.5	44	107	3.51			-8.2	6.5		397669.15	6908173.76	1163.00
8042894	24/08/2182	192530	27	N	2000.00		25.2	-15.6	3.4	45	107	3.54			-15.6	3.4		397676.00	6908183.83	1165.00
8042895	24/08/2183	192606	27	N	2012.50		25.2	-20.8	0.9	38	113	3.63			-20.8	0.9		397682.60	6908195.09	1162.00
8042896	24/08/2184	192638	27	N	2025.00		25.2	-21.1	2	53	112	3.76			-21.1	2		397688.57	6908205.32	1165.00
8042897	24/08/2185	192802	27	N	2037.50		25.2	-21	1.1	74	112	4.08			-21	1.1		397698.57	6908218.03	1163.00
8042898	24/08/2186	192846	27	N	2050.00		25.2	-17.8	4	40	124	3.95			-17.8	4		397707.09	6908224.93	1163.00
8042899	24/08/2187	192914	27	N	2062.50		25.2	-6.7	6.5	30	61	4.13			-6.7	6.5		397711.79	6908231.00	1159.00
8042900	24/08/2188	193002	27	N	2075.00		25.2	-0.8	7.4	25	62	4.11			-0.8	7.4		397716.63	6908239.50	1158.00
8042901	24/08/2189	193046	27	N	2087.50		25.2	5.8	11.2	26	58	3.87			5.8	11.2		397722.82	6908247.87	1156.00
8042902	24/08/2190	193130	27	N	2100.00		25.2	10.7	13.9	27	54	3.68			10.7	13.9		397731.41	6908262.05	1158.00
8042903	24/08/2191	193206	27	N	2112.50		25.2	8.3	13.2	30	49	3.51			8.3	13.2		397737.70	6908270.36	1158.00
8042904	24/08/2192	193254	27	N	2125.00		25.2	3.2	12.3	47	102	3.42			3.2	12.3		397744.18	6908281.12	1158.00
8042905	24/08/2193	193434	27	N	2137.50		25.2	-3.8	10.1	35	106	3.38			-3.8	10.1		397751.52	6908293.29	1156.00
8042906	24/08/2194	193510	27	N	2150.00		25.2	-9.2	7.9	30	111	3.48			-9.2	7.9		397759.03	6908304.82	1154.00
8042907	24/08/2195	193558	27	N	2162.50		25.2	-9.3	7.8	51	99	3.39			-9.3	7.8		397765.09	6908314.85	1157.00
8042908	24/08/2196	193658	27	N	2175.00		25.2	-15.3	5.9	50	98	3.36			-15.3	5.9		397774.06	6908327.18	1154.00
8042909	24/08/2197	193738	27	N	2187.50		25.2	-19.7	2.2	59	107	3.72			-19.7	2.2		397782.31	6908338.70	1154.00
8042910	24/08/2198	193810	27	N	2200.00		25.2	-16.5	3.6	53	117	3.89			-16.5	3.6		397789.56	6908346.21	1152.00
8042911	24/08/2199	193846	27	N	2212.50		25.2	-23.9	2	35	115	3.66			-23.9	2		397795.94	6908352.28	1149.00
8042912	24/08/2200	193926	27	N	2225.00		25.2	-18.3	0.2	39	122	3.9			-18.3	0.2		397804.13	6908363.63	1149.00
8042913	24/08/2201	194018	27	N	2237.50		25.2	5	4.4	21	62	4.01			5	4.4		397814.48	6908376.51	1147.00
8042914	24/08/2202	194050	27	N	2250.00		25.2	7.2	5.5	21	62	3.99			7.2	5.5		397819.13	6908384.27	1147.00
8042915	24/08/2203	194130	27	N	2262.50		25.2	12.1	4.6	19	58	3.74			12.1	4.6		397828.65	6908396.62	1144.00
8042916	24/08/2204	194218	27	N	2275.00		25.2	13.4	5.3	26	58	3.86			13.4	5.3		397834.28	6908407.36	1144.00
8042917	24/08/2205	194246	27	N	2287.50		25.2	15.2	5.4	23	54	3.6			15.2	5.4		397840.21	6908416.16	1142.00
8042918	24/08/2206	194318	27	N	2300.00		25.2	15.1	5.3	23	55	3.64			15.1	5.3		397845.93	6908422.61	1139.00
8042919	24/08/2207	194350	27	N	2312.50		25.2	15.6	5	28	51	3.55			15.6	5		397852.28	6908431.67	1139.00
8042920	24/08/2208	194422	27	N	2325.00		25.2	14.2	4.4	30	50	3.56			14.2	4.4	best fit	397861.43	6908442.01	1137.00
8042921	24/08/2209	194442	27	N	2325.00		25.2	13.2	4.9	31	52	3.7	1					397861.45	6908441.62	1137.00
1124844	24/08/2016	234238	29	N	0.00		25.2	-8	1	96	74	3.67	1					396649.84	6906425.40	1095.00
1124844	24/08/2016	234310	29	N	0.00		25.2	-8.9	1.1	95	75	3.67	1					396649.41	6906425.27	1095.00
1124844	24/08/2016	234330	29	N	0.00		25.2	-8.6	1.5	91	82	3.72			-8.6	1.5	best signal	396649.40	6906425.23	1095.00
1124844	24/08/2016	234202	29	N	12.50		25.2	-10.9	-1.9	99	56	3.45			-10.9	-1.9		396654.74	6906430.36	1092.00
1124844	24/08/2016	234102	29	N	25.00		25.2	-13.7	-4.9	52	98	3.39			-13.7	-4.9		396664.80	6906440.90	1091.00
1124844	24/08/2016	234014	29	N	37.50		25.2	-11.9	-0.7	99	75	3.76			-11.9	-0.7		396673.17	6906450.20	1093.00
1124844	24/08/2016	233858	29	N	50.00		25.2	-21.4	-5	31	98	3.13	1					396681.44	6906459.61	1098.00
1124844	24/08/2016	233914	29	N	50.00		25.2	-21.1	-4.9	42	98	3.26	1					396680.90	6906458.77	1098.00
1124844	24/08/2016	233938	29	N	50.00		25.2	-15.2	-3.6	88	93	3.9			-15.2	-3.6	best fit	396680.57	6906459.83	1097.00
1124844	24/08/2016	233822	29	N	62.50		25.2	-20.2	-2.9	27	98	3.08			-20.2	-2.9		396684.60	6906471.54	1102.00
1124844	24/08/2016	233750	29	N	75.00		25.2	-10	-0.1	82	96	3.84			-10	-0.1		396691.29	6906482.45	1105.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	24/08/2016	233702	29	N	87.50		25.2	-9.7	-2.3	98	85	3.95	1					396697.53	6906489.78	1108.00
1124844	24/08/2016	233722	29	N	87.50		25.2	-9.6	-2.4	95	90	3.97					best signal;	396697.48	6906489.17	1106.00
1124844	24/08/2016	233626	29	N	100.00		25.2	-12.1	-4.9	98	83	3.9						396707.80	6906498.04	1114.00
1124844	24/08/2016	233426	29	N	112.50		25.2	-19.7	-6.1	78	96	3.76	1					396715.04	6906506.11	1115.00
1124844	24/08/2016	233450	29	N	112.50		25.2	-17.8	-5.6	95	95	4.08					best fit	396715.19	6906504.27	1114.00
1124844	24/08/2016	233354	29	N	125.00		25.2	-19.6	-6.6	98	93	4.11						396719.50	6906516.28	1117.00
1124844	24/08/2016	233306	29	N	137.50		25.2	-15.2	-5.1	70	97	3.64					better fit	396724.74	6906526.78	1118.00
1124844	24/08/2016	233322	29	N	137.50		25.2	-14.6	-4.9	80	98	3.85	1					396724.55	6906525.74	1119.00
1124844	24/08/2016	233234	29	N	150.00		25.2	-18.7	-6.9	88	98	4.01						396732.92	6906537.93	1120.00
1124844	24/08/2016	233150	29	N	162.50		25.2	-18.1	-3.7	94	98	4.13						396742.39	6906545.17	1123.00
1124844	24/08/2016	233118	29	N	175.00		25.2	-9	0.8	96	99	4.2						396748.53	6906555.45	1125.00
1124844	24/08/2016	233046	29	N	187.50		25.2	-7.3	2.9	86	98	3.97						396756.56	6906565.81	1127.00
1124844	24/08/2016	233014	29	N	200.00		25.2	-6.2	0.3	96	96	4.11						396764.33	6906577.51	1129.00
1124844	24/08/2016	232946	29	N	212.50		25.2	-13.5	-2.4	96	96	4.13						396770.35	6906588.31	1130.00
1124844	24/08/2016	232850	29	N	225.00		25.2	-10.7	-3.2	99	63	3.56	1					396776.68	6906597.84	1131.00
1124844	24/08/2016	232910	29	N	225.00		25.2	-10.2	-3.1	99	81	3.88					better signal	396776.72	6906597.13	1131.00
1124844	24/08/2016	232754	29	N	237.50		25.2	-14.4	-3.9	94	99	4.15						396788.87	6906604.28	1132.00
1124844	24/08/2016	232722	29	N	250.00		25.2	-13.1	-0.6	94	99	4.16						396797.16	6906613.99	1134.00
1124844	24/08/2016	232650	29	N	262.50		25.2	-13.5	-0.2	77	98	3.8						396803.05	6906624.09	1135.00
1124844	24/08/2016	232618	29	N	275.00		25.2	-9.1	-0.3	100	100	4.3						396809.15	6906634.04	1136.00
1124844	24/08/2016	232550	29	N	287.50		25.2	-8.3	-2.3	97	100	4.23						396813.66	6906643.94	1137.00
1124844	24/08/2016	232518	29	N	300.00		25.2	-1.3	3.2	71	98	3.69						396819.04	6906657.49	1137.00
1124844	24/08/2016	232450	29	N	312.50		25.2	2.4	4	96	99	4.18						396827.40	6906668.25	1138.00
1124844	24/08/2016	232426	29	N	325.00		25.2	-3.4	2.2	88	99	4.02						396834.62	6906676.18	1140.00
1124844	24/08/2016	232354	29	N	337.50		25.2	-2.2	0.6	69	98	3.65						396837.79	6906690.17	1142.00
1124844	24/08/2016	232250	29	N	350.00		25.2	2.1	4.9	90	99	4.07						396845.82	6906700.10	1144.00
1124844	24/08/2016	232150	29	N	362.50		25.2	5.7	4.8	99	97	4.23						396854.09	6906707.23	1145.00
1124844	24/08/2016	232102	29	N	375.00		25.2	4	4.2	99	91	4.09						396864.46	6906710.71	1147.00
1124844	24/08/2016	232006	29	N	387.50		25.2	-0.1	5.6	92	99	4.11	1					396875.33	6906720.57	1152.00
1124844	24/08/2016	232022	29	N	387.50		25.2	-0.1	5.1	94	99	4.15					better signal	396874.69	6906720.40	1151.00
1124844	24/08/2016	231934	29	N	400.00		25.2	-0.4	2.6	84	98	3.93						396882.05	6906732.11	1151.00
1124844	24/08/2016	231858	29	N	412.50		25.2	-5.3	3.1	63	98	3.55						396889.17	6906741.48	1151.00
1124844	24/08/2016	231826	29	N	425.00		25.2	-7	3	81	98	3.88						396894.23	6906753.02	1149.00
1124844	24/08/2016	231742	29	N	437.50		25.2	-3.9	5.9	27	98	3.1						396900.27	6906763.67	1149.00
1124844	24/08/2016	231654	29	N	450.00		25.2	-8.4	5.2	38	98	3.2						396903.58	6906776.96	1147.00
1124844	24/08/2016	231622	29	N	462.50		25.2	3.3	10.4	74	98	3.73						396911.85	6906786.68	1147.00
1124844	24/08/2016	231550	29	N	475.00		25.2	6.4	11.7	97	100	4.22						396917.19	6906797.35	1145.00
1124844	24/08/2016	231518	29	N	487.50		25.2	4.5	9.1	87	97	3.98						396925.74	6906806.78	1145.00
1124844	24/08/2016	231438	29	N	500.00		25.2	0.9	10	85	98	3.94						396932.68	6906817.13	1144.00
1124844	24/08/2016	231406	29	N	512.50		25.2	3.3	10	89	99	4.03						396940.95	6906826.10	1143.00
1124844	24/08/2016	231146	29	N	525.00		25.2	6	11.1	90	99	4.05						396946.72	6906835.51	1141.00
1124844	24/08/2016	231022	29	N	537.50		25.2	8	12.4	88	98	4.01						396955.49	6906845.93	1140.00
1124844	24/08/2016	230942	29	N	550.00		25.2	16.5	16.7	66	98	3.6						396963.52	6906856.67	1138.00
1124844	24/08/2016	230910	29	N	562.50		25.2	9.3	15.6	86	98	3.98						396967.06	6906866.95	1136.00
1124844	24/08/2016	230838	29	N	575.00		25.2	7.2	18.5	33	98	3.15						396976.22	6906876.38	1135.00
1124844	24/08/2016	230806	29	N	587.50		25.2	11.8	15.9	75	98	3.75						396983.04	6906886.95	1133.00
1124844	24/08/2016	230722	29	N	600.00		25.2	12.3	19.2	83	98	3.92						396990.98	6906896.01	1131.00
1124844	24/08/2016	230642	29	N	612.50		25.2	10.8	19.7	59	98	3.49						397001.20	6906904.41	1129.00
1124844	24/08/2016	230606	29	N	625.00		25.2	9.6	16.5	86	96	3.9						397005.60	6906916.65	1128.00
1124844	24/08/2016	230530	29	N	637.50		25.2	6.8	15.9	94	92	3.99						397014.30	6906923.74	1126.00
1124844	24/08/2016	230446	29	N	650.00		25.2	4.7	13.3	76	97	3.75						397024.57	6906931.78	1124.00
1124844	24/08/2016	230414	29	N	662.50		25.2	-0.8	14.7	49	98	3.34						397031.90	6906941.59	1122.00
1124844	24/08/2016	230326	29	N	675.00		25.2	4.1	15.8	45	98	3.29						397038.10	6906951.89	1120.00
1124844	24/08/2016	230250	29	N	687.50		25.2	2.2	18.2	57	98	3.45						397042.91	6906962.80	1118.00
1124844	24/08/2016	230218	29	N	700.00		25.2	-0.5	13.9	78	95	3.75						397050.16	6906974.12	1116.00
1124844	24/08/2016	230146	29	N	712.50		25.2	-3.3	12.3	73	98	3.71						397058.16	6906982.17	1114.00
1124844	24/08/2016	230050	29	N	725.00		25.2	-6.9	13.1	57	98	3.46						397064.14	6906993.62	1114.00
1124844	24/08/2016	230014	29	N	737.50		25.2	-7.9	11.7	84	96	3.89						397071.57	6907004.74	1113.00
1124844	24/08/2016	225934	29	N	750.00		25.2	-9.7	12.2	67	97	3.59						397077.34	6907014.93	1112.00
1124844	24/08/2016	225906	29	N	762.50		25.2	-8	10.5	88	95	3.94						397082.25	6907025.45	1110.00
1124844	24/08/2016	225834	29	N	775.00		25.2	-11.3	10.5	99	97	4.2						397088.68	6907037.69	1109.00
1124844	24/08/2016	225754	29	N	787.50		25.2	-12.3	10.7	84	98	3.92						397094.86	6907047.65	1109.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z	
1124844	24/08/2016	225722	29	N	800.00		25.2	-11.6	9.6	99	78	3.83			-11.6	9.6		397105.88	6907056.10	1108.00	
1124844	24/08/2016	225630	29	N	812.50		25.2	-15.7	9.7	59	98	3.48	2						397114.12	6907063.29	1108.00
1124844	24/08/2016	225654	29	N	812.50		25.2	-9.3	6.9	94	98	4.12			-9.3	6.9	best fit	397114.13	6907063.43	1108.00	
1124844	24/08/2016	225558	29	N	825.00		25.2	-13.1	8.3	96	97	4.16			-13.1	8.3		397121.74	6907074.49	1108.00	
1124844	24/08/2016	225318	29	N	837.50		25.2	-17.1	9.3	38	98	3.2	2						397149.05	6907071.35	1110.00
1124844	24/08/2016	225434	29	N	837.50		25.2	-12.6	8.9	99	94	4.15			-12.6	8.9	best fit	397129.27	6907083.47	1109.00	
1124844	24/08/2016	225042	29	N	850.00		25.2	-10.7	11.6	42	98	3.26			-10.7	11.6		397147.61	6907084.54	1109.00	
1124844	24/08/2016	224902	29	N	862.50		25.2	-16	10	-17	98	3.04			-16	10		397151.18	6907095.18	1108.00	
1124844	24/08/2016	224758	29	N	875.00		25.2	-11.3	6.5	53	98	3.4			-11.3	6.5		397155.89	6907106.58	1109.00	
1124844	24/08/2016	224706	29	N	887.50		25.2	-19.2	5.5	-21	98	3.06			-19.2	5.5		397162.41	6907118.96	1110.00	
1124844	24/08/2016	224634	29	N	900.00		25.2	-17.6	6	17	98	3.03			-17.6	6		397161.23	6907130.39	1109.00	
1124844	24/08/2016	224602	29	N	912.50		25.2	-14.4	5.4	48	98	3.33			-14.4	5.4		397165.46	6907141.69	1109.00	
1124844	24/08/2016	224502	29	N	925.00		25.2	-18.5	8.2	93	91	3.96			-18.5	8.2		397172.42	6907153.07	1111.00	
1124844	24/08/2016	224410	29	N	937.50		25.2	-19.6	7.2	98	97	4.18			-19.6	7.2	best signal	397181.68	6907160.81	1111.00	
1124844	24/08/2016	224430	29	N	937.50		25.2	-19.2	7	95	93	4.05	1						397180.91	6907160.71	1110.00
1124844	24/08/2016	224318	29	N	950.00		25.2	-24.7	7.3	90	97	4.03			-24.7	7.3		397190.27	6907169.24	1110.00	
1124844	24/08/2016	224234	29	N	962.50		25.2	-27.4	7.5	91	99	4.07			-27.4	7.5		397200.21	6907177.04	1111.00	
1124844	24/08/2016	224138	29	N	975.00		25.2	-29.6	8.1	59	98	3.48			-29.6	8.1		397206.21	6907188.12	1112.00	
1124844	24/08/2016	224110	29	N	987.50		25.2	-28.9	9.2	84	98	3.92			-28.9	9.2		397209.93	6907198.94	1112.00	
1124844	24/08/2016	224030	29	N	1000.00		25.2	-29.7	9.1	82	98	3.9			-29.7	9.1		397218.55	6907210.21	1113.00	
1124844	24/08/2016	223958	29	N	1012.50		25.2	-18.8	5.2	99	100	4.27			-18.8	5.2		397229.24	6907217.76	1113.00	
1124844	24/08/2016	223918	29	N	1025.00		25.2	-30.3	8.4	77	98	3.8			-30.3	8.4		397235.66	6907228.72	1114.00	
1124844	24/08/2016	223826	29	N	1037.50		25.2	-21.1	6.1	99	86	3.97	1						397242.38	6907237.81	1116.00
1124844	24/08/2016	223846	29	N	1037.50		25.2	-22.1	6.2	99	90	4.06			-22.1	6.2	best fit	397242.06	6907237.61	1115.00	
1124844	24/08/2016	223758	29	N	1050.00		25.2	-24	3.8	99	94	4.15			-24	3.8		397248.88	6907246.63	1115.00	
1124844	24/08/2016	223658	29	N	1062.50		25.2	-22.8	1.5	101	101	4.33			-22.8	1.5		397254.13	6907258.41	1120.00	
1124844	24/08/2016	223610	29	N	1075.00		25.2	-18.3	-1.7	100	100	4.31			-18.3	-1.7		397259.87	6907266.78	1116.00	
1124844	24/08/2016	223534	29	N	1087.50		25.2	-13.8	-3.4	93	99	4.13			-13.8	-3.4		397269.98	6907275.25	1119.00	
1124844	24/08/2016	223458	29	N	1100.00		25.2	-7.8	-7.7	72	99	3.71			-7.8	-7.7		397275.10	6907287.59	1121.00	
1124844	24/08/2016	223410	29	N	1112.50		25.2	-4.9	-8.9	98	100	4.25			-4.9	-8.9		397282.17	6907297.34	1122.00	
1124844	24/08/2016	223342	29	N	1125.00		25.2	0	-10	100	100	4.3			0	-10		397290.31	6907306.70	1123.00	
1124844	24/08/2016	223314	29	N	1137.50		25.2	6.5	-10.2	100	100	4.28			6.5	-10.2		397297.44	6907316.23	1125.00	
1124844	24/08/2016	223238	29	N	1150.00		25.2	5.1	-9.4	94	99	4.15			5.1	-9.4		397306.22	6907326.89	1123.00	
1124844	24/08/2016	223210	29	N	1162.50		25.2	7.1	-9.4	101	101	4.33			7.1	-9.4		397312.62	6907336.21	1125.00	
1124844	24/08/2016	223118	29	N	1175.00		25.2	1.1	-9.7	88	98	4.01			1.1	-9.7		397320.86	6907346.86	1130.00	
1124844	24/08/2016	223002	29	N	1187.50		25.2	-6.6	-14	65	98	3.57			-6.6	-14		397325.22	6907354.41	1126.00	
1124844	24/08/2016	222922	29	N	1200.00		25.2	-11.1	-16.4	93	99	4.13			-11.1	-16.4		397332.77	6907365.96	1131.00	
1124844	24/08/2016	222838	29	N	1212.50		25.2	-9.1	-19.1	96	100	4.21			-9.1	-19.1		397339.77	6907376.24	1131.00	
1124844	24/08/2016	222810	29	N	1225.00		25.2	-10	-18.6	100	97	4.24			-10	-18.6		397348.42	6907386.07	1134.00	
1124844	24/08/2016	222742	29	N	1237.50		25.2	-2.5	-16.8	101	101	4.33			-2.5	-16.8		397355.76	6907396.73	1136.00	
1124844	24/08/2016	222710	29	N	1250.00		25.2	13.9	-5	101	101	4.34			13.9	-5		397361.32	6907405.36	1139.00	
1124844	24/08/2016	222642	29	N	1262.50		25.2	20.1	1.6	99	98	4.24			20.1	1.6		397369.31	6907415.25	1141.00	
1124844	24/08/2016	222606	29	N	1275.00		25.2	12.5	-1.6	100	97	4.22			12.5	-1.6		397377.88	6907423.98	1145.00	
1124844	24/08/2016	222502	29	N	1287.50		25.2	8	-3.9	90	91	3.89			8	-3.9	best fit	397385.22	6907432.94	1146.00	
1124844	24/08/2016	222522	29	N	1287.50		25.2	8.8	-3.7	91	82	3.71	1						397386.43	6907433.51	1153.00
1124844	24/08/2016	222538	29	N	1287.50		25.2	9.4	-3.9	94	82	3.79	1						397386.54	6907433.33	1152.00
1124844	24/08/2016	222434	29	N	1300.00		25.2	1.3	-5.8	71	97	3.65			1.3	-5.8		397389.28	6907443.50	1149.00	
1124844	24/08/2016	222358	29	N	1312.50		25.2	-6.6	-7.1	80	90	3.67			-6.6	-7.1		397397.08	6907452.94	1152.00	
1124844	24/08/2016	222326	29	N	1325.00		25.2	-10.8	-8.1	98	83	3.9			-10.8	-8.1		397404.38	6907463.40	1156.00	
1124844	24/08/2016	222214	29	N	1337.50		25.2	-16.8	-8.4	91	93	3.96	1						397410.76	6907473.96	1157.00
1124844	24/08/2016	222234	29	N	1337.50		25.2	-15.2	-8.6	95	87	3.93	2						397410.70	6907473.48	1157.00
1124844	24/08/2016	222250	29	N	1337.50		25.2	-15.5	-7.4	93	96	4.07			-15.5	-7.4	best fit	397410.94	6907473.35	1156.00	
1124844	24/08/2016	222022	29	N	1350.00		25.2	-17.8	-2.9	88	96	3.96			-17.8	-2.9		397419.73	6907482.34	1163.00	
1124844	24/08/2016	221950	29	N	1362.50		25.2	-20.5	-0.7	37	98	3.19			-20.5	-0.7		397425.06	6907492.09	1165.00	
1124844	24/08/2016	221918	29	N	1375.00		25.2	-20	-2.1	85	96	3.89			-20	-2.1		397431.04	6907503.60	1168.00	
1124844	24/08/2016	221850	29	N	1387.50		25.2	-30	-4.6	52	98	3.38			-30	-4.6		397437.64	6907513.95	1166.00	
1124844	24/08/2016	221726	29	N	1400.00		25.2	-30.2	-5.3	94	96	4.07			-30.2	-5.3		397445.83	6907523.06	1168.00	
1124844	24/08/2016	221658	29	N	1412.50		25.2	-37.5	-4.1	85	99	3.96			-37.5	-4.1		397452.67	6907532.59	1168.00	
1124844	24/08/2016	221622	29	N	1425.00		25.2	-28.1	5.3	98	100	4.26			-28.1	5.3		397460.51	6907544.65	1169.00	
1124844	24/08/2016	221550	29	N	1437.50		25.2	-10.8	14	62	99	3.54			-10.8	14		397467.52	6907553.92	1168.00	
1124844	24/08/2016	221518	29	N	1450.00		25.2	-12	10.5	72	98	3.7			-12	10.5		397475.70	6907564.72	1169.00	
1124844	24/08/2016	221442	29	N	1462.50		25.2	-18.9	8.3	64	99	3.57			-18.9	8.3		397481.51	6907575.19	1169.00	

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	221414	29	N	1475.00		25.2	-16.9	7.9	72	99	3.71			-16.9	7.9		397485.69	6907586.70	1171.00
1124844	24/08/2016	221346	29	N	1487.50		25.2	-15.5	4.8	98	99	4.25			-15.5	4.8		397494.17	6907596.87	1172.00
1124844	24/08/2016	221226	29	N	1500.00		25.2	-15.6	11.2	74	98	3.75			-15.6	11.2		397501.89	6907606.19	1172.00
1124844	24/08/2016	221122	29	N	1512.50		25.2	-4.2	18	84	99	3.94			-4.2	18	best signal	397509.00	6907615.90	1169.00
1124844	24/08/2016	221142	29	N	1512.50		25.2	-5.4	18.6	82	98	3.89	1					397509.01	6907615.87	1169.00
1124844	24/08/2016	220910	29	N	1525.00		25.2	-1.3	19.1	89	98	4.01			-1.3	19.1		397517.55	6907627.65	1172.00
1124844	24/08/2016	220814	29	N	1537.50		25.2	-7.4	18.4	71	98	3.69			-7.4	18.4		397523.95	6907635.70	1172.00
1124844	24/08/2016	220738	29	N	1550.00		25.2	-11.5	16.9	81	99	3.87			-11.5	16.9		397531.91	6907645.86	1172.00
1124844	24/08/2016	220658	29	N	1562.50		25.2	-17.6	17	62	98	3.54			-17.6	17		397539.56	6907656.65	1172.00
1124844	24/08/2016	220610	29	N	1575.00		25.2	-19.7	13.5	74	98	3.74			-19.7	13.5	best fit	397546.85	6907666.45	1172.00
1124844	24/08/2016	220630	29	N	1575.00		25.2	-19.6	13.7	73	98	3.72	1					397547.05	6907666.43	1172.00
1124844	24/08/2016	220538	29	N	1587.50		25.2	-26.4	15.6	64	98	3.55			-26.4	15.6		397554.49	6907676.86	1173.00
1124844	24/08/2016	220506	29	N	1600.00		25.2	-26.2	14.1	64	98	3.57			-26.2	14.1		397561.54	6907687.20	1173.00
1124844	24/08/2016	220438	29	N	1612.50		25.2	-36.5	12.2	79	98	3.84			-36.5	12.2		397570.42	6907696.38	1173.00
1124844	24/08/2016	220406	29	N	1625.00		25.2	-23	17.7	96	100	4.22			-23	17.7		397576.20	6907708.04	1173.00
1124844	24/08/2016	220334	29	N	1637.50		25.2	-21.2	21.6	83	99	3.91			-21.2	21.6		397582.95	6907720.18	1173.00
1124844	24/08/2016	220306	29	N	1650.00		25.2	-27.2	14.6	100	101	4.31			-27.2	14.6		397589.71	6907730.12	1173.00
1124844	24/08/2016	220214	29	N	1662.50		25.2	-37.5	10.8	94	99	4.14			-37.5	10.8		397596.09	6907740.32	1172.00
1124844	24/08/2016	220138	29	N	1675.00		25.2	-45.7	7.7	95	99	4.19			-45.7	7.7		397604.19	6907750.53	1172.00
1124844	24/08/2016	220110	29	N	1687.50		25.2	-11.9	13.4	99	100	4.26			-11.9	13.4		397612.14	6907760.11	1171.00
1124844	24/08/2016	220034	29	N	1700.00		25.2	0.4	14.4	101	101	4.34			0.4	14.4		397620.93	6907769.89	1171.00
1124844	24/08/2016	220006	29	N	1712.50		25.2	-1.3	6.1	97	100	4.23			-1.3	6.1		397628.13	6907780.66	1170.00
1124844	24/08/2016	215934	29	N	1725.00		25.2	8.5	4.1	101	101	4.33			8.5	4.1		397635.74	6907791.24	1169.00
1124844	24/08/2016	215906	29	N	1737.50		25.2	11.2	2.2	74	98	3.75			11.2	2.2		397642.74	6907801.02	1167.00
1124844	24/08/2016	215806	29	N	1750.00		25.2	13.6	-0.2	91	99	4.09			13.6	-0.2		397651.29	6907813.38	1167.00
1124844	24/08/2016	215722	29	N	1762.50		25.2	26.9	0.9	63	98	3.55			26.9	0.9		397658.47	6907823.63	1168.00
1124844	24/08/2016	215646	29	N	1775.00		25.2	26.4	2.4	97	100	4.23			26.4	2.4		397664.55	6907832.11	1167.00
1124844	24/08/2016	215614	29	N	1787.50		25.2	23.9	-0.6	99	100	4.27			23.9	-0.6		397671.83	6907844.27	1167.00
1124844	24/08/2016	215542	29	N	1800.00		25.2	24.3	-4.6	87	99	3.99			24.3	-4.6		397679.66	6907853.79	1165.00
1124844	24/08/2016	215442	29	N	1812.50		25.2	34.5	-0.2	79	98	3.84			34.5	-0.2		397687.73	6907862.72	1163.00
1124844	24/08/2016	215346	29	N	1825.00		25.2	27.2	-3.8	72	98	3.71	1					397694.55	6907872.45	1161.00
1124844	24/08/2016	215406	29	N	1825.00		25.2	32.9	-4.8	73	98	3.73			32.9	-4.8	best fit	397694.33	6907872.27	1161.00
1124844	24/08/2016	215246	29	N	1837.50		25.2	24.9	-5	88	98	4.02			24.9	-5		397702.88	6907883.79	1160.00
1124844	24/08/2016	215210	29	N	1850.00		25.2	24.6	-6.6	94	99	4.15			24.6	-6.6		397709.90	6907894.08	1157.00
1124844	24/08/2016	215130	29	N	1862.50		25.2	24.7	-6.4	80	98	3.85			24.7	-6.4		397717.40	6907903.88	1153.00
1124844	24/08/2016	215042	29	N	1875.00		25.2	30.1	-2.6	95	99	4.18			30.1	-2.6		397725.39	6907912.63	1150.00
1124844	24/08/2016	214942	29	N	1887.50		25.2	39.2	1.7	73	98	3.72			39.2	1.7		397731.50	6907923.45	1150.00
1124844	24/08/2016	214842	29	N	1900.00		25.2	31.5	3.9	82	95	3.82			31.5	3.9	best signal	397739.24	6907932.41	1147.00
1124844	24/08/2016	214902	29	N	1900.00		25.2	34.9	3	73	97	3.68	1					397740.29	6907931.65	1148.00
1124844	24/08/2016	214754	29	N	1912.50		25.2	26.7	2.4	82	87	3.63			26.7	2.4		397747.78	6907941.87	1144.00
1124844	24/08/2016	214714	29	N	1925.00		25.2	19.2	-0.8	87	84	3.68			19.2	-0.8		397755.81	6907951.30	1140.00
1124844	24/08/2016	214618	29	N	1937.50		25.2	21.9	0.5	77	94	3.7			21.9	0.5		397763.04	6907959.68	1138.00
1124844	24/08/2016	214506	29	N	1950.00		25.2	16.1	0.1	92	83	3.77			16.1	0.1	best signal	397767.91	6907973.40	1134.00
1124844	24/08/2016	214526	29	N	1950.00		25.2	16.8	0	91	83	3.73	1					397768.42	6907973.33	1135.00
1124844	24/08/2016	213954	29	N	1962.50		25.2	18.5	1.6	26	96	3.02	1					397776.01	6907983.44	1136.00
1124844	24/08/2016	214010	29	N	1962.50		25.2	21.7	0.8	23	97	3.04	1					397776.12	6907982.42	1133.00
1124844	24/08/2016	214042	29	N	1962.50		25.2	16.5	3.1	67	90	3.43			16.5	3.1	best fit	397776.16	6907981.98	1132.00
1124844	24/08/2016	213914	29	N	1975.00		25.2	14	0.3	66	88	3.36			14	0.3		397781.65	6907991.07	1134.00
1124844	24/08/2016	213838	29	N	1987.50		25.2	8.6	1.4	80	80	3.45			8.6	1.4		397789.55	6908002.60	1135.00
1124844	24/08/2016	213738	29	N	2000.00		25.2	10.3	1.3	59	91	3.32			10.3	1.3	best signal	397796.98	6908012.75	1135.00
1124844	24/08/2016	213758	29	N	2000.00		25.2	9	2.4	57	85	3.11	1					397797.56	6908011.14	1134.00
1124844	24/08/2016	213702	29	N	2012.50		25.2	1.7	1.6	82	82	3.52			1.7	1.6		397805.16	6908022.43	1132.00
1124844	24/08/2016	213622	29	N	2025.00		25.2	0.1	-0.3	67	90	3.41			0.1	-0.3		397813.44	6908031.59	1133.00
1124844	24/08/2016	213538	29	N	2037.50		25.2	-5.5	-1.3	58	94	3.37			-5.5	-1.3		397818.66	6908042.73	1132.00
1124844	24/08/2016	213502	29	N	2050.00		25.2	-11.2	-1.5	61	93	3.37			-11.2	-1.5		397825.60	6908053.56	1130.00
1124844	24/08/2016	213426	29	N	2062.50		25.2	-13.8	-1.2	70	85	3.35			-13.8	-1.2		397829.92	6908064.42	1130.00
1124844	24/08/2016	213330	29	N	2075.00		25.2	-10.9	2.3	75	88	3.5			-10.9	2.3		397837.25	6908074.29	1129.00
1124844	24/08/2016	213110	29	N	2087.50		25.2	-15	2	59	94	3.36			-15	2	better signal	397844.51	6908084.46	1128.00
1124844	24/08/2016	213126	29	N	2087.50		25.2	-15.4	2.2	50	97	3.3	1					397844.03	6908084.47	1127.00
1124844	24/08/2016	213030	29	N	2100.00		25.2	-16	-0.2	54	93	3.27			-16	-0.2		397850.26	6908098.14	1131.00
1124844	24/08/2016	212946	29	N	2112.50		25.2	-18.2	-1.5	50	94	3.24			-18.2	-1.5		397858.98	6908105.61	1127.00
1124844	24/08/2016	212902	29	N	2125.00		25.2	-18.2	-0.6	84	79	3.49			-18.2	-0.6		397865.75	6908113.18	1126.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	24/08/2016	212826	29	N	2137.50		25.2	-13.9	-0.6	80	89	3.63			-13.9	-0.6		397873.86	6908124.12	1125.00
1124844	24/08/2016	212746	29	N	2150.00		25.2	-9.8	2.5	80	94	3.76			-9.8	2.5		397881.12	6908134.03	1126.00
1124844	24/08/2016	212710	29	N	2162.50		25.2	0.9	4.7	85	92	3.8			0.9	4.7		397890.52	6908146.41	1129.00
1124844	24/08/2016	212626	29	N	2175.00		25.2	-2.7	5.2	85	77	3.5			-2.7	5.2		397897.17	6908154.48	1124.00
1124844	24/08/2016	212554	29	N	2187.50		25.2	-4.2	0.6	95	64	3.48			-4.2	0.6		397905.92	6908160.79	1120.00
1124844	24/08/2016	212514	29	N	2200.00		25.2	-9	-1.1	69	85	3.32			-9	-1.1		397910.68	6908171.68	1119.00
1124844	24/08/2016	212426	29	N	2212.50		25.2	-16	-4.6	41	97	3.22			-16	-4.6		397917.94	6908182.03	1118.00
1124844	24/08/2016	212342	29	N	2225.00		25.2	-22.3	-8.4	47	96	3.25			-22.3	-8.4		397923.32	6908191.93	1117.00
1124844	24/08/2016	212246	29	N	2237.50		25.2	-3.5	-1.1	97	98	4.18			-3.5	-1.1		397933.12	6908201.70	1114.00
1124844	24/08/2016	212214	29	N	2250.00		25.2	9.1	2.9	92	93	3.99			9.1	2.9		397940.47	6908210.66	1114.00
1124844	24/08/2016	212138	29	N	2262.50		25.2	8.8	1.1	91	78	3.64			8.8	1.1		397948.38	6908220.49	1111.00
1124844	24/08/2016	212102	29	N	2275.00		25.2	9.9	-0.2	73	87	3.46			9.9	-0.2		397955.86	6908229.77	1109.00
1124844	24/08/2016	212026	29	N	2287.50		25.2	10.7	-1.6	79	81	3.44			10.7	-1.6		397964.19	6908239.44	1106.00
1124844	24/08/2016	211946	29	N	2300.00		25.2	9.7	-2.8	62	94	3.42			9.7	-2.8		397968.88	6908249.50	1107.00
1124844	24/08/2016	211902	29	N	2312.50		25.2	19.4	2.9	81	85	3.56			19.4	2.9		397976.87	6908259.97	1107.00
1124844	24/08/2016	211818	29	N	2325.00		25.2	15.1	3.9	98	58	3.46			15.1	3.9		397982.17	6908271.87	1107.00
1124844	24/08/2016	211742	29	N	2337.50		25.2	9.5	2.3	95	55	3.33			9.5	2.3		397990.32	6908279.48	1105.00
1124844	24/08/2016	211642	29	N	2350.00		25.2	4.6	1.2	73	72	3.12			4.6	1.2		397996.51	6908288.65	1103.00
1124844	24/08/2016	211550	29	N	2362.50		25.2	2.1	4.4	86	64	3.25			2.1	4.4		398002.22	6908300.47	1102.00
1124844	24/08/2016	211510	29	N	2375.00		25.2	0	4.2	84	59	3.13			0	4.2		398008.50	6908310.04	1101.00
1124844	24/08/2016	211430	29	N	2387.50		25.2	-3.4	2.6	83	61	3.15			-3.4	2.6		398018.24	6908318.45	1099.00
1124844	24/08/2016	211130	29	N	2400		25.2	-7	-0.5	95	38	3.11			-7	-0.5	best fit	398025.76	6908330.25	1096
1124844	24/08/2016	211242	29	N	2400		25.2	-8.4	2.3	70	69	2.99	2					398025.54	6908330.18	1097
1124844	24/08/2016	211302	29	N	2400		25.2	-7.8	2.8	72	71	3.08	1					398025.48	6908330.11	1097
8043128	24/08/2416	234154	31	N	0.00		25.2	-6.6	-9.4	64	29	4.3			-6.6	-9.4	better fit	396861.12	6906336.60	1112.00
8043129	24/08/2417	234306	31	N	0.00		25.2	0.2	-6.7	21	57	3.71	2					396860.86	6906329.25	1112.00
8043130	24/08/2418	234322	31	N	0.00		25.2	1.2	-6.7	18	58	3.69	1					396861.91	6906330.22	1111.00
8043127	24/08/2415	234118	31	N	12.50		25.2	-12.3	-12.6	59	41	4.34			-12.3	-12.6		396874.35	6906339.28	1119.00
8043126	24/08/2414	234038	31	N	25.00		25.2	-13.6	-11.9	-6	62	3.79			-13.6	-11.9		396883.31	6906345.98	1123.00
8043125	24/08/2413	234006	31	N	37.50		25.2	-15.4	-11.3	-5	67	4.12			-15.4	-11.3		396882.58	6906361.15	1126.00
8043124	24/08/2412	233934	31	N	50.00		25.2	-15.2	-12.4	18	68	4.29			-15.2	-12.4		396885.75	6906370.61	1126.00
8043123	24/08/2411	233902	31	N	62.50		25.2	-10.5	-5.8	4	66	4.01			-10.5	-5.8		396889.35	6906386.93	1134.00
8043122	24/08/2410	233834	31	N	75.00		25.2	-14.3	-9.3	39	60	4.36			-14.3	-9.3		396895.97	6906392.97	1132.00
8043121	24/08/2409	233754	31	N	87.50		25.2	-14.6	-6.7	57	52	4.71			-14.6	-6.7		396903.11	6906403.80	1135.00
8043120	24/08/2408	233726	31	N	100.00		25.2	-12.7	-4.8	42	57	4.29			-12.7	-4.8		396910.90	6906409.92	1136.00
8043119	24/08/2407	233654	31	N	112.50		25.2	-19.4	-9.2	39	60	4.37			-19.4	-9.2		396922.74	6906419.91	1137.00
8043118	24/08/2406	233622	31	N	125.00		25.2	-25.2	-13.2	39	65	4.64			-25.2	-13.2		396930.78	6906429.55	1139.00
8043117	24/08/2405	233550	31	N	137.50		25.2	-25	-11.2	26	68	4.46			-25	-11.2		396935.18	6906436.15	1141.00
8043115	24/08/2403	233454	31	N	150.00		25.2	-14.1	-5.7	34	73	4.92			-14.1	-5.7	better fit	396946.41	6906447.37	1143.00
8043116	24/08/2404	233510	31	N	150.00		25.2	-13.7	-6.1	39	71	4.96	1					396946.10	6906447.11	1143.00
8043114	24/08/2402	233414	31	N	162.50		25.2	-12	-5.2	54	62	4.99			-12	-5.2		396954.41	6906455.82	1145.00
8043113	24/08/2401	233346	31	N	175.00		25.2	-11.2	-4.8	69	52	5.25			-11.2	-4.8		396965.05	6906463.32	1146.00
8043112	24/08/2400	233322	31	N	187.50		25.2	-8.2	-3.8	71	57	5.57			-8.2	-3.8		396975.11	6906469.87	1148.00
8043111	24/08/2399	233250	31	N	200.00		25.2	-5.8	-3.7	31	77	5.06			-5.8	-3.7		396984.39	6906480.62	1150.00
8043110	24/08/2398	233222	31	N	212.50		25.2	-5.7	-3.8	39	76	5.22			-5.7	-3.8		396991.10	6906487.82	1151.00
8043109	24/08/2397	233150	31	N	225.00		25.2	-0.9	-0.3	6	81	4.94			-0.9	-0.3		396998.98	6906498.33	1152.00
8043108	24/08/2396	233118	31	N	237.50		25.2	-1.2	-1.6	9	82	5.04			-1.2	-1.6		397003.07	6906510.54	1153.00
8043107	24/08/2395	233046	31	N	250.00		25.2	-3.3	-2.5	5	77	4.71			-3.3	-2.5		397007.84	6906522.36	1152.00
8043106	24/08/2394	233022	31	N	262.50		25.2	-0.1	-1.5	7	79	4.81			-0.1	-1.5		397012.66	6906532.85	1155.00
8043105	24/08/2393	232918	31	N	275.00		25.2	3.6	-0.7	38	73	4.98			3.6	-0.7		397017.36	6906545.13	1153.00
8043104	24/08/2392	232854	31	N	287.50		25.2	1.6	-2.8	40	70	4.91			1.6	-2.8		397024.49	6906556.18	1158.00
8043103	24/08/2391	232754	31	N	300.00		25.2	0.6	-1.3	22	74	4.7			0.6	-1.3		397030.33	6906563.27	1157.00
8043102	24/08/2390	232726	31	N	312.50		25.2	1	-2.8	32	73	4.87			1	-2.8		397036.10	6906574.09	1157.00
8043101	24/08/2389	232654	31	N	325.00		25.2	-3.4	-5.8	34	71	4.78			-3.4	-5.8		397045.27	6906586.21	1158.00
8043100	24/08/2388	232618	31	N	337.50		25.2	1.3	-5.6	38	76	5.18			1.3	-5.6		397054.31	6906596.40	1158.00
8043098	24/08/2386	232522	31	N	350.00		25.2	3.3	-2.4	43	84	5.72			3.3	-2.4	best fit	397061.13	6906604.47	1159.00
8043099	24/08/2387	232538	31	N	350.00		25.2	4.2	-2.5	37	76	5.16	1					397061.06	6906604.35	1159.00
8043097	24/08/2385	232406	31	N	362.50		25.2	9.4	0.3	31	76	5.02			9.4	0.3		397067.54	6906616.14	1159.00
8043096	24/08/2384	232334	31	N	375.00		25.2	10.3	1.1	28	79	5.13			10.3	1.1		397074.93	6906626.21	1159.00
8043095	24/08/2383	232254	31	N	387.50		25.2	13.8	3.1	47	69	5.08			13.8	3.1		397080.95	6906635.47	1158.00
8043094	24/08/2382	232218	31	N	400.00		25.2	13.3	1.2	32	72	4.81			13.3	1.2		397088.46	6906645.57	1158.00
8043093	24/08/2381	232142	31	N	412.50		25.2	9.9	-1.6	26	74	4.8			9.9	-1.6		397094.20	6906658.38	1158.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8043092	24/08/2380	232114	31	N	425.00		25.2	9.6	-2.4	25	77	4.92			9.6	-2.4		397100.61	6906668.22	1157.00
8043091	24/08/2379	232042	31	N	437.50		25.2	14.1	2.4	19	80	5.02			14.1	2.4		397105.80	6906676.92	1156.00
8043090	24/08/2378	232010	31	N	450.00		25.2	13.8	1.2	32	75	5			13.8	1.2		397112.03	6906687.45	1155.00
8043089	24/08/2377	231918	31	N	462.50		25.2	16.5	1.9	36	71	4.89			16.5	1.9		397119.56	6906699.97	1154.00
8043088	24/08/2376	231838	31	N	475.00		25.2	15.3	3.1	57	62	5.13			15.3	3.1		397129.61	6906709.95	1154.00
8043087	24/08/2375	231810	31	N	487.50		25.2	14.5	1.7	53	64	5.06			14.5	1.7		397136.57	6906715.49	1154.00
8043086	24/08/2374	231734	31	N	500.00		25.2	12.5	2.3	53	67	5.19			12.5	2.3		397147.55	6906725.32	1153.00
8043085	24/08/2373	231702	31	N	512.50		25.2	12	1.7	52	64	5.01			12	1.7		397154.20	6906732.89	1152.00
8043084	24/08/2372	231622	31	N	525.00		25.2	11.7	1.6	39	72	4.99			11.7	1.6		397164.36	6906741.28	1151.00
8043083	24/08/2371	231550	31	N	537.50		25.2	11.2	1.4	21	73	4.61			11.2	1.4		397171.65	6906752.75	1150.00
8043082	24/08/2370	231414	31	N	550.00		25.2	8.3	-0.8	23	74	4.69			8.3	-0.8		397178.15	6906762.92	1150.00
8043081	24/08/2369	231334	31	N	562.50		25.2	7.7	-2	29	78	5.07			7.7	-2		397182.10	6906775.12	1149.00
8043080	24/08/2368	231254	31	N	575.00		25.2	17.6	5.2	16	80	4.95			17.6	5.2		397188.28	6906785.61	1147.00
8043079	24/08/2367	231002	31	N	587.50		25.2	21.7	5.4	39	68	4.77			21.7	5.4		397194.66	6906797.28	1144.00
8043078	24/08/2366	230858	31	N	600.00		25.2	22.9	7.3	24	73	4.68			22.9	7.3		397202.15	6906807.45	1144.00
8043077	24/08/2365	230826	31	N	612.50		25.2	20.2	6.6	27	75	4.83			20.2	6.6		397207.81	6906816.24	1142.00
8043076	24/08/2364	230738	31	N	625.00		25.2	17.1	2.9	35	72	4.87			17.1	2.9		397215.92	6906828.89	1141.00
8043075	24/08/2363	230658	31	N	637.50		25.2	17.7	3.1	0	72	4.38			17.7	3.1		397222.15	6906837.99	1139.00
8043074	24/08/2362	230618	31	N	650.00		25.2	18.9	2.9	8	78	4.79			18.9	2.9		397226.40	6906849.73	1137.00
8043073	24/08/2361	230534	31	N	662.50		25.2	20.4	4.2	21	70	4.48			20.4	4.2		397233.03	6906859.87	1135.00
8043072	24/08/2360	230458	31	N	675.00		25.2	24.9	6.5	27	65	4.32			24.9	6.5		397240.96	6906869.62	1133.00
8043071	24/08/2359	230426	31	N	687.50		25.2	22.2	5.6	19	71	4.49			22.2	5.6		397246.89	6906879.07	1131.00
8043070	24/08/2358	230322	31	N	700.00		25.2	19.4	1.9	25	68	4.42			19.4	1.9		397255.46	6906891.24	1129.00
8043069	24/08/2357	230246	31	N	712.50		25.2	18.7	1.5	24	65	4.23			18.7	1.5		397262.63	6906899.30	1127.00
8043068	24/08/2356	230206	31	N	725.00		25.2	17.2	-0.6	33	64	4.41			17.2	-0.6		397271.19	6906909.19	1126.00
8043067	24/08/2355	230126	31	N	737.50		25.2	15.9	-0.2	25	62	4.06			15.9	-0.2		397278.39	6906916.95	1125.00
8043066	24/08/2354	230050	31	N	750.00		25.2	12.1	-1	31	63	4.3			12.1	-1		397285.52	6906926.21	1124.00
8043065	24/08/2353	230006	31	N	762.50		25.2	11.5	-1.8	26	63	4.17			11.5	-1.8		397293.06	6906935.18	1123.00
8043064	24/08/2352	225930	31	N	775.00		25.2	11.6	-2	35	65	4.53			11.6	-2		397301.24	6906945.88	1121.00
8043063	24/08/2351	225854	31	N	787.50		25.2	11.8	-0.9	41	61	4.48			11.8	-0.9		397309.53	6906956.09	1120.00
8043062	24/08/2350	225818	31	N	800.00		25.2	13.9	1.3	26	67	4.41			13.9	1.3		397317.50	6906966.54	1119.00
8043061	24/08/2349	225742	31	N	812.50		25.2	16.6	2.1	27	69	4.51			16.6	2.1		397323.61	6906975.85	1118.00
8043060	24/08/2348	225658	31	N	825.00		25.2	16.1	2	32	61	4.21			16.1	2		397332.98	6906987.09	1118.00
8043059	24/08/2347	225614	31	N	837.50		25.2	17.1	3	9	66	4.07			17.1	3		397340.20	6906994.53	1117.00
8043058	24/08/2346	225518	31	N	850.00		25.2	14.9	4.8	6	65	3.95			14.9	4.8		397347.66	6907005.01	1116.00
8043057	24/08/2345	225430	31	N	862.50		25.2	16.4	3.1	21	63	4.05			16.4	3.1		397352.18	6907014.10	1116.00
8043056	24/08/2344	225350	31	N	875.00		25.2	11.3	3.4	16	60	3.79			11.3	3.4		397358.86	6907024.84	1116.00
8043055	24/08/2343	225038	31	N	887.50		25.2	4.9	2.6	17	58	3.68			4.9	2.6		397366.57	6907035.98	1116.00
8043054	24/08/2342	225002	31	N	900.00		25.2	0.9	1.7	17	61	3.89			0.9	1.7		397372.59	6907046.86	1115.00
8043053	24/08/2341	224922	31	N	912.50		25.2	-3.1	2.1	16	64	4.02			-3.1	2.1		397378.97	6907055.35	1116.00
8043051	24/08/2339	224834	31	N	925.00		25.2	-9.3	2.6	18	65	4.14			-9.3	2.6	best signal	397385.20	6907065.79	1116.00
8043052	24/08/2340	224850	31	N	925.00		25.2	-8.9	4	7	65	3.96	1					397385.29	6907065.97	1116.00
8043050	24/08/2338	224758	31	N	937.50		25.2	-13.2	3.6	27	58	3.88			-13.2	3.6		397392.95	6907075.73	1115.00
8043049	24/08/2337	224722	31	N	950.00		25.2	-17.3	4.3	32	58	4.03			-17.3	4.3		397401.50	6907087.20	1115.00
8043048	24/08/2336	224630	31	N	962.50		25.2	-19	3.3	34	60	4.18			-19	3.3		397407.45	6907098.94	1114.00
8043046	24/08/2334	224542	31	N	975.00		25.2	-21.9	3.2	30	62	4.21	1					397415.17	6907108.47	1115.00
8043047	24/08/2335	224602	31	N	975.00		25.2	-21.3	3.9	16	65	4.08			-21.3	3.9	better fit	397413.96	6907106.85	1115.00
8043045	24/08/2333	224438	31	N	987.50		25.2	-21.4	3.3	30	74	4.85			-21.4	3.3		397428.18	6907127.68	1114.00
8043044	24/08/2332	224310	31	N	1000.00		25.2	-20.9	2.8	34	72	4.85			-20.9	2.8		397435.72	6907139.26	1116.00
8043043	24/08/2331	224054	31	N	1012.50		25.2	-18.7	2.8	26	74	4.76			-18.7	2.8		397443.30	6907149.40	1117.00
8043042	24/08/2330	224022	31	N	1025.00		25.2	-17.1	2.9	21	75	4.73			-17.1	2.9		397449.69	6907158.78	1117.00
8043041	24/08/2329	223934	31	N	1037.50		25.2	-14	0.4	31	78	5.09			-14	0.4		397454.01	6907170.94	1118.00
8043040	24/08/2328	223902	31	N	1050.00		25.2	-11.6	-0.4	34	75	5.03			-11.6	-0.4		397460.71	6907181.35	1119.00
8043039	24/08/2327	223830	31	N	1062.50		25.2	-9.5	-2.3	25	87	5.5			-9.5	-2.3		397468.91	6907189.77	1119.00
8043038	24/08/2326	223746	31	N	1075.00		25.2	-7.8	-3	13	84	5.19			-7.8	-3		397474.83	6907202.35	1120.00
8043037	24/08/2325	223710	31	N	1087.50		25.2	-2.7	-7.7	37	82	5.47			-2.7	-7.7		397479.31	6907213.62	1123.00
8043036	24/08/2324	223638	31	N	1100.00		25.2	3	-11.9	46	80	5.61			3	-11.9		397484.86	6907224.04	1125.00
8043035	24/08/2323	223606	31	N	1112.50		25.2	2.7	-14.1	48	74	5.38			2.7	-14.1		397492.10	6907233.49	1124.00
8043034	24/08/2322	223534	31	N	1125.00		25.2	7.6	-17.5	46	77	5.48			7.6	-17.5		397499.53	6907243.15	1126.00
8043033	24/08/2321	223502	31	N	1137.50		25.2	14	-17.1	43	80	5.52			14	-17.1		397505.36	6907252.82	1126.00
8043032	24/08/2320	223422	31	N	1150.00		25.2	21.1	-15.6	46	78	5.53			21.1	-15.6		397512.48	6907264.93	1127.00
8043031	24/08/2319	223350	31	N	1162.50		25.2	25.8	-14	33	71	4.76			25.8	-14		397520.51	6907272.49	1126.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8043030	24/08/2318	223314	31	N	1175.00		25.2	27.1	-13.2	28	72	4.74			27.1	-13.2		397527.12	6907281.43	1132.00
8043029	24/08/2317	223250	31	N	1187.50		25.2	27.5	-13.2	42	62	4.56			27.5	-13.2		397531.52	6907286.53	1132.00
8043027	24/08/2315	223158	31	N	1200.00		25.2	22.1	-11	64	51	4.97			22.1	-11	better fit	397542.54	6907294.75	1134.00
8043028	24/08/2316	223214	31	N	1200.00		25.2	21.5	-10.6	63	48	4.84	1					397542.19	6907294.20	1133.00
8043026	24/08/2314	222938	31	N	1212.50		25.2	21	-10.4	45	55	4.34			21	-10.4		397552.24	6907308.92	1133.00
8043025	24/08/2313	222858	31	N	1225.00		25.2	17.7	-10.3	35	61	4.3			17.7	-10.3		397560.96	6907314.67	1137.00
8043024	24/08/2312	222814	31	N	1237.50		25.2	15.7	-9.9	12	66	4.11			15.7	-9.9		397565.31	6907321.63	1136.00
8043023	24/08/2311	222734	31	N	1250.00		25.2	3.8	-13.2	14	61	3.83			3.8	-13.2		397570.76	6907334.91	1138.00
8043022	24/08/2310	222702	31	N	1262.50		25.2	-7.6	-18.9	8	63	3.89			-7.6	-18.9		397575.98	6907350.21	1142.00
8043021	24/08/2309	222626	31	N	1275.00		25.2	-18.9	-22.5	18	71	4.49			-18.9	-22.5		397582.67	6907361.29	1144.00
8043020	24/08/2308	222550	31	N	1287.50		25.2	-13.6	-15.1	49	66	5			-13.6	-15.1		397587.90	6907367.86	1147.00
8043019	24/08/2307	222518	31	N	1300.00		25.2	0.4	-8.7	49	57	4.6			0.4	-8.7		397598.92	6907376.98	1154.00
8043018	24/08/2306	222446	31	N	1312.50		25.2	-2.9	-10.9	30	70	4.64			-2.9	-10.9		397606.27	6907385.14	1150.00
8043017	24/08/2305	222410	31	N	1325.00		25.2	1	-8.2	35	65	4.48			1	-8.2		397616.38	6907394.67	1147.00
8043016	24/08/2304	222338	31	N	1337.50		25.2	-1.1	-9.2	34	65	4.47			-1.1	-9.2		397625.35	6907401.78	1152.00
8043015	24/08/2303	222306	31	N	1350.00		25.2	-5.4	-10.6	17	69	4.34			-5.4	-10.6		397631.64	6907411.51	1152.00
8043014	24/08/2302	222234	31	N	1362.50		25.2	-5.5	-8.3	14	73	4.52			-5.5	-8.3		397634.93	6907424.57	1154.00
8043013	24/08/2301	222202	31	N	1375.00		25.2	-4.5	-6.9	7	73	4.44			-4.5	-6.9		397639.66	6907433.58	1154.00
8043012	24/08/2300	222130	31	N	1387.50		25.2	-4.6	-6.5	35	68	4.67			-4.6	-6.5		397646.66	6907443.69	1156.00
8043011	24/08/2299	222058	31	N	1400.00		25.2	-3.9	-4.1	30	63	4.26			-3.9	-4.1		397653.22	6907453.07	1163.00
8043009	24/08/2297	222002	31	N	1412.50		25.2	-8.9	-5	34	66	4.51	1					397662.22	6907465.23	1164.00
8043010	24/08/2298	222018	31	N	1412.50		25.2	-7.7	-4.7	33	63	4.32			-7.7	-4.7	better fit	397662.47	6907465.04	1165.00
8043008	24/08/2296	221930	31	N	1425.00		25.2	-10.9	-4.1	22	68	4.36			-10.9	-4.1		397669.93	6907474.84	1163.00
8043007	24/08/2295	221858	31	N	1437.50		25.2	-13.9	-4.4	31	63	4.29			-13.9	-4.4		397674.36	6907485.65	1166.00
8043006	24/08/2294	221818	31	N	1450.00		25.2	-16.8	-5.7	28	67	4.43			-16.8	-5.7		397681.10	6907495.93	1168.00
8043005	24/08/2293	221750	31	N	1462.50		25.2	-18.2	-4.2	22	71	4.55			-18.2	-4.2		397687.66	6907504.90	1172.00
8043004	24/08/2292	221726	31	N	1475.00		25.2	-20.6	-5.1	22	71	4.54			-20.6	-5.1		397691.14	6907510.31	1173.00
8043003	24/08/2291	221650	31	N	1487.50		25.2	-19.4	-5.1	58	56	4.94			-19.4	-5.1		397697.61	6907521.48	1175.00
8043002	24/08/2290	221614	31	N	1500.00		25.2	-19	-2.5	44	71	5.11			-19	-2.5		397708.15	6907529.17	1177.00
8043001	24/08/2289	221526	31	N	1512.50		25.2	-18.2	0.1	56	66	5.25			-18.2	0.1		397720.42	6907541.87	1178.00
8043000	24/08/2288	221454	31	N	1525.00		25.2	-15.9	2.5	43	73	5.18			-15.9	2.5		397728.61	6907550.05	1179.00
8042999	24/08/2287	221426	31	N	1537.50		25.2	-13	5.3	4	82	5.02			-13	5.3		397733.19	6907557.40	1178.00
8042998	24/08/2286	221350	31	N	1550.00		25.2	-14.1	3.8	19	81	5.04			-14.1	3.8		397737.19	6907572.44	1179.00
8042996	24/08/2284	221150	31	N	1562.50		25.2	-7.2	5.9	35	80	5.35	1					397744.15	6907585.39	1177.00
8042997	24/08/2285	221206	31	N	1562.50		25.2	-6.7	5.9	34	83	5.45			-6.7	5.9	best fit	397743.11	6907584.37	1180.00
8042995	24/08/2283	221114	31	N	1575.00		25.2	-5.2	5.9	35	77	5.17			-5.2	5.9		397751.50	6907594.29	1179.00
8042994	24/08/2282	221018	31	N	1587.50		25.2	-8.7	3	37	75	5.1			-8.7	3		397758.18	6907601.81	1179.00
8042993	24/08/2281	220946	31	N	1600.00		25.2	-11.1	-1	34	82	5.41			-11.1	-1		397765.49	6907613.20	1179.00
8042992	24/08/2280	220850	31	N	1612.50		25.2	-12.9	-5.3	28	89	5.66			-12.9	-5.3		397772.17	6907624.48	1178.00
8042991	24/08/2279	220818	31	N	1625.00		25.2	7.7	1	19	91	5.68			7.7	1		397778.07	6907636.15	1177.00
8042990	24/08/2278	220746	31	N	1637.50		25.2	10.1	-1.7	24	86	5.42			10.1	-1.7		397784.41	6907646.07	1180.00
8042989	24/08/2277	220702	31	N	1650.00		25.2	11	-4.5	34	86	5.61			11	-4.5		397790.17	6907658.09	1179.00
8042988	24/08/2276	220626	31	N	1662.50		25.2	11.8	-5.3	15	84	5.21			11.8	-5.3		397796.79	6907668.82	1181.00
8042987	24/08/2275	220542	31	N	1675.00		25.2	13.8	-6.4	34	75	5.01			13.8	-6.4		397803.69	6907679.26	1181.00
8042986	24/08/2274	220502	31	N	1687.50		25.2	10.1	-10	42	79	5.45			10.1	-10		397809.86	6907689.94	1179.00
8042984	24/08/2272	220406	31	N	1700.00		25.2	8.5	-12.7	45	76	5.37			8.5	-12.7	best signal	397816.03	6907699.25	1178.00
8042985	24/08/2273	220422	31	N	1700.00		25.2	8.3	-12.1	43	77	5.36	1					397815.57	6907699.20	1177.00
8042983	24/08/2271	220334	31	N	1712.50		25.2	9.5	-13.6	51	78	5.66			9.5	-13.6		397823.37	6907709.19	1178.00
8042982	24/08/2270	220306	31	N	1725.00		25.2	5.6	-17.1	78	72	6.47			5.6	-17.1		397831.53	6907717.85	1177.00
8042981	24/08/2269	220234	31	N	1737.50		25.2	23.6	-12	57	81	6.02			23.6	-12		397838.05	6907725.20	1176.00
8042980	24/08/2268	220154	31	N	1750.00		25.2	30.1	-11.6	33	86	5.63			30.1	-11.6		397848.21	6907735.58	1175.00
8042979	24/08/2267	220122	31	N	1762.50		25.2	32	-12.8	59	67	5.43			32	-12.8		397855.90	6907744.38	1176.00
8042977	24/08/2265	220030	31	N	1775.00		25.2	33.3	-12.3	54	71	5.42			33.3	-12.3	best signal	397864.02	6907755.72	1179.00
8042978	24/08/2266	220046	31	N	1775.00		25.2	34.1	-12.3	55	69	5.34	1					397863.80	6907755.87	1178.00
8042976	24/08/2264	215958	31	N	1787.50		25.2	36.3	-8.4	56	70	5.48			36.3	-8.4		397871.99	6907766.39	1177.00
8042975	24/08/2263	215930	31	N	1800.00		25.2	37.4	-6.9	49	67	5.07			37.4	-6.9		397878.79	6907773.00	1176.00
8042974	24/08/2262	215826	31	N	1812.50		25.2	33.3	-6.6	60	59	5.12			33.3	-6.6		397887.84	6907783.93	1172.00
8042973	24/08/2261	215726	31	N	1825.00		25.2	30.2	-7.5	70	50	5.25			30.2	-7.5		397896.28	6907789.92	1167.00
8042972	24/08/2260	215626	31	N	1837.50		25.2	35.2	-8.9	34	72	4.83			35.2	-8.9		397904.59	6907799.38	1162.00
8042971	24/08/2259	215546	31	N	1850.00		25.2	33.3	-3.7	47	64	4.86			33.3	-3.7		397910.89	6907807.62	1159.00
8042970	24/08/2258	215454	31	N	1862.50		25.2	41.3	2.5	21	71	4.54			41.3	2.5		397920.75	6907817.47	1155.00
8042969	24/08/2257	215330	31	N	1875.00		25.2	44	8.9	9	66	4.06			44	8.9		397921.74	6907828.63	1150.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042968	24/08/2256	215154	31	N	1887.50		25.2	44.3	9.9	9	69	4.26			44.3	9.9		397926.07	6907839.74	1143.00
8042967	24/08/2255	215046	31	N	1900.00		25.2	45.8	10.1	9	127	3.85			45.8	10.1		397927.39	6907848.61	1137.00
8042966	24/08/2254	214954	31	N	1912.50		25.2	35.6	7.2	69	117	4.13			35.6	7.2		397929.79	6907855.62	1133.00
8042965	24/08/2253	214906	31	N	1925.00		25.2	28.4	3.7	94	99	4.13			28.4	3.7		397938.55	6907865.02	1128.00
8042964	24/08/2252	214826	31	N	1937.50		25.2	28.6	3	65	116	4.05			28.6	3		397943.85	6907872.35	1127.00
8042963	24/08/2251	214718	31	N	1950.00		25.2	24.4	2.5	86	107	4.17			24.4	2.5		397954.07	6907884.15	1122.00
8042962	24/08/2250	214614	31	N	1962.50		25.2	21.1	0	68	120	4.17			21.1	0		397963.09	6907895.45	1117.00
8042961	24/08/2249	214510	31	N	1975.00		25.2	24.7	1.1	84	119	4.41			24.7	1.1		397968.65	6907906.30	1114.00
8042960	24/08/2248	214342	31	N	1987.50		25.2	36.3	8.9	57	118	3.98			36.3	8.9		397975.93	6907914.92	1110.00
8042959	24/08/2247	214246	31	N	2000.00		25.2	38.1	7.7	59	116	3.96			38.1	7.7		397981.90	6907922.80	1106.00
8042958	24/08/2246	214138	31	N	2012.50		25.2	41.2	7.1	74	109	4.01			41.2	7.1		397988.63	6907932.84	1100.00
8042957	24/08/2245	214034	31	N	2025.00		25.2	48.6	13.6	72	109	3.96			48.6	13.6		397995.79	6907940.15	1095.00
8042956	24/08/2244	213938	31	N	2037.50		25.2	50.9	12.9	34	108	3.46			50.9	12.9		398004.07	6907951.77	1091.00
8042955	24/08/2243	213842	31	N	2050.00		25.2	39.9	6	75	96	3.69			39.9	6		398011.13	6907961.16	1086.00
8042954	24/08/2242	213758	31	N	2062.50		25.2	35.8	2.5	61	99	3.54			35.8	2.5		398016.43	6907970.80	1083.00
8042953	24/08/2241	213706	31	N	2075.00		25.2	29.2	-1.4	69	93	3.51			29.2	-1.4		398024.31	6907980.74	1080.00
8042952	24/08/2240	213622	31	N	2087.50		25.2	26	-3.7	50	100	3.38			26	-3.7		398029.39	6907988.57	1077.00
8042951	24/08/2239	213534	31	N	2100.00		25.2	18.4	-7.9	52	102	3.47			18.4	-7.9		398035.95	6907999.86	1073.00
8042950	24/08/2238	213458	31	N	2112.50		25.2	12.9	-10.8	51	108	3.64			12.9	-10.8		398042.77	6908008.39	1071.00
8042949	24/08/2237	213422	31	N	2125.00		25.2	7.9	-13.5	48	110	3.65			7.9	-13.5		398048.10	6908018.12	1067.00
8042948	24/08/2236	213342	31	N	2137.50		25.2	8.8	-13.8	46	119	3.87			8.8	-13.8		398055.22	6908031.36	1066.00
8042945	24/08/2233	213102	31	N	2150.00		25.2	19.6	-10.6	27	114	3.56	1					398065.60	6908041.74	1065.00
8042946	24/08/2234	213118	31	N	2150.00		25.2	19.8	-10.5	30	121	3.78			19.8	-10.5	best fit	398065.40	6908041.64	1062.00
8042947	24/08/2235	213134	31	N	2150.00		25.2	19.5	-10.9	34	110	3.5	1					398066.81	6908042.39	1061.00
8042944	24/08/2232	213022	31	N	2162.50		25.2	22.8	-10.9	44	112	3.65			22.8	-10.9		398074.85	6908052.49	1068.00
8042943	24/08/2231	212942	31	N	2175.00		25.2	20.8	-12.4	43	110	3.6			20.8	-12.4		398078.57	6908057.70	1067.00
8042942	24/08/2230	212850	31	N	2187.50		25.2	19.4	-12.5	63	100	3.6			19.4	-12.5		398082.60	6908066.35	1066.00
8042940	24/08/2228	212758	31	N	2200.00		25.2	26.7	-8.2	62	109	3.8			26.7	-8.2	best signal	398087.82	6908074.16	1064.00
8042941	24/08/2229	212814	31	N	2200.00		25.2	26.5	-8.2	62	103	3.67	1					398088.46	6908072.61	1066.00
8042939	24/08/2227	212658	31	N	2212.50		25.2	23.1	-7.8	76	87	3.5			23.1	-7.8		398097.81	6908087.17	1065.00
8042938	24/08/2226	212622	31	N	2225.00		25.2	21.8	-6.7	88	74	3.5			21.8	-6.7		398102.61	6908094.80	1067.00
8042937	24/08/2225	212546	31	N	2237.50		25.2	21.7	-6.3	46	88	3.02			21.7	-6.3		398111.85	6908105.74	1061.00
8042934	24/08/2222	212430	31	N	2250.00		25.2	15.7	-5	46	92	3.12			15.7	-5	best fit	398120.00	6908116.67	1064.00
8042935	24/08/2223	212458	31	N	2250.00		25.2	17.3	-5.3	37	96	3.12	1					398118.18	6908116.05	1062.00
8042936	24/08/2224	212514	31	N	2250.00		25.2	19.1	-5.3	25	96	3.01	2					398119.00	6908116.27	1062.00
8042933	24/08/2221	212342	31	N	2262.50		25.2	10.4	-7.1	55	87	3.14			10.4	-7.1		398124.34	6908127.89	1062.00
8042931	24/08/2219	212250	31	N	2275.00		25.2	4.6	-7.1	63	82	3.13	1					398128.63	6908138.26	1060.00
8042932	24/08/2220	212306	31	N	2275.00		25.2	4.7	-7	62	82	3.14			4.7	-7	best signal	398129.00	6908137.14	1059.00
8042930	24/08/2218	212214	31	N	2287.50		25.2	3	-6	49	87	3.04			3	-6		398135.33	6908153.16	1061.00
8042929	24/08/2217	212130	31	N	2300.00		25.2	-1.4	-7.2	60	85	3.16			-1.4	-7.2		398142.03	6908159.06	1058.00
8042928	24/08/2216	212034	31	N	2312.50		25.2	-6.2	-9.1	54	94	3.28			-6.2	-9.1		398151.54	6908169.32	1053.00
8042927	24/08/2215	211954	31	N	2325.00		25.2	-7.7	-7.8	55	89	3.17			-7.7	-7.8		398159.46	6908177.00	1050.00
8042926	24/08/2214	211914	31	N	2337.50		25.2	-4.4	-7.3	33	108	3.43			-4.4	-7.3		398166.90	6908186.21	1049.00
8042925	24/08/2213	211818	31	N	2350.00		25.2	-2.6	-8.8	28	47	3.33			-2.6	-8.8		398173.24	6908195.11	1049.00
8042924	24/08/2212	211738	31	N	2362.50		25.2	1.7	-8.8	18	56	3.6			1.7	-8.8		398185.18	6908204.40	1051.00
8042922	24/08/2210	211654	31	N	2375.00		25.2	5.4	-8.9	27	51	3.52			5.4	-8.9	best fit	398188.92	6908214.56	1051.00
8042923	24/08/2211	211710	31	N	2375.00		25.2	6.6	-8.4	27	50	3.48	1					398188.28	6908215.26	1051.00
8042728	26/08/2016	170742	33	N	0		25.2	-15.6	1.4	50	51	4.36	2					397028.77	6906214.51	1135.00
8042728	26/08/2016	170758	33	N	0		25.2	-17.2	1.8	52	54	4.54			-17.2	1.8		397028.80	6906214.41	1134.00
8042728	26/08/2016	170814	33	N	0		25.2	-17.1	1.7	50	52	4.41	1					397029.28	6906215.49	1136.00
8042728	26/08/2016	170838	33	N	0		25.2	-17.5	1.9	46	51	4.2	1					397028.93	6906215.78	1134.00
8042728	26/08/2016	170942	33	N	12.5		25.2	-18.7	0.8	53	51	4.5			-18.7	0.8		397040.31	6906228.46	1139.00
8042728	26/08/2016	171126	33	N	25		25.2	-19.8	0.9	45	54	4.32			-19.8	0.9		397041.65	6906237.07	1147.00
8042728	26/08/2016	171234	33	N	37.5		25.2	-20.1	0.1	65	42	4.7			-20.1	0.1		397048.82	6906243.16	1146.00
8042728	26/08/2016	171354	33	N	50		25.2	-24.9	-0.9	51	55	4.58			-24.9	-0.9		397057.03	6906252.28	1152.00
8042728	26/08/2016	171442	33	N	62.5		25.2	-28	-1.4	39	65	4.64			-28	-1.4		397063.23	6906261.39	1153.00
8042728	26/08/2016	171530	33	N	75		25.2	-19.9	3.7	47	66	4.93			-19.9	3.7		397070.49	6906273.66	1152.00
8042728	26/08/2016	171622	33	N	87.5		25.2	-15.2	5.7	45	65	4.83			-15.2	5.7		397077.37	6906280.47	1152.00
8042728	26/08/2016	171722	33	N	100		25.2	-14.9	4.6	50	59	4.73			-14.9	4.6		397083.36	6906294.70	1158.00
8042728	26/08/2016	171814	33	N	112.5		25.2	-18.3	4.8	47	70	5.13			-18.3	4.8		397089.23	6906306.48	1162.00
8042728	26/08/2016	171850	33	N	125		25.2	-16.3	3.7	56	64	5.18			-16.3	3.7		397096.29	6906316.54	1163.00
8042728	26/08/2016	171938	33	N	137.5		25.2	-10.9	6.8	65	55	5.22			-10.9	6.8		397104.97	6906326.08	1166.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042728	26/08/2016	172014	33	N	150		25.2	-14	4.5	76	50	5.56			-14	4.5		397113.17	6906332.65	1167.00
8042728	26/08/2016	172054	33	N	162.5		25.2	-11.4	4.7	68	52	5.21			-11.4	4.7		397124.52	6906340.30	1168.00
8042728	26/08/2016	172134	33	N	175		25.2	-11.6	6	75	52	5.57			-11.6	6		397134.88	6906347.76	1170.00
8042728	26/08/2016	172258	33	N	187.5		25.2	-7.2	7.9	56	67	5.33			-7.2	7.9		397137.68	6906358.37	1170.00
8042728	26/08/2016	172402	33	N	200		25.2	-4.5	11.2	42	70	4.95			-4.5	11.2		397141.47	6906369.80	1175.00
8042728	26/08/2016	172442	33	N	212.5		25.2	-5.2	9.6	56	65	5.26	2					397149.94	6906378.83	1171.00
8042728	26/08/2016	172458	33	N	212.5		25.2	-5.2	10	61	63	5.34			-5.2	10		397149.79	6906378.98	1172.00
8042728	26/08/2016	172514	33	N	212.5		25.2	-4.5	10	61	53	4.94	1					397149.98	6906378.25	1171.00
8042728	26/08/2016	172606	33	N	225		25.2	-7.3	10.5	37	74	5.01			-7.3	10.5		397159.06	6906391.15	1174.00
8042728	26/08/2016	172658	33	N	237.5		25.2	-6.5	10.2	49	65	4.97			-6.5	10.2		397167.38	6906403.38	1174.00
8042728	26/08/2016	172738	33	N	250		25.2	-9.1	7.4	53	63	5.01			-9.1	7.4		397173.69	6906413.07	1175.00
8042728	26/08/2016	172914	33	N	262.5		25.2	-5.4	13.4	25	76	4.88			-5.4	13.4		397178.15	6906422.25	1176.00
8042728	26/08/2016	172946	33	N	275		25.2	-5.4	11.6	26	73	4.74			-5.4	11.6		397182.01	6906429.83	1175.00
8042728	26/08/2016	173058	33	N	287.5		25.2	-7	7.9	41	69	4.89			-7	7.9		397189.51	6906439.23	1177.00
8042728	26/08/2016	173118	33	N	287.5		25.2	-8.2	10.1	44	67	4.88	1					397189.94	6906439.54	1176.00
8042728	26/08/2016	173158	33	N	300		25.2	-7.1	10.2	48	68	5.06			-7.1	10.2		397200.08	6906450.15	1177.00
8042728	26/08/2016	173234	33	N	312.5		25.2	-4.2	12.5	40	71	4.96			-4.2	12.5		397207.19	6906460.25	1178.00
8042728	26/08/2016	173258	33	N	312.5		25.2	-3.4	13.1	25	74	4.76	1					397207.14	6906460.38	1178.00
8042728	26/08/2016	173318	33	N	312.5		25.2	-4	12.6	27	74	4.79	2					397207.14	6906460.39	1178.00
8042728	26/08/2016	173554	33	N	325		25.2	-5.1	11.8	46	69	5.06			-5.1	11.8		397211.38	6906468.65	1179.00
8042728	26/08/2016	173630	33	N	337.5		25.2	-5.7	12.6	40	68	4.83			-5.7	12.6		397219.06	6906480.72	1181.00
8042728	26/08/2016	173706	33	N	350		25.2	-5.6	13.5	44	67	4.85			-5.6	13.5		397225.83	6906490.58	1181.00
8042728	26/08/2016	173822	33	N	362.5		25.2	-9.1	13.1	25	72	4.66			-9.1	13.1		397232.35	6906499.09	1181.00
8042728	26/08/2016	173918	33	N	375		25.2	-3.6	14.8	43	68	4.9			-3.6	14.8		397238.74	6906510.37	1182.00
8042728	26/08/2016	173958	33	N	387.5		25.2	-5.7	15	37	73	4.99			-5.7	15	better data fit	397246.32	6906524.48	1183.00
8042728	26/08/2016	174018	33	N	387.5		25.2	-5.2	13.8	38	74	5.04	1					397246.41	6906524.66	1183.00
8042728	26/08/2016	174110	33	N	400		25.2	-1.4	15	45	73	5.21			-1.4	15		397253.71	6906536.58	1183.00
8042728	26/08/2016	174154	33	N	412.5		25.2	-1.6	15.1	55	71	5.45			-1.6	15.1		397257.96	6906542.30	1183.00
8042728	26/08/2016	174234	33	N	425		25.2	-3	16	55	62	5.06			-3	16		397264.71	6906550.47	1182.00
8042728	26/08/2016	174314	33	N	437.5		25.2	-4.1	14.9	52	66	5.12			-4.1	14.9		397273.32	6906560.45	1181.00
8042728	26/08/2016	174350	33	N	450		25.2	-2.8	15.2	62	68	5.62			-2.8	15.2		397280.32	6906570.42	1180.00
8042728	26/08/2016	174422	33	N	462.5		25.2	3	17.9	47	69	5.08			3	17.9		397287.64	6906579.73	1181.00
8042728	26/08/2016	174510	33	N	475		25.2	1.1	18.5	57	59	5.03	2					397297.08	6906589.79	1181.00
8042728	26/08/2016	174534	33	N	475		25.2	1.1	18.5	60	63	5.3			1.1	18.5		397297.00	6906590.27	1181.00
8042728	26/08/2016	174602	33	N	475		25.2	3	18	49	69	5.18	1					397296.85	6906589.97	1181.00
8042728	26/08/2016	174742	33	N	487.5		25.2	-2	16.8	55	61	5.01			-2	16.8		397304.16	6906599.09	1181.00
8042728	26/08/2016	174818	33	N	500		25.2	-8.7	16.4	51	64	4.97	1					397312.51	6906609.66	1181.00
8042728	26/08/2016	174838	33	N	500		25.2	-4.2	14.2	71	49	5.26			-4.2	14.2		397312.63	6906610.01	1181.00
8042728	26/08/2016	174914	33	N	512.5		25.2	-7.2	11.9	68	57	5.4			-7.2	11.9		397320.40	6906617.90	1180.00
8042728	26/08/2016	174938	33	N	512.5		25.2	-7.2	12.2	66	60	5.45	1					397320.54	6906617.89	1180.00
8042728	26/08/2016	175022	33	N	525		25.2	-10.3	11.4	59	64	5.32			-10.3	11.4		397326.70	6906626.71	1180.00
8042728	26/08/2016	175118	33	N	537.5		25.2	-11	10	56	68	5.37			-11	10		397334.73	6906638.29	1179.00
8042728	26/08/2016	175158	33	N	550		25.2	-9.1	10.7	52	73	5.49			-9.1	10.7		397342.51	6906648.91	1179.00
8042728	26/08/2016	175234	33	N	562.5		25.2	-7.1	10.6	45	77	5.47			-7.1	10.6		397348.00	6906656.87	1177.00
8042728	26/08/2016	175326	33	N	575		25.2	-5.2	10.2	63	69	5.71	1					397354.66	6906667.43	1176.00
8042728	26/08/2016	175442	33	N	575		25.2	-5	10.1	60	75	5.89			-5	10.1		397355.42	6906669.12	1176.00
8042728	26/08/2016	175458	33	N	575		25.2	-4.8	10	54	69	5.32	2					397355.33	6906669.06	1176.00
8042728	26/08/2016	175514	33	N	575		25.2	-4.7	9.9	54	73	5.55	2					397355.38	6906669.05	1176.00
8042728	26/08/2016	175546	33	N	587.5	Poor GPS	25.2	-1.4	9.4	65	68	5.71			-1.4	9.4		397362.15	6906678.65	1175.00
8042728	26/08/2016	175618	33	N	600		25.2	2.7	9.1	57	68	5.43			2.7	9.1		397369.52	6906688.00	1173.00
8042728	26/08/2016	175710	33	N	612.5		25.2	7	8.7	50	77	5.57			7	8.7		397376.95	6906698.08	1171.00
8042728	26/08/2016	175742	33	N	625		25.2	11.2	10.3	64	72	5.86			11.2	10.3		397384.70	6906709.34	1171.00
8042728	26/08/2016	175810	33	N	637.5		25.2	14.7	9	45	73	5.2			14.7	9		397391.63	6906719.14	1169.00
8042728	26/08/2016	175842	33	N	650		25.2	19.8	8.7	47	73	5.3			19.8	8.7		397400.05	6906729.62	1168.00
8042728	26/08/2016	175918	33	N	662.5		25.2	28	9.7	39	70	4.87			28	9.7		397409.02	6906740.80	1167.00
8042728	26/08/2016	180006	33	N	675		25.2	31.3	9.7	30	66	4.43			31.3	9.7		397416.08	6906751.62	1164.00
8042728	26/08/2016	180034	33	N	687.5		25.2	40	-5.4	15	55	3.47			40	-5.4		397420.70	6906759.28	1162.00
8042728	26/08/2016	180114	33	N	700		25.2	31.7	8.7	36	60	4.27			31.7	8.7		397428.03	6906769.78	1160.00
8042728	26/08/2016	180146	33	N	712.5		25.2	32.5	6.1	28	63	4.21			32.5	6.1		397432.92	6906778.94	1157.00
8042728	26/08/2016	180230	33	N	725		25.2	35.7	-4.1	17	53	3.4	1					397441.23	6906790.81	1154.00
8042728	26/08/2016	180246	33	N	725		25.2	33.1	3.3	19	57	3.65			33.1	3.3		397441.47	6906790.94	1154.00
8042728	26/08/2016	180334	33	N	737.5		25.2	28.9	5.3	24	56	3.73			28.9	5.3		397445.19	6906799.39	1153.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042728	26/08/2016	180406	33	N	750		25.2	24.1	5.1	28	54	3.73			24.1	5.1		397451.14	6906810.16	1151.00
8042728	26/08/2016	180434	33	N	750		25.2	25.5	3.8	24	54	3.58	1					397451.22	6906810.57	1150.00
8042728	26/08/2016	180510	33	N	762.5		25.2	19.2	6.1	33	54	3.89	1					397459.70	6906820.73	1147.00
8042728	26/08/2016	180538	33	N	762.5		25.2	19.9	4.3	29	52	3.63			19.9	4.3	better dat afit	397459.43	6906820.99	1148.00
8042728	26/08/2016	180614	33	N	775		25.2	13	4.3	30	55	3.85			13	4.3		397466.34	6906832.95	1144.00
8042728	26/08/2016	180634	33	N	775		25.2	12.9	4	20	53	3.46	1					397466.68	6906832.69	1145.00
8042728	26/08/2016	180650	33	N	775		25.2	12.3	5	21	52	3.43	2					397465.83	6906832.96	1145.00
8042728	26/08/2016	180730	33	N	787.5		25.2	6.7	4.7	17	51	3.28	1					397473.25	6906843.75	1144.00
8042728	26/08/2016	180750	33	N	787.5		25.2	7.6	3.5	17	51	3.27	2					397472.82	6906843.56	1143.00
8042728	26/08/2016	180806	33	N	787.5		25.2	9.1	6.2	22	56	3.68			9.1	6.2		397472.89	6906843.48	1144.00
8042728	26/08/2016	180850	33	N	800		25.2	5.3	3.4	19	57	3.64			5.3	3.4		397480.09	6906855.03	1142.00
8042728	26/08/2016	180946	33	N	812.5		25.2	4	5	20	61	3.9			4	5		397484.18	6906863.90	1142.00
8042728	26/08/2016	181002	33	N	812.5		25.2	4.1	5.6	14	53	3.34	1					397484.36	6906864.05	1142.00
8042728	26/08/2016	181126	33	N	825		25.2	7.3	6	17	59	3.76			7.3	6		397492.72	6906874.97	1139.00
8042728	26/08/2016	181142	33	N	825		25.2	8	5.5	14	56	3.53	1					397492.66	6906874.87	1140.00
8042728	26/08/2016	181158	33	N	825		25.2	12.3	6	12	53	3.3	2					397492.70	6906874.81	1140.00
8042728	26/08/2016	181334	33	N	837.5		25.2	26	-0.2	7	22	1.42			26	-0.2		397501.16	6906885.97	1137.00
8042728	26/08/2016	181422	33	N	850		25.2	15.8	7	54	124	4.1			15.8	7		397505.92	6906894.39	1136.00
8042728	26/08/2016	181506	33	N	862.5		25.2	20	4.4	24	61	3.97			20	4.4		397513.13	6906903.47	1136.00
8042728	26/08/2016	181554	33	N	875		25.2	20	6.6	26	59	3.96			20	6.6		397520.62	6906912.43	1135.00
8042728	26/08/2016	181614	33	N	875		25.2	22.2	4	15	53	3.38	1					397521.19	6906912.18	1134.00
8042728	26/08/2016	181630	33	N	875		25.2	19.5	5.5	19	58	3.73	2					397520.85	6906912.45	1134.00
8042728	26/08/2016	181906	33	N	887.5		25.2	18.5	7.6	24	59	3.89			18.5	7.6		397524.39	6906922.31	1134.00
8042728	26/08/2016	181946	33	N	900		25.2	15.5	6.4	12	49	3.06	1					397534.25	6906936.60	1132.00
8042728	26/08/2016	182002	33	N	900		25.2	11.6	10.8	30	107	3.37			11.6	10.8		397534.06	6906936.62	1132.00
8042728	26/08/2016	182038	33	N	912.5		25.2	8.7	11.7	31	107	3.38			8.7	11.7		397540.36	6906946.77	1131.00
8042728	26/08/2016	182126	33	N	925		25.2	6.1	10.4	54	110	3.73			6.1	10.4		397545.90	6906958.31	1130.00
8042728	26/08/2016	182222	33	N	937.5		25.2	6.7	14.7	28	108	3.39			6.7	14.7		397551.66	6906965.10	1129.00
8042728	26/08/2016	182306	33	N	950		25.2	4	15.6	39	116	3.73			4	15.6		397557.29	6906972.96	1129.00
8042728	26/08/2016	182358	33	N	962.5		25.2	1.4	17	46	113	3.72			1.4	17		397565.24	6906985.24	1127.00
8042728	26/08/2016	182434	33	N	975		25.2	2.2	19.6	32	110	3.48	1					397570.62	6906995.26	1128.00
8042728	26/08/2016	182450	33	N	975		25.2	1.4	19	37	114	3.63	2					397570.69	6906995.13	1127.00
8042728	26/08/2016	182506	33	N	975		25.2	2.2	18.8	38	118	3.76			2.2	18.8		397570.70	6906995.10	1127.00
8042728	26/08/2016	182546	33	N	987.5		25.2	-0.6	19.3	47	111	3.66			-0.6	19.3		397576.23	6907006.00	1127.00
8042728	26/08/2016	182630	33	N	1000		25.2	-4.2	22.1	41	117	3.76			-4.2	22.1		397583.57	6907017.63	1125.00
8042728	26/08/2016	182646	33	N	1000		25.2	-3.3	23.5	32	111	3.52	1					397583.95	6907017.74	1125.00
8042728	26/08/2016	182722	33	N	1012.5		25.2	-9.3	23.2	50	116	3.84			-9.3	23.2		397590.30	6907026.55	1125.00
8042728	26/08/2016	182930	33	N	1025		25.2	-10.2	24.9	34	115	3.64	1					397598.50	6907038.29	1124.00
8042728	26/08/2016	183002	33	N	1025		25.2	-8.9	26.2	29	114	3.59	2					397598.13	6907037.39	1123.00
8042728	26/08/2016	183018	33	N	1025		25.2	-10.3	26.4	32	115	3.64			-10.3	26.4		397598.12	6907037.32	1123.00
8042728	26/08/2016	183122	33	N	1037.5		25.2	-13.5	27.8	36	115	3.66			-13.5	27.8		397605.55	6907045.75	1123.00
8042728	26/08/2016	183214	33	N	1050		25.2	-16.9	25.2	50	114	3.79			-16.9	25.2		397613.28	6907055.86	1123.00
8042728	26/08/2016	183258	33	N	1062.5		25.2	-22.1	26.3	40	124	3.96			-22.1	26.3		397622.08	6907066.09	1121.00
8042728	26/08/2016	183314	33	N	1062.5		25.2	-19.6	25.2	18	60	3.85	2					397622.18	6907066.81	1122.00
8042728	26/08/2016	183330	33	N	1062.5		25.2	-20.7	26	19	60	3.83	1					397622.18	6907066.90	1123.00
8042728	26/08/2016	183414	33	N	1075		25.2	-27	25.2	21	59	3.83			-27	25.2		397629.98	6907078.65	1122.00
8042728	26/08/2016	183454	33	N	1087.5		25.2	-26.2	22.4	23	62	4.06	1					397636.66	6907089.33	1122.00
8042728	26/08/2016	183510	33	N	1087.5		25.2	-26.5	22.1	27	63	4.2			-26.5	22.1		397636.46	6907089.38	1123.00
8042728	26/08/2016	183546	33	N	1100		25.2	-28.3	22.7	30	62	4.18			-28.3	22.7		397642.71	6907098.65	1121.00
8042728	26/08/2016	183622	33	N	1112.5		25.2	-29.6	21.8	22	63	4.08			-29.6	21.8		397650.59	6907106.60	1122.00
8042728	26/08/2016	183654	33	N	1125		25.2	-28.9	20.1	34	67	4.57			-28.9	20.1		397659.35	6907114.93	1121.00
8042728	26/08/2016	183758	33	N	1137.5		25.2	-26.4	19.8	33	67	4.57			-26.4	19.8		397668.46	6907124.17	1121.00
8042728	26/08/2016	183834	33	N	1150		25.2	-25.2	17.6	37	69	4.78			-25.2	17.6		397675.33	6907135.25	1120.00
8042728	26/08/2016	183922	33	N	1162.5		25.2	-23.3	16.1	41	67	4.79			-23.3	16.1		397682.28	6907144.09	1121.00
8042728	26/08/2016	184014	33	N	1175		25.2	-18	14.6	51	63	4.94			-18	14.6		397689.07	6907152.95	1121.00
8042728	26/08/2016	184054	33	N	1187.5		25.2	-15.5	11.8	36	68	4.7			-15.5	11.8		397696.90	6907163.44	1122.00
8042728	26/08/2016	184138	33	N	1200		25.2	-16.1	8.2	41	71	5.01			-16.1	8.2		397707.06	6907178.16	1125.00
8042728	26/08/2016	184210	33	N	1212.5		25.2	-15.6	5.5	32	70	4.67			-15.6	5.5		397712.12	6907183.53	1123.00
8042728	26/08/2016	184246	33	N	1225		25.2	-14.1	3.4	34	72	4.87			-14.1	3.4		397718.30	6907194.79	1124.00
8042728	26/08/2016	184322	33	N	1237.5		25.2	-12.1	0.5	35	71	4.85			-12.1	0.5		397724.70	6907205.62	1125.00
8042728	26/08/2016	184410	33	N	1250		25.2	-12.5	-1.7	44	67	4.9			-12.5	-1.7		397731.60	6907214.20	1128.00
8042728	26/08/2016	184458	33	N	1262.5		25.2	-10	-2	58	60	5.08			-10	-2		397739.59	6907223.78	1127.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042728	26/08/2016	184538	33	N	1275		25.2	-10.1	-2.2	48	65	4.93			-10.1	-2.2		397746.64	6907235.72	1126.00
8042728	26/08/2016	184622	33	N	1287.5		25.2	-9.4	-2	46	62	4.73			-9.4	-2		397752.96	6907243.56	1132.00
8042728	26/08/2016	184658	33	N	1300		25.2	-9.3	-1.8	43	66	4.79			-9.3	-1.8		397760.84	6907252.75	1130.00
8042728	26/08/2016	184742	33	N	1312.5		25.2	-8.2	-3.2	48	58	4.6			-8.2	-3.2		397768.16	6907261.84	1132.00
8042728	26/08/2016	185110	33	N	1325		25.2	-12.8	0	40	63	4.59			-12.8	0		397779.71	6907276.43	1137.00
8042728	26/08/2016	185146	33	N	1337.5		25.2	-11.6	-0.9	31	66	4.41			-11.6	-0.9		397779.23	6907284.05	1134.00
8042728	26/08/2016	185226	33	N	1350		25.2	-13.1	1.5	28	64	4.23			-13.1	1.5		397787.33	6907293.07	1135.00
8042728	26/08/2016	185334	33	N	1362.5		25.2	-12.2	1.4	36	66	4.59			-12.2	1.4		397794.77	6907309.74	1138.00
8042728	26/08/2016	185430	33	N	1375		25.2	-9.9	2.1	45	60	4.59			-9.9	2.1		397799.12	6907315.13	1136.00
8042728	26/08/2016	185506	33	N	1387.5		25.2	-5.9	4.7	44	58	4.43			-5.9	4.7		397808.75	6907327.32	1138.00
8042728	26/08/2016	185546	33	N	1400		25.2	-11.5	4.3	40	60	4.42			-11.5	4.3		397816.53	6907335.35	1139.00
8042728	26/08/2016	185618	33	N	1412.5		25.2	-12.2	0.6	38	62	4.45			-12.2	0.6		397821.55	6907344.38	1144.00
8042728	26/08/2016	185722	33	N	1425		25.2	-13.1	6.8	47	61	4.73			-13.1	6.8		397830.99	6907354.50	1142.00
8042728	26/08/2016	185810	33	N	1437.5		25.2	-14.8	5.5	55	53	4.67			-14.8	5.5		397838.99	6907363.43	1142.00
8042728	26/08/2016	185858	33	N	1450		25.2	-16.1	4	58	55	4.87			-16.1	4		397845.90	6907371.01	1146.00
8042728	26/08/2016	185934	33	N	1462.5		25.2	-21.1	8.3	36	66	4.56			-21.1	8.3		397851.34	6907383.97	1147.00
8042728	26/08/2016	190006	33	N	1475		25.2	-20	6.9	33	71	4.79			-20	6.9		397860.28	6907394.41	1145.00
8042728	26/08/2016	190050	33	N	1487.5		25.2	-19.3	6.9	36	73	4.96			-19.3	6.9		397865.39	6907407.67	1155.00
8042728	26/08/2016	190122	33	N	1500		25.2	-7.2	9.3	33	76	5.05			-7.2	9.3		397870.91	6907413.64	1150.00
8042728	26/08/2016	190346	33	N	1512.5		25.2	-3.4	13.6	23	75	4.8			-3.4	13.6		397877.80	6907426.61	1152.00
8042728	26/08/2016	190422	33	N	1525		25.2	4.9	8.6	15	62	3.92			4.9	8.6		397882.70	6907437.80	1166.00
8042728	26/08/2016	190502	33	N	1537.5		25.2	-5.3	11.6	33	73	4.89			-5.3	11.6		397891.92	6907446.30	1158.00
8042728	26/08/2016	190542	33	N	1550		25.2	-9.2	6.9	36	71	4.83			-9.2	6.9		397898.78	6907453.92	1154.00
8042728	26/08/2016	190714	33	N	1562.5		25.2	-2.4	13	25	77	4.95			-2.4	13		397904.51	6907464.40	1160.00
8042728	26/08/2016	191002	33	N	1575		25.2	-4.6	10.9	27	71	4.63			-4.6	10.9		397914.29	6907474.58	1156.00
8042728	26/08/2016	191034	33	N	1587.5		25.2	-10	5.9	24	70	4.52			-10	5.9		397920.76	6907485.75	1158.00
8042728	26/08/2016	191110	33	N	1600		25.2	-20	-0.4	37	86	5.71			-20	-0.4		397928.80	6907498.12	1157.00
8042728	26/08/2016	191150	33	N	1612.5		25.2	-7	-1.7	31	90	5.81			-7	-1.7		397934.51	6907507.74	1156.00
8042728	26/08/2016	191254	33	N	1625		25.2	15.1	6.3	31	89	5.74			15.1	6.3		397940.82	6907516.90	1157.00
8042728	26/08/2016	191326	33	N	1637.5		25.2	33.7	0.6	30	74	4.86			33.7	0.6		397946.48	6907527.06	1155.00
8042728	26/08/2016	191354	33	N	1650		25.2	34.6	-0.8	32	70	4.73			34.6	-0.8		397951.88	6907535.17	1151.00
8042728	26/08/2016	191438	33	N	1662.5		25.2	33.7	-9.5	29	61	4.13			33.7	-9.5		397960.04	6907548.25	1149.00
8042728	26/08/2016	191506	33	N	1675		25.2	24.1	-2.3	32	64	4.35			24.1	-2.3		397968.19	6907560.36	1148.00
8042728	26/08/2016	191534	33	N	1687.5		25.2	18.5	-4.3	32	62	4.23			18.5	-4.3		397975.11	6907567.85	1147.00
8042728	26/08/2016	191606	33	N	1700		25.2	9.6	-3.3	27	61	4.09			9.6	-3.3		397983.63	6907578.24	1146.00
8042728	26/08/2016	191646	33	N	1712.5		25.2	4.6	-3	36	64	4.49			4.6	-3		397988.43	6907588.29	1146.00
8042728	26/08/2016	191718	33	N	1725		25.2	4.6	-1.8	40	66	4.68			4.6	-1.8		397996.51	6907595.75	1141.00
8042728	26/08/2016	191750	33	N	1737.5		25.2	-2.9	-2	28	66	4.35			-2.9	-2		398000.80	6907606.26	1143.00
8042728	26/08/2016	191826	33	N	1750		25.2	-3.8	-1.6	40	64	4.62			-3.8	-1.6		398007.72	6907616.81	1138.00
8042728	26/08/2016	191914	33	N	1762.5		25.2	-7	-1.5	48	65	4.89			-7	-1.5		398015.94	6907624.10	1134.00
8042728	26/08/2016	191950	33	N	1775		25.2	2.8	1.7	31	75	4.94			2.8	1.7		398026.48	6907636.58	1135.00
8042728	26/08/2016	192038	33	N	1787.5		25.2	6.3	-0.1	44	69	4.96			6.3	-0.1		398030.04	6907648.84	1134.00
8042728	26/08/2016	192114	33	N	1800		25.2	3.1	-0.9	46	72	5.21			3.1	-0.9		398035.39	6907657.85	1133.00
8042728	26/08/2016	192146	33	N	1812.5		25.2	5.4	-2.3	45	73	5.24			5.4	-2.3		398042.29	6907667.31	1130.00
8042728	26/08/2016	192218	33	N	1825		25.2	15.6	0	54	69	5.36			15.6	0		398049.48	6907680.54	1132.00
8042728	26/08/2016	192254	33	N	1837.5		25.2	26.1	3.1	47	70	5.11	1					398059.04	6907691.50	1127.00
8042728	26/08/2016	192310	33	N	1837.5		25.2	26.8	1.9	49	68	5.09			26.8	1.9	better data fit	398058.63	6907692.20	1127.00
8042728	26/08/2016	192410	33	N	1850		25.2	24.2	-0.1	36	65	4.51			24.2	-0.1		398068.54	6907703.58	1130.00
8042728	26/08/2016	192546	33	N	1862.5		25.2	-8.2	-20.6	7	-23	1.49	9				Bad signal	398071.77	6907706.50	1123.00
8042728	26/08/2016	192658	33	N	1875		25.2	17.5	-2.9	77	126	4.48			17.5	-2.9		398082.24	6907720.29	1120.00
8042728	26/08/2016	192750	33	N	1887.5		25.2	12.4	-1.7	31	67	4.5			12.4	-1.7		398089.08	6907730.48	1120.00
8042728	26/08/2016	192814	33	N	1887.5		25.2	14.5	-6.6	36	64	4.48	1					398088.58	6907731.25	1118.00
8042728	26/08/2016	192854	33	N	1900	Very Close to previous station, GPS poor	25.2	18.7	0.4	47	62	4.74			18.7	0.4		398094.48	6907736.65	1116.00
8042728	26/08/2016	192934	33	N	1912.5		25.2	25.9	2.1	48	55	4.45			25.9	2.1		398103.77	6907746.66	1116.00
8042728	26/08/2016	193010	33	N	1925		25.2	21.9	2	45	55	4.34			21.9	2		398109.44	6907755.24	1113.00
8042728	26/08/2016	193050	33	N	1937.5		25.2	16.6	1.5	42	53	4.11			16.6	1.5		398117.80	6907763.08	1106.00
8042728	26/08/2016	193130	33	N	1950		25.2	11.5	1.2	38	52	3.91			11.5	1.2		398122.74	6907773.64	1106.00
8042728	26/08/2016	193202	33	N	1962.5		25.2	7	0.3	34	56	3.97			7	0.3		398128.29	6907784.46	1107.00
8042728	26/08/2016	193238	33	N	1975		25.2	2.8	3.2	44	55	4.34			2.8	3.2		398138.29	6907796.25	1106.00
8042728	26/08/2016	193318	33	N	1987.5		25.2	-2.6	2.5	43	55	4.25			-2.6	2.5		398143.62	6907807.13	1105.00
8042728	26/08/2016	193358	33	N	2000		25.2	-7.2	0.9	47	55	4.39			-7.2	0.9		398150.01	6907814.12	1102.00
8042728	26/08/2016	193434	33	N	2012.5		25.2	-14.8	-0.6	43	55	4.26			-14.8	-0.6		398159.31	6907822.41	1100.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	193510	33	N	2025		25.2	-19.5	-4.6	44	59	4.51			-19.5	-4.6		398168.70	6907832.16	1098.00
8042728	26/08/2016	193554	33	N	2037.5		25.2	-17.9	-0.9	30	72	4.79			-17.9	-0.9		398175.20	6907844.06	1102.00
8042728	26/08/2016	193630	33	N	2050		25.2	-0.9	-1.7	47	75	5.38			-0.9	-1.7		398183.45	6907849.99	1094.00
8042728	26/08/2016	193702	33	N	2062.5		25.2	22.7	-0.7	49	73	5.32			22.7	-0.7		398190.93	6907859.97	1094.00
8042728	26/08/2016	193738	33	N	2075		25.2	33.2	-3.8	45	63	4.71			33.2	-3.8		398195.24	6907870.97	1088.00
8042728	26/08/2016	193814	33	N	2087.5		25.2	43	-7.3	35	56	4.02			43	-7.3		398202.12	6907881.09	1091.00
8042728	26/08/2016	193854	33	N	2100		25.2	34.8	-4.8	39	52	3.99			34.8	-4.8		398209.72	6907893.22	1090.00
8042728	26/08/2016	193934	33	N	2112.5		25.2	23.6	-5.6	43	52	4.11			23.6	-5.6		398220.00	6907906.47	1089.00
8042728	26/08/2016	194010	33	N	2125		25.2	17.9	-5.7	42	52	4.08			17.9	-5.7		398227.08	6907915.25	1085.00
8042728	26/08/2016	194046	33	N	2137.5		25.2	18.1	-3.5	45	53	4.23			18.1	-3.5		398231.41	6907921.53	1085.00
8042728	26/08/2016	194130	33	N	2150		25.2	16	-4.5	36	50	3.77			16	-4.5		398239.92	6907931.10	1085.00
8042728	26/08/2016	194206	33	N	2162.5		25.2	9	-2.1	43	51	4.08			9	-2.1		398246.38	6907941.78	1082.00
8042728	26/08/2016	194246	33	N	2175		25.2	4.9	-3.7	39	53	4.04			4.9	-3.7		398255.12	6907951.22	1079.00
8042728	26/08/2016	194322	33	N	2187.5		25.2	6.7	-1.1	22	54	3.55			6.7	-1.1		398257.72	6907963.15	1078.00
8042728	26/08/2016	194426	33	N	2200		25.2	13.9	1.1	40	57	4.23			13.9	1.1		398265.11	6907972.70	1072.00
8042728	26/08/2016	194506	33	N	2212.5		25.2	18.1	4.4	43	52	4.1			18.1	4.4		398272.69	6907982.53	1069.00
8042728	26/08/2016	194538	33	N	2225		25.2	19.2	5.2	46	53	4.27			19.2	5.2		398279.17	6907992.45	1072.00
8042728	26/08/2016	194618	33	N	2237.5		25.2	17	1.9	29	46	3.35			17	1.9		398288.93	6908006.47	1069.00
8042728	26/08/2016	194650	33	N	2250		25.2	11.1	4.8	80	97	3.81			11.1	4.8		398292.96	6908013.34	1068.00
8042728	26/08/2016	194730	33	N	2262.5		25.2	8.8	4.1	76	99	3.8			8.8	4.1		398299.99	6908023.24	1064.00
8042728	26/08/2016	194750	33	N	2262.5		25.2	8.3	4.7	76	98	3.77	1					398300.71	6908024.53	1064.00
8042728	26/08/2016	194838	33	N	2275		25.2	6.9	5.3	74	104	3.88			6.9	5.3		398307.20	6908033.78	1062.00
8042728	26/08/2016	194918	33	N	2287.5		25.2	5	5.9	89	103	4.13			5	5.9		398315.33	6908045.87	1060.00
8042728	26/08/2016	194950	33	N	2300		25.2	5.2	7.2	82	112	4.22			5.2	7.2		398321.77	6908055.03	1057.00
8042728	26/08/2016	195022	33	N	2312.5		25.2	9.8	10.6	60	107	3.72			9.8	10.6		398327.89	6908063.42	1055.00
8042728	26/08/2016	195054	33	N	2325		25.2	10.9	10.3	61	110	3.81			10.9	10.3		398335.10	6908070.33	1050.00
8042728	26/08/2016	195130	33	N	2337.5		25.2	14.2	14.1	60	107	3.72			14.2	14.1		398342.96	6908080.85	1048.00
8042728	26/08/2016	195210	33	N	2350		25.2	19.3	12.4	65	101	3.65			19.3	12.4		398350.30	6908092.69	1046.00
8042728	26/08/2016	195250	33	N	2362.5		25.2	19	15.6	68	97	3.61	1					398356.81	6908099.62	1039.00
8042728	26/08/2016	195306	33	N	2362.5		25.2	20.4	14	60	92	3.35			20.4	14	best data fit	398356.74	6908099.67	1039.00
8042728	26/08/2016	195322	33	N	2362.5		25.2	21	13.6	59	94	3.38	1					398356.53	6908099.47	1039.00
8042728	26/08/2016	195350	33	N	2362.5		25.2	19	16.3	62	91	3.33	2					398355.94	6908098.10	1037.00
1124844	26/08/2016	171134	35	N	0		25.2	-5.7	-16.6	81	96	3.81			-5.7	-16.6		397191.97	6906092.72	1154
1124844	26/08/2016	171150	35	N	0		25.2	-6	-16.9	75	97	3.71	1					397192.14	6906092.62	1154
1124844	26/08/2016	171726	35	N	25		25.2	-7.5	-18	67	97	3.59			-7.5	-18	better data fit	397204.05	6906111.15	1161
1124844	26/08/2016	171750	35	N	25		25.2	-9.1	-18.4	78	98	3.8	1					397204.09	6906111.38	1159
1124844	26/08/2016	171950	35	N	37.5		25.2	-8.6	-20.2	33	97	3.13	1					397210.09	6906120.37	1164
1124844	26/08/2016	172010	35	N	37.5		25.2	-8.4	-20.1	42	98	3.23			-8.4	-20.1		397210.31	6906120.38	1164
1124844	26/08/2016	172122	35	N	50		25.2	-11.9	-19.1	40	97	3.2			-11.9	-19.1		397217.22	6906130.72	1168
1124844	26/08/2016	172238	35	N	62.5		25.2	-12.4	-16.8	79	97	3.81			-12.4	-16.8		397224.88	6906139.02	1170
1124844	26/08/2016	172334	35	N	75		25.2	-6.5	-12.4	99	99	4.25			-6.5	-12.4		397230.53	6906150.33	1172
1124844	26/08/2016	172406	35	N	87.5		25.2	-4.1	-12.5	79	97	3.81			-4.1	-12.5		397239.28	6906159.18	1174
1124844	26/08/2016	172522	35	N	100		25.2	-6.8	-13.7	92	98	4.09			-6.8	-13.7		397243.87	6906170.14	1176
1124844	26/08/2016	172558	35	N	112.5		25.2	-1.3	-9.4	100	100	4.29			-1.3	-9.4		397249.65	6906180.8	1178
1124844	26/08/2016	172650	35	N	125		25.2	14.4	-5.5	99	100	4.28			14.4	-5.5		397258.57	6906190.1	1180
1124844	26/08/2016	172738	35	N	137.5		25.2	13.5	-5.5	86	98	3.95			13.5	-5.5		397266.08	6906198.47	1181
1124844	26/08/2016	172810	35	N	150		25.2	7.3	-5.6	98	98	4.21			7.3	-5.6		397273.4	6906206.6	1181
1124844	26/08/2016	172854	35	N	162.5		25.2	8.1	-7.4	89	98	4.03			8.1	-7.4		397278.7	6906219.01	1183
1124844	26/08/2016	172942	35	N	175		25.2	13.5	-8.9	71	97	3.66			13.5	-8.9		397286.69	6906228.93	1185
1124844	26/08/2016	173538	35	N	187.5		25.2	15.7	-4.7	71	97	3.66	1					397293.49	6906239.51	1185
1124844	26/08/2016	173610	35	N	187.5		25.2	11.6	-6.6	75	97	3.74			11.6	-6.6		397298.48	6906249.9	1187
1124844	26/08/2016	173642	35	N	200		25.2	3.9	-6.4	52	97	3.35			3.9	-6.4		397302.96	6906261.39	1189
1124844	26/08/2016	173742	35	N	212.5		25.2	5.3	-8.1	87	98	3.98			5.3	-8.1		397313.96	6906269.92	1192
1124844	26/08/2016	173818	35	N	225		25.2	3	-8	73	97	3.71			3	-8		397319.31	6906279.82	1192
1124844	26/08/2016	173854	35	N	237.5		25.2	-0.7	-8.1	95	98	4.16			-0.7	-8.1		397327.36	6906289.61	1194
1124844	26/08/2016	173930	35	N	250		25.2	-4.3	-8.9	97	99	4.2			-4.3	-8.9		397335.24	6906299.3	1196
1124844	26/08/2016	174010	35	N	262.5		25.2	-7.2	-9.9	99	95	4.16			-7.2	-9.9		397340.93	6906308.43	1198
1124844	26/08/2016	174102	35	N	275		25.2	11.1	-2.3	22	97	3.04			11.1	-2.3		397347.43	6906322.47	1198
1124844	26/08/2016	174202	35	N	287.5		25.2	28.4	7.9	72	97	3.68			28.4	7.9		397352.57	6906330.53	1199
1124844	26/08/2016	174234	35	N	300		25.2	22.8	9.5	78	97	3.8			22.8	9.5		397361.36	6906340.48	1200
1124844	26/08/2016	174306	35	N	312.5		25.2	14.5	7	98	99	4.23			14.5	7		397368.85	6906349.15	1201
1124844	26/08/2016	174354	35	N	325		25.2	9.6	4.4	84	98	3.91			9.6	4.4		397376.41	6906360.4	1202

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	174438	35	N	337.5		25.2	7.8	2	76	97	3.76			7.8	2		397384.89	6906371.49	1202
1124844	26/08/2016	174518	35	N	350		25.2	0.4	0.9	96	96	4.11			0.4	0.9		397392.96	6906380.47	1203
1124844	26/08/2016	174546	35	N	362.5		25.2	-5.2	1.1	88	97	3.98			-5.2	1.1		397399.84	6906389.67	1204
1124844	26/08/2016	174810	35	N	375		25.2	-4.9	-2.6	92	98	4.09			-4.9	-2.6		397407.22	6906400.13	1205
1124844	26/08/2016	174842	35	N	387.5		25.2	-7.8	-1.3	98	99	4.22			-7.8	-1.3		397412.14	6906411.66	1206
1124844	26/08/2016	174910	35	N	400		25.2	-10.1	-1.4	94	98	4.13			-10.1	-1.4		397419.14	6906419.76	1206
1124844	26/08/2016	174942	35	N	412.5		25.2	-10.7	-2.8	99	99	4.25			-10.7	-2.8		397427.65	6906430.66	1207
1124844	26/08/2016	175022	35	N	425		25.2	-0.1	3.8	70	97	3.64			-0.1	3.8		397435.04	6906440.83	1208
1124844	26/08/2016	175050	35	N	437.5		25.2	4.1	1.8	80	97	3.84			4.1	1.8		397441.39	6906452.33	1207
1124844	26/08/2016	175126	35	N	450		25.2	-0.3	0.6	98	99	4.23			-0.3	0.6		397448.92	6906461.73	1207
1124844	26/08/2016	175158	35	N	462.5		25.2	-1.9	-1.3	80	98	3.84			-1.9	-1.3		397457.79	6906471.16	1207
1124844	26/08/2016	175246	35	N	475		25.2	-1	-3.7	85	98	3.94			-1	-3.7		397463.49	6906481.23	1207
1124844	26/08/2016	175318	35	N	487.5		25.2	1.7	-0.2	89	98	4.03			1.7	-0.2		397471.17	6906492.72	1207
1124844	26/08/2016	175442	35	N	500		25.2	0.6	-4	80	97	3.84			0.6	-4		397478.57	6906501.74	1206
1124844	26/08/2016	175510	35	N	512.5		25.2	5	-4.7	57	97	3.43			5	-4.7		397484.74	6906512.63	1205
1124844	26/08/2016	175542	35	N	525		25.2	17.7	-2	82	97	3.87			17.7	-2		397490.88	6906523.52	1205
1124844	26/08/2016	175610	35	N	537.5		25.2	32.9	1.7	58	97	3.44			32.9	1.7		397498.81	6906533.46	1204
1124844	26/08/2016	175642	35	N	550		25.2	22.3	0.6	88	98	4			22.3	0.6		397505	6906544.46	1203
1124844	26/08/2016	175710	35	N	562.5		25.2	24.5	4.1	71	97	3.66			24.5	4.1		397512.09	6906554.72	1202
1124844	26/08/2016	175754	35	N	575		25.2	30	0	71	97	3.66			30	0		397519.08	6906565.85	1200
1124844	26/08/2016	175838	35	N	587.5		25.2	30.3	-1.7	71	97	3.66			30.3	-1.7		397525.59	6906575.39	1200
1124844	26/08/2016	175922	35	N	600		25.2	31.4	1.1	78	97	3.78			31.4	1.1		397533	6906584.8	1199
1124844	26/08/2016	175950	35	N	612.5		25.2	21.9	-4.7	86	97	3.95			21.9	-4.7		397538.72	6906593.13	1197
1124844	26/08/2016	180022	35	N	625		25.2	25.8	-8.1	64	97	3.54			25.8	-8.1		397546.89	6906604.25	1196
1124844	26/08/2016	180102	35	N	637.5		25.2	21.9	-3.4	96	99	4.18	1					397554.91	6906614.36	1195
1124844	26/08/2016	180122	35	N	637.5		25.2	26.3	-4.2	94	98	4.13			26.3	-4.2	better data fit	397555.08	6906614.19	1195
1124844	26/08/2016	180154	35	N	650		25.2	38.5	1.4	86	98	3.97			38.5	1.4		397559.91	6906626.05	1193
1124844	26/08/2016	180242	35	N	662.5		25.2	37.9	3.4	94	98	4.13			37.9	3.4		397567.8	6906636.17	1191
1124844	26/08/2016	180334	35	N	675		25.2	40.3	5.1	98	99	4.22			40.3	5.1		397574.43	6906645.55	1191
1124844	26/08/2016	180418	35	N	687.5		25.2	39.4	5.1	97	97	4.16			39.4	5.1		397581.4	6906655.89	1189
1124844	26/08/2016	180502	35	N	700		25.2	39.4	5.6	87	96	3.92			39.4	5.6		397590.27	6906665.17	1189
1124844	26/08/2016	180546	35	N	712.5		25.2	37.5	5.4	97	94	4.1			37.5	5.4		397597.77	6906675.14	1186
1124844	26/08/2016	180622	35	N	725		25.2	41.6	5.6	84	95	3.86			41.6	5.6		397606.97	6906683.94	1185
1124844	26/08/2016	180702	35	N	737.5		25.2	36.5	5.3	90	89	3.85			36.5	5.3		397613.25	6906694.42	1183
1124844	26/08/2016	180758	35	N	750		25.2	37.1	2.6	55	96	3.36			37.1	2.6		397618.33	6906703.46	1181
1124844	26/08/2016	180826	35	N	762.5		25.2	29.6	-0.1	89	92	3.89			29.6	-0.1		397625.79	6906712.31	1179
1124844	26/08/2016	180902	35	N	775		25.2	22.7	-3.1	86	95	3.92			22.7	-3.1		397635.67	6906726.85	1179
1124844	26/08/2016	180926	35	N	787.5		25.2	20.4	-5.5	87	93	3.89			20.4	-5.5		397641.13	6906733.16	1178
1124844	26/08/2016	181018	35	N	800		25.2	18.4	-5.3	89	95	3.97			18.4	-5.3		397648.29	6906743.9	1176
1124844	26/08/2016	181054	35	N	812.5		25.2	19.7	-7.7	86	97	3.96			19.7	-7.7		397655.45	6906752.69	1175
1124844	26/08/2016	181126	35	N	825		25.2	32.6	-2.7	60	97	3.47			32.6	-2.7		397662.36	6906763.37	1172
1124844	26/08/2016	181214	35	N	837.5		25.2	35.4	0.9	61	97	3.49			35.4	0.9		397669.54	6906774.2	1172
1124844	26/08/2016	181302	35	N	850		25.2	34.3	5	95	94	4.05			34.3	5		397673.48	6906783.83	1171
1124844	26/08/2016	181346	35	N	862.5		25.2	34.7	7.7	91	96	4.02			34.7	7.7		397681.73	6906792.16	1171
1124844	26/08/2016	181430	35	N	862.5		25.2	40	9.4	60	97	3.48	2					397682.21	6906792.36	1170
1124844	26/08/2016	181502	35	N	875		25.2	34.3	6.7	68	97	3.6			34.3	6.7		397689.66	6906800.73	1169
1124844	26/08/2016	181546	35	N	887.5		25.2	31.6	4.5	60	96	3.45			31.6	4.5		397694.64	6906812.56	1166
1124844	26/08/2016	181618	35	N	900		25.2	30.8	4.7	66	97	3.57			30.8	4.7		397701.74	6906821.48	1164
1124844	26/08/2016	181858	35	N	912.5		25.2	33	5.9	77	96	3.74			33	5.9		397709.02	6906832.25	1163
1124844	26/08/2016	181946	35	N	925		25.2	35.6	10.1	66	97	3.57			35.6	10.1		397716.64	6906842.48	1161
1124844	26/08/2016	182018	35	N	937.5		25.2	34.8	13.7	71	97	3.65			34.8	13.7		397724.4	6906852.09	1159
1124844	26/08/2016	182046	35	N	950		25.2	30.9	13.5	65	92	3.43			30.9	13.5		397730.86	6906863.66	1157
1124844	26/08/2016	182118	35	N	962.5		25.2	28	12.4	66	94	3.49			28	12.4		397738.18	6906872.01	1155
1124844	26/08/2016	182146	35	N	975		25.2	26.5	12.3	45	97	3.24			26.5	12.3		397744.59	6906881.63	1153
1124844	26/08/2016	182230	35	N	987.5		25.2	22.2	13.5	50	95	3.27	1					397751.82	6906892.53	1151
1124844	26/08/2016	182246	35	N	987.5		25.2	20.5	12.9	65	96	3.53			20.5	12.9		397751.4	6906892.46	1151
1124844	26/08/2016	182322	35	N	1000		25.2	18.3	14	54	93	3.27			18.3	14		397757.11	6906902.22	1149
1124844	26/08/2016	182402	35	N	1012.5		25.2	12.3	12.5	72	91	3.54			12.3	12.5		397766.98	6906912.54	1147
1124844	26/08/2016	182438	35	N	1025		25.2	8.9	12.7	62	94	3.42			8.9	12.7		397771.24	6906921.75	1146
1124844	26/08/2016	182514	35	N	1037.5		25.2	5.6	14	54	93	3.27			5.6	14		397777.1	6906932.13	1144
1124844	26/08/2016	182614	35	N	1050		25.2	0.8	17.1	12	97	2.97			0.8	17.1		397783.55	6906941.25	1141
1124844	26/08/2016	182658	35	N	1062.5		25.2	-2.6	13.8	51	97	3.33			-2.6	13.8		397789.67	6906951.97	1138

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	26/08/2016	182746	35	N	1075		25.2	-3.5	12.3	63	96	3.5			-3.5	12.3		397796.61	6906961.25	1136
1124844	26/08/2016	182822	35	N	1087.5		25.2	-9.5	11.6	67	97	3.59			-9.5	11.6		397803.89	6906971.67	1133
1124844	26/08/2016	182854	35	N	1100		25.2	-14.1	8.4	68	97	3.6			-14.1	8.4		397810.53	6906981.67	1132
1124844	26/08/2016	182926	35	N	1112.5		25.2	-17.6	6.3	76	97	3.75			-17.6	6.3		397817.79	6906991.95	1131
1124844	26/08/2016	183238	35	N	1125		25.2	-17.3	6.9	69	97	3.62			-17.3	6.9		397824.83	6907002.17	1129
1124844	26/08/2016	183310	35	N	1137.5		25.2	-14.7	6.1	92	98	4.09			-14.7	6.1		397830.96	6907011.98	1127
1124844	26/08/2016	183334	35	N	1137.5		25.2	-13.3	6.2	75	97	3.75	1					397831.82	6907012.27	1126
1124844	26/08/2016	183418	35	N	1150		25.2	-4.6	6.2	62	97	3.5			-4.6	6.2		397839.23	6907020.49	1124
1124844	26/08/2016	183454	35	N	1162.5		25.2	10.6	7.4	95	99	4.15			10.6	7.4		397846.66	6907030.74	1122
1124844	26/08/2016	184218	35	N	1175		25.2	20.1	7.2	78	97	3.8			20.1	7.2		397857.24	6907043.91	1119
1124844	26/08/2016	184318	35	N	1187.5		25.2	31.9	11.1	43	97	3.24			31.9	11.1		397862.41	6907053.14	1116
1124844	26/08/2016	184410	35	N	1200		25.2	30	10.3	46	97	3.27			30	10.3		397866.5	6907061.99	1115
1124844	26/08/2016	184442	35	N	1212.5		25.2	27.9	6.5	45	97	3.26			27.9	6.5		397872.57	6907071.69	1112
1124844	26/08/2016	184522	35	N	1225		25.2	28.1	3.2	43	97	3.24			28.1	3.2		397879.92	6907083.3	1109
1124844	26/08/2016	184610	35	N	1237.5		25.2	26.2	0.7	52	97	3.36			26.2	0.7		397888.84	6907092.07	1108
1124844	26/08/2016	184642	35	N	1250		25.2	21.7	-1.3	62	97	3.5			21.7	-1.3		397894.04	6907101.8	1106
1124844	26/08/2016	184718	35	N	1262.5		25.2	22.8	-5.9	54	97	3.39			22.8	-5.9		397900.41	6907113.43	1104
1124844	26/08/2016	184758	35	N	1275		25.2	21.2	-9.1	48	98	3.3			21.2	-9.1		397908.08	6907122.8	1103
1124844	26/08/2016	184858	35	N	1287.5		25.2	17.8	-9.3	75	97	3.74			17.8	-9.3		397914.07	6907132.71	1101
1124844	26/08/2016	184926	35	N	1287.5		25.2	15.2	-8	65	97	3.57	1					397914.18	6907133.65	1101
1124844	26/08/2016	185022	35	N	1300		25.2	16.4	-9.3	65	98	3.57			16.4	-9.3		397921.03	6907142.63	1102
1124844	26/08/2016	185118	35	N	1312.5		25.2	25.5	-9.2	34	98	3.14			25.5	-9.2		397929.66	6907151.44	1100
1124844	26/08/2016	185202	35	N	1325		25.2	24	-6	76	98	3.76			24	-6		397937.87	6907161.01	1100
1124844	26/08/2016	185254	35	N	1337.5		25.2	30.4	-3.3	35	98	3.15			30.4	-3.3		397946.09	6907170.68	1100
1124844	26/08/2016	185334	35	N	1350		25.2	29.3	-1.8	35	97	3.12			29.3	-1.8		397954.34	6907181.94	1101
1124844	26/08/2016	185410	35	N	1362.5		25.2	21.5	-3.7	15	97	3			21.5	-3.7		397955.58	6907191.35	1101
1124844	26/08/2016	185510	35	N	1375		25.2	13.3	-6.9	53	95	3.32			13.3	-6.9		397965.06	6907200.47	1104
1124844	26/08/2016	185554	35	N	1387.5		25.2	5.5	-10	65	93	3.44			5.5	-10		397973.62	6907210.15	1108
1124844	26/08/2016	185630	35	N	1400		25.2	0.3	-11.7	78	93	3.7			0.3	-11.7		397983.59	6907219.41	1107
1124844	26/08/2016	185730	35	N	1412.5		25.2	3.1	-10	31	97	3.1			3.1	-10		397989.65	6907229.33	1110
1124844	26/08/2016	185818	35	N	1425		25.2	-0.3	-10.7	33	98	3.13			-0.3	-10.7		397995.94	6907244.41	1115
1124844	26/08/2016	185858	35	N	1437.5		25.2	-4.6	-11.5	37	98	3.18			-4.6	-11.5		398000.51	6907253.28	1115
1124844	26/08/2016	185950	35	N	1450		25.2	-8.7	-10.3	48	98	3.3			-8.7	-10.3		398010.24	6907262.8	1115
1124844	26/08/2016	190034	35	N	1462.5		25.2	-10	-10.2	91	97	4.03			-10	-10.2		398015.63	6907270.22	1117
1124844	26/08/2016	190110	35	N	1475		25.2	-12	-7.7	92	98	4.08			-12	-7.7		398022.8	6907278.83	1116
1124844	26/08/2016	190314	35	N	1487.5		25.2	-4.8	-4.5	98	97	4.2			-4.8	-4.5		398031.42	6907290.78	1121
1124844	26/08/2016	190410	35	N	1500		25.2	-3.7	-2.2	76	98	3.76			-3.7	-2.2		398038.33	6907300.78	1121
1124844	26/08/2016	190438	35	N	1512.5		25.2	-1.9	1	65	98	3.56			-1.9	1		398043.25	6907311.38	1124
1124844	26/08/2016	190514	35	N	1525		25.2	-3.3	0.6	84	98	3.92			-3.3	0.6		398050.34	6907321.06	1119
1124844	26/08/2016	190554	35	N	1537.5		25.2	-9	-1.8	97	94	4.11			-9	-1.8		398059.25	6907331.52	1122
1124844	26/08/2016	190646	35	N	1550		25.2	-8.7	-0.6	71	98	3.67			-8.7	-0.6		398064.61	6907343	1122
1124844	26/08/2016	190926	35	N	1562.5		25.2	-17.5	-4.7	95	99	4.16			-17.5	-4.7		398072.06	6907351.87	1122
1124844	26/08/2016	191010	35	N	1575		25.2	-12.6	-4.9	80	98	3.84			-12.6	-4.9		398079.9	6907362.13	1121
1124844	26/08/2016	191042	35	N	1587.5		25.2	-10.9	-5.2	55	98	3.4			-10.9	-5.2		398087.67	6907370.68	1119
1124844	26/08/2016	191130	35	N	1600		25.2	6.7	0.6	42	98	3.24			6.7	0.6		398093.65	6907383.26	1118
1124844	26/08/2016	191218	35	N	1612.5		25.2	13.7	-0.2	81	98	3.85			13.7	-0.2		398098.88	6907394.6	1119
1124844	26/08/2016	191254	35	N	1625		25.2	11.1	-4.8	90	98	4.06			11.1	-4.8		398106.95	6907405.07	1119
1124844	26/08/2016	191310	35	N	1625		25.2	8.4	-5	80	98	3.84	2					398106.88	6907403.17	1118
1124844	26/08/2016	191354	35	N	1637.5		25.2	31.8	-0.5	100	100	4.3			31.8	-0.5		398117.34	6907417.66	1120
1124844	26/08/2016	191438	35	N	1650		25.2	27.8	-1.3	100	99	4.27			27.8	-1.3		398124.73	6907424.23	1118
1124844	26/08/2016	191514	35	N	1662.5		25.2	23	-3.3	100	99	4.26			23	-3.3		398130.16	6907433.6	1119
1124844	26/08/2016	191546	35	N	1675		25.2	22.1	-7.8	99	98	4.23			22.1	-7.8		398139.44	6907441.38	1113
1124844	26/08/2016	191622	35	N	1687.5		25.2	17.1	-6.4	100	99	4.27			17.1	-6.4		398145.81	6907451.92	1112
1124844	26/08/2016	191706	35	N	1700		25.2	32.3	-3.5	83	97	3.89			32.3	-3.5		398148.84	6907460.5	1111
1124844	26/08/2016	191746	35	N	1712.5		25.2	39.3	-4.2	44	98	3.26			39.3	-4.2		398157.32	6907471.34	1111
1124844	26/08/2016	191834	35	N	1725		25.2	32.3	-5.8	66	98	3.57			32.3	-5.8		398165.41	6907481.92	1110
1124844	26/08/2016	191942	35	N	1737.5		25.2	28.6	-8.6	56	97	3.41			28.6	-8.6		398172.27	6907491.57	1109
1124844	26/08/2016	192014	35	N	1750		25.2	18.9	-9.1	71	98	3.67			18.9	-9.1		398179.56	6907503.87	1109
1124844	26/08/2016	192050	35	N	1762.5		25.2	24.1	-6.3	88	98	4			24.1	-6.3		398186.85	6907514.97	1108
1124844	26/08/2016	192118	35	N	1775		25.2	29.6	-2.7	70	98	3.65			29.6	-2.7		398192.62	6907522.74	1104
1124844	26/08/2016	192150	35	N	1787.5		25.2	26.5	-0.9	81	97	3.86			26.5	-0.9		398198.88	6907531.57	1103
1124844	26/08/2016	192226	35	N	1800		25.2	22.3	-3.9	76	97	3.74			22.3	-3.9		398205.75	6907543.49	1100

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	192322	35	N	1812.5		25.2	19.1	-5.8	45	98	3.27			19.1	-5.8		398210.29	6907553.96	1098
1124844	26/08/2016	192358	35	N	1825		25.2	10.9	-8.8	69	98	3.64			10.9	-8.8		398214.76	6907565.91	1097
1124844	26/08/2016	192438	35	N	1837.5		25.2	14.7	-7.2	75	98	3.75			14.7	-7.2		398221.18	6907576.48	1094
1124844	26/08/2016	192510	35	N	1850		25.2	8.9	-4.7	95	97	4.13			8.9	-4.7		398227.51	6907584.06	1090
1124844	26/08/2016	192542	35	N	1862.5		25.2	10.3	-6.5	94	99	4.13			10.3	-6.5		398232.89	6907596.84	1088
1124844	26/08/2016	192622	35	N	1875		25.2	5.2	-4.7	79	98	3.82			5.2	-4.7		398242.45	6907605.35	1088
1124844	26/08/2016	192654	35	N	1887.5		25.2	10.7	-6.6	74	98	3.73			10.7	-6.6		398248.79	6907615.13	1086
1124844	26/08/2016	192730	35	N	1900		25.2	16.8	-3.3	73	98	3.71			16.8	-3.3		398255.35	6907627.61	1085
1124844	26/08/2016	193046	35	N	1912.5		25.2	15.2	-3.4	97	99	4.2			15.2	-3.4		398265.53	6907634.99	1081
1124844	26/08/2016	193130	35	N	1925		25.2	17.4	-0.6	99	97	4.21			17.4	-0.6		398271.4	6907643.85	1079
1124844	26/08/2016	193202	35	N	1937.5		25.2	18.8	1.5	99	99	4.26			18.8	1.5		398278.49	6907653.67	1078
1124844	26/08/2016	193234	35	N	1950		25.2	20.1	1.9	97	95	4.13			20.1	1.9		398288.01	6907661.1	1076
1124844	26/08/2016	193302	35	N	1962.5		25.2	18.4	1.7	93	98	4.11			18.4	1.7		398296.42	6907669.9	1074
1124844	26/08/2016	193334	35	N	1975		25.2	22.1	-2.7	85	98	3.93			22.1	-2.7		398304	6907680.96	1071
1124844	26/08/2016	193402	35	N	1987.5		25.2	22.4	-1.2	89	98	4.02			22.4	-1.2		398311.45	6907689.87	1070
1124844	26/08/2016	193438	35	N	2000		25.2	24.6	-2.5	89	97	4.01			24.6	-2.5		398320.05	6907702.68	1066
1124844	26/08/2016	193506	35	N	2012.5		25.2	25.4	-6.7	84	98	3.91			25.4	-6.7		398326.15	6907711.18	1065
1124844	26/08/2016	193538	35	N	2025		25.2	28.7	-2.7	96	98	4.17			28.7	-2.7		398332.75	6907720.36	1064
1124844	26/08/2016	193614	35	N	2037.5		25.2	39.1	-1.4	48	98	3.31			39.1	-1.4		398339.52	6907731.96	1060
1124844	26/08/2016	193706	35	N	2050		25.2	33.1	-3	70	97	3.62			33.1	-3		398345.8	6907740.4	1058
1124844	26/08/2016	193742	35	N	2062.5		25.2	20	-10.2	70	95	3.58			20	-10.2		398354.72	6907753.22	1054
1124844	26/08/2016	193826	35	N	2075		25.2	23.6	-14.2	35	97	3.14			23.6	-14.2		398360.84	6907764.44	1052
1124844	26/08/2016	193906	35	N	2087.5		25.2	19.5	-11.7	95	93	4.04			19.5	-11.7		398367.3	6907771.19	1051
1124844	26/08/2016	193942	35	N	2100		25.2	23.5	-13.1	75	96	3.69			23.5	-13.1		398374.72	6907779.99	1052
1124844	26/08/2016	194014	35	N	2112.5		25.2	19.2	-14.8	85	92	3.81			19.2	-14.8		398379.66	6907791.24	1053
1124844	26/08/2016	194050	35	N	2125		25.2	18.8	-14.6	68	98	3.62			18.8	-14.6		398385.45	6907800.71	1054
1124844	26/08/2016	194126	35	N	2137.5		25.2	15.1	-11.8	94	92	3.99			15.1	-11.8		398394.88	6907809.64	1053
1124844	26/08/2016	194202	35	N	2150		25.2	17.8	-10.5	85	94	3.84			17.8	-10.5		398402.92	6907820.01	1052
1124844	26/08/2016	194234	35	N	2162.5		25.2	15.9	-7.9	96	81	3.8			15.9	-7.9		398408.61	6907829.62	1053
1124844	26/08/2016	194302	35	N	2175		25.2	16	-7.8	73	92	3.56			16	-7.8		398416.09	6907841.01	1051
1124844	26/08/2016	194338	35	N	2187.5		25.2	9.2	-9.2	86	94	3.87			9.2	-9.2		398424.46	6907853.21	1050
1124844	26/08/2016	194418	35	N	2200		25.2	4.9	-10.6	84	96	3.86			4.9	-10.6		398428.5	6907865.68	1048
1124844	26/08/2016	194446	35	N	2212.5		25.2	8.7	-8.5	72	98	3.69			8.7	-8.5		398436.5	6907872.7	1047
1124844	26/08/2016	194526	35	N	2225		25.2	9.9	-5.5	90	97	4.03			9.9	-5.5		398442.75	6907882.76	1046
1124844	26/08/2016	194558	35	N	2237.5		25.2	12.9	-4.1	80	96	3.81			12.9	-4.1		398453.04	6907892.5	1044
1124844	26/08/2016	194626	35	N	2250		25.2	16.9	-1.6	74	97	3.7			16.9	-1.6		398457.51	6907901.91	1044
1124844	26/08/2016	194654	35	N	2262.5		25.2	17.6	1.6	70	96	3.61			17.6	1.6		398464.84	6907912.03	1042
1124844	26/08/2016	194722	35	N	2275		25.2	19.3	2.1	96	96	4.13			19.3	2.1		398472.28	6907920.57	1040
1124844	26/08/2016	194754	35	N	2287.5		25.2	15.6	1.4	80	94	3.74			15.6	1.4		398479.31	6907931.22	1038
1124844	26/08/2016	194826	35	N	2300		25.2	11.7	-3.6	96	87	3.94			11.7	-3.6		398487.17	6907941.98	1038
1124844	26/08/2016	194858	35	N	2312.5		25.2	19.5	1.5	37	98	3.18			19.5	1.5		398490.79	6907953.7	1037
1124844	26/08/2016	194934	35	N	2325		25.2	21.4	2.1	63	97	3.52			21.4	2.1		398497.98	6907963.04	1032
1124844	26/08/2016	195026	35	N	2337.5		25.2	23.4	2.7	67	96	3.55			23.4	2.7		398506.59	6907972.53	1029
1124844	26/08/2016	195058	35	N	2350		25.2	29.2	4.2	76	95	3.68	1					398514.35	6907981.67	1028
1124844	26/08/2016	195118	35	N	2350		25.2	27.8	4.9	75	96	3.69			27.8	4.9		398515.13	6907981.8	1028
1124844	26/08/2016	195158	35	N	2362.5		25.2	30.6	6.3	74	94	3.64			30.6	6.3		398521.33	6907991.59	1024
1124844	26/08/2016	195238	35	N	2375		25.2	32.4	8.8	68	94	3.52	1					398525.96	6908001.82	1019
1124844	26/08/2016	195258	35	N	2375		25.2	32.3	8.2	84	82	3.58	1					398525.81	6908002.36	1019
1124844	26/08/2016	195314	35	N	2375		25.2	29.9	9.3	89	79	3.62	1					398525.77	6908002.38	1019
1124844	26/08/2016	195330	35	N	2375		25.2	30.6	8.9	91	87	3.82			30.6	8.9		398525.74	6908002.39	1019
8042728	26/08/2016	234846	37	N	0		25.2	7.3	-17.7	26	67	4.37	1					397360.47	6905972.93	1187.00
8042728	26/08/2016	234902	37	N	0		25.2	7.9	-17.8	24	69	4.46	1					397360.24	6905973.11	1187.00
8042728	26/08/2016	235006	37	N	0		25.2	5.6	-17.1	37	66	4.6			5.6	-17.1		397358.58	6905976.44	1181.00
8042728	26/08/2016	234754	37	N	12.5		25.2	8	-14	19	69	4.33	1					397365.63	6905988.13	1183.00
8042728	26/08/2016	234810	37	N	12.5		25.2	9.4	-15.5	21	70	4.43			9.4	-15.5		397365.41	6905988.07	1183.00
8042728	26/08/2016	234722	37	N	25		25.2	9.2	-13.7	17	69	4.33			9.2	-13.7		397368.95	6905997.96	1186.00
8042728	26/08/2016	234654	37	N	37.5		25.2	9.7	-14.1	23	71	4.52			9.7	-14.1		397373.32	6906008.21	1186.00
8042728	26/08/2016	234610	37	N	50		25.2	7.7	-11	35	64	4.44			7.7	-11		397380.48	6906020.81	1186.00
8042728	26/08/2016	234542	37	N	62.5		25.2	9.1	-9.5	27	63	4.17			9.1	-9.5		397386.60	6906028.57	1189.00
8042728	26/08/2016	234450	37	N	75		25.2	2.2	-11.4	39	58	4.31			2.2	-11.4		397396.24	6906039.12	1192.00
8042728	26/08/2016	234418	37	N	87.5		25.2	-2.1	-12.8	34	62	4.29			-2.1	-12.8		397405.55	6906049.34	1194.00
8042728	26/08/2016	234346	37	N	100		25.2	-2.4	-9.7	32	65	4.4			-2.4	-9.7		397413.09	6906059.96	1194.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042728	26/08/2016	234310	37	N	112.5		25.2	-6.7	-13.3	36	61	4.31			-6.7	-13.3		397418.94	6906069.92	1196.00
8042728	26/08/2016	234242	37	N	125		25.2	-14.9	-12.2	19	66	4.17			-14.9	-12.2		397424.60	6906079.87	1197.00
8042728	26/08/2016	234158	37	N	137.5		25.2	-17.5	-14.8	29	66	4.43			-17.5	-14.8		397430.91	6906085.47	1199.00
8042728	26/08/2016	234122	37	N	150		25.2	-10.9	-10.6	42	66	4.77			-10.9	-10.6		397440.41	6906099.82	1202.00
8042728	26/08/2016	234042	37	N	162.5		25.2	-9.2	-8.3	36	71	4.83			-9.2	-8.3		397447.35	6906108.19	1203.00
8042728	26/08/2016	234002	37	N	175		25.2	-5	-5.7	40	64	4.63			-5	-5.7		397454.63	6906120.23	1206.00
8042728	26/08/2016	233930	37	N	187.5		25.2	-4.5	-4.3	41	70	4.96			-4.5	-4.3		397461.04	6906129.07	1209.00
8042728	26/08/2016	233902	37	N	200		25.2	-6	-4.1	41	63	4.56			-6	-4.1		397467.70	6906138.14	1212.00
8042728	26/08/2016	233830	37	N	212.5		25.2	-9.1	-4.1	32	68	4.58			-9.1	-4.1		397475.04	6906147.29	1216.00
8042728	26/08/2016	233754	37	N	225		25.2	-10.7	-3.8	42	67	4.79			-10.7	-3.8		397482.01	6906159.06	1219.00
8042728	26/08/2016	233722	37	N	237.5		25.2	-13.7	-2.4	28	68	4.45			-13.7	-2.4		397489.45	6906167.29	1221.00
8042728	26/08/2016	233650	37	N	250		25.2	-13.2	-3.6	40	66	4.69			-13.2	-3.6		397495.38	6906176.66	1223.00
8042728	26/08/2016	233614	37	N	262.5		25.2	-17.7	-3.8	49	61	4.76			-17.7	-3.8		397501.73	6906189.51	1224.00
8042728	26/08/2016	233546	37	N	275		25.2	-20.7	-4	47	66	4.96			-20.7	-4		397510.85	6906196.42	1226.00
8042728	26/08/2016	233502	37	N	287.5		25.2	-24.5	-3.5	38	69	4.8			-24.5	-3.5		397517.82	6906204.63	1229.00
8042728	26/08/2016	233434	37	N	300		25.2	-26.7	-1.8	38	67	4.68			-26.7	-1.8		397524.92	6906215.65	1230.00
8042728	26/08/2016	233358	37	N	312.5		25.2	-21.1	2.5	40	74	5.11			-21.1	2.5		397532.94	6906227.39	1230.00
8042728	26/08/2016	233302	37	N	325		25.2	-17.6	3.2	37	76	5.16			-17.6	3.2		397539.13	6906235.65	1231.00
8042728	26/08/2016	233322	37	N	325		25.2	-17.6	2.4	40	74	5.13	1					397538.88	6906235.67	1231.00
8042728	26/08/2016	233226	37	N	337.5		25.2	-15.1	4.1	42	77	5.36			-15.1	4.1		397546.60	6906245.58	1231.00
8042728	26/08/2016	233134	37	N	350		25.2	-13	5.6	46	77	5.48			-13	5.6		397553.95	6906255.82	1231.00
8042728	26/08/2016	233058	37	N	362.5		25.2	-10.9	4.5	35	82	5.41			-10.9	4.5		397561.92	6906266.32	1231.00
8042728	26/08/2016	233018	37	N	375		25.2	-11.3	2	32	87	5.67			-11.3	2		397571.45	6906278.78	1231.00
8042728	26/08/2016	232938	37	N	387.5		25.2	-1.7	3.8	38	91	6.02			-1.7	3.8		397576.80	6906287.73	1231.00
8042728	26/08/2016	232846	37	N	400		25.2	3.7	2.8	23	82	5.2			3.7	2.8		397582.99	6906299.45	1232.00
8042728	26/08/2016	232810	37	N	412.5		25.2	2.4	-1.2	33	82	5.38			2.4	-1.2		397589.25	6906309.17	1232.00
8042728	26/08/2016	232734	37	N	425		25.2	3.5	-4	35	86	5.64			3.5	-4		397596.68	6906320.70	1231.00
8042728	26/08/2016	232658	37	N	437.5		25.2	9.3	-8.8	20	89	5.55			9.3	-8.8		397603.74	6906331.51	1231.00
8042728	26/08/2016	232618	37	N	450		25.2	16.5	-8	22	92	5.77			16.5	-8		397609.26	6906340.77	1230.00
8042728	26/08/2016	232550	37	N	462.5		25.2	25	-3.2	25	94	5.92			25	-3.2		397615.49	6906347.67	1230.00
8042728	26/08/2016	232450	37	N	475		25.2	32.1	-3.3	29	90	5.74			32.1	-3.3		397621.80	6906358.97	1230.00
8042728	26/08/2016	232406	37	N	487.5		25.2	36.8	-6.2	26	83	5.26			36.8	-6.2		397630.54	6906372.04	1229.00
8042728	26/08/2016	232330	37	N	500		25.2	36.4	-6	32	75	4.97			36.4	-6		397638.12	6906382.98	1229.00
8042728	26/08/2016	232254	37	N	512.5		25.2	32.1	-9.1	31	75	4.94			32.1	-9.1		397644.56	6906392.80	1228.00
8042728	26/08/2016	232110	37	N	525		25.2	30.5	-14.7	21	71	4.55			30.5	-14.7		397651.87	6906404.76	1227.00
8042728	26/08/2016	232034	37	N	537.5		25.2	28.4	-15.3	26	72	4.64			28.4	-15.3		397658.98	6906414.87	1227.00
8042728	26/08/2016	231950	37	N	550		25.2	25.6	-19.5	16	51	3.25			25.6	-19.5		397665.39	6906423.75	1226.00
8042728	26/08/2016	231914	37	N	562.5		25.2	22.9	-12.7	39	68	4.8			22.9	-12.7		397671.26	6906434.30	1226.00
8042728	26/08/2016	231834	37	N	575		25.2	20.7	-22.4	13	63	3.95			20.7	-22.4		397676.84	6906444.16	1224.00
8042728	26/08/2016	231758	37	N	587.5		25.2	17.2	-15.4	24	71	4.55			17.2	-15.4		397681.16	6906453.98	1224.00
8042728	26/08/2016	231718	37	N	600		25.2	11.8	-14.8	21	75	4.75			11.8	-14.8		397687.81	6906465.49	1223.00
8042728	26/08/2016	231626	37	N	612.5		25.2	11.5	-11.1	32	80	5.26			11.5	-11.1		397693.05	6906476.98	1221.00
8042728	26/08/2016	231542	37	N	625		25.2	30.1	-2.3	37	82	5.5			30.1	-2.3		397702.13	6906486.47	1219.00
8042728	26/08/2016	231454	37	N	637.5		25.2	35	-0.1	39	77	5.26			35	-0.1		397710.08	6906496.34	1218.00
8042728	26/08/2016	231354	37	N	650		25.2	39.1	-1.7	27	66	4.37			39.1	-1.7		397720.09	6906508.05	1218.00
8042728	26/08/2016	231318	37	N	662.5		25.2	33.9	-2.2	40	65	4.64			33.9	-2.2		397723.94	6906515.77	1217.00
8042728	26/08/2016	231234	37	N	675		25.2	29.6	-3.9	38	66	4.65			29.6	-3.9		397734.41	6906526.41	1216.00
8042728	26/08/2016	231146	37	N	687.5		25.2	29.5	-8	29	65	4.35			29.5	-8		397742.94	6906537.51	1216.00
8042728	26/08/2016	231110	37	N	700		25.2	25.1	-8.1	36	65	4.54			25.1	-8.1		397749.06	6906545.45	1215.00
8042728	26/08/2016	231022	37	N	712.5		25.2	20.9	-8.2	40	62	4.52			20.9	-8.2		397757.44	6906555.84	1214.00
8042728	26/08/2016	230934	37	N	725		25.2	22.4	-7.1	37	62	4.42			22.4	-7.1		397764.03	6906563.89	1212.00
8042728	26/08/2016	230918	37	N	737.5		25.2	24.2	-8.4	35	64	4.43			24.2	-8.4		397764.09	6906563.85	1212.00
8042728	26/08/2016	230838	37	N	750		25.2	21	-7.2	44	67	4.89			21	-7.2		397772.34	6906573.87	1211.00
8042728	26/08/2016	230750	37	N	762.5		25.2	20.4	-6.7	42	58	4.38			20.4	-6.7		397780.94	6906585.07	1210.00
8042728	26/08/2016	230702	37	N	775		25.2	16.4	-8.9	39	65	4.64			16.4	-8.9		397787.95	6906595.31	1209.00
8042728	26/08/2016	230614	37	N	787.5		25.2	13.8	-7	42	64	4.66			13.8	-7		397795.13	6906604.26	1208.00
8042728	26/08/2016	230530	37	N	800		25.2	16.3	-9.5	27	67	4.38			16.3	-9.5		397802.76	6906615.70	1206.00
8042728	26/08/2016	230458	37	N	812.5		25.2	20.2	-9.4	29	66	4.37			20.2	-9.4		397806.94	6906624.41	1206.00
8042728	26/08/2016	230346	37	N	825		25.2	15.6	-9.1	26	69	4.49			15.6	-9.1		397814.47	6906638.28	1204.00
8042728	26/08/2016	230246	37	N	837.5		25.2	19.1	-11.2	21	68	4.33			19.1	-11.2		397820.42	6906648.61	1203.00
8042728	26/08/2016	230130	37	N	850		25.2	19.9	-9.2	26	67	4.38			19.9	-9.2		397825.89	6906657.28	1201.00
8042728	26/08/2016	230038	37	N	862.5		25.2	17.3	-4.8	34	63	4.38			17.3	-4.8		397833.12	6906666.54	1200.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
8042728	26/08/2016	225958	37	N	875		25.2	16.7	-7	26	68	4.41			16.7	-7		397840.19	6906675.91	1199.00
8042728	26/08/2016	225858	37	N	887.5		25.2	11.7	-7.8	22	65	4.18			11.7	-7.8		397848.46	6906687.45	1197.00
8042728	26/08/2016	225810	37	N	900		25.2	19.6	-3.4	30	67	4.49			19.6	-3.4		397855.24	6906697.70	1196.00
8042728	26/08/2016	225726	37	N	912.5		25.2	20.1	-2.2	38	59	4.27			20.1	-2.2		397861.18	6906706.28	1194.00
8042728	26/08/2016	225630	37	N	925		25.2	16.2	-3.5	29	64	4.3			16.2	-3.5		397868.95	6906718.74	1191.00
8042728	26/08/2016	225550	37	N	937.5		25.2	13.6	-4.9	36	60	4.29			13.6	-4.9		397873.80	6906729.42	1189.00
8042728	26/08/2016	225510	37	N	950		25.2	14	-11.5	31	66	4.45			14	-11.5		397882.37	6906739.40	1187.00
8042728	26/08/2016	225430	37	N	962.5		25.2	14.2	-8.1	31	68	4.59			14.2	-8.1		397889.62	6906749.18	1185.00
8042728	26/08/2016	225354	37	N	975		25.2	23.2	-6.8	37	67	4.65			23.2	-6.8		397896.43	6906760.54	1183.00
8042728	26/08/2016	225254	37	N	987.5		25.2	43.4	2.9	11	73	4.48			43.4	2.9		397901.36	6906771.78	1180.00
8042728	26/08/2016	225210	37	N	1000		25.2	61	24.8	26	61	4.03			61	24.8		397905.98	6906782.30	1177.00
8042728	26/08/2016	224954	37	N	1012.5		25.2	53.3	12.8	28	52	3.62			53.3	12.8		397914.97	6906792.84	1175.00
8042728	26/08/2016	224910	37	N	1025		25.2	44.9	7.5	32	51	3.68			44.9	7.5		397921.64	6906801.62	1173.00
8042728	26/08/2016	224826	37	N	1037.5		25.2	37.7	6.5	27	54	3.69			37.7	6.5		397929.12	6906811.38	1170.00
8042728	26/08/2016	224738	37	N	1050		25.2	33.4	4	28	53	3.69			33.4	4		397935.91	6906821.09	1167.00
8042728	26/08/2016	224634	37	N	1062.5		25.2	27.4	5.2	28	55	3.78			27.4	5.2		397943.20	6906831.81	1164.00
8042728	26/08/2016	224538	37	N	1075		25.2	18.9	6.6	38	52	3.91			18.9	6.6		397951.35	6906840.75	1160.00
8042728	26/08/2016	224458	37	N	1087.5		25.2	18.5	2.6	37	50	3.83			18.5	2.6		397957.74	6906849.44	1157.00
8042728	26/08/2016	224418	37	N	1100		25.2	12.3	4.8	36	54	3.96			12.3	4.8		397965.91	6906860.18	1154.00
8042728	26/08/2016	224338	37	N	1112.5		25.2	9.8	4.5	34	59	4.18			9.8	4.5		397972.24	6906868.35	1151.00
8042728	26/08/2016	224254	37	N	1125		25.2	11.7	2.2	36	62	4.35			11.7	2.2		397979.91	6906878.22	1147.00
8042728	26/08/2016	224158	37	N	1137.5		25.2	11	3	44	63	4.68			11	3		397988.06	6906888.29	1144.00
8042728	26/08/2016	224118	37	N	1150		25.2	11.9	0.8	47	57	4.48			11.9	0.8		397994.81	6906897.65	1141.00
8042728	26/08/2016	224030	37	N	1162.5		25.2	11.2	3.2	46	62	4.71			11.2	3.2		398003.34	6906906.97	1139.00
8042728	26/08/2016	223950	37	N	1175		25.2	15.9	-3.6	69	122	4.26			15.9	-3.6		398008.42	6906918.09	1135.00
8042728	26/08/2016	223754	37	N	1187.5		25.2	36.7	-55.9	23	50	1.68			36.7	-55.9		398012.92	6906928.90	1131.00
8042728	26/08/2016	223714	37	N	1200		25.2	44.9	-52.8	10	28	1.84			44.9	-52.8		398015.81	6906938.80	1128.00
8042728	26/08/2016	221546	37	N	1212.5		25.2	35.3	1.9	48	73	5.32			35.3	1.9	best data fit	398021.85	6906950.44	1129.00
8042728	26/08/2016	221634	37	N	1212.5		25.2	36	-0.1	44	66	4.81	2					398021.43	6906949.61	1127.00
8042728	26/08/2016	221822	37	N	1212.5		25.2	36.2	0.4	36	70	4.83	2					398021.08	6906949.15	1123.00
8042728	26/08/2016	221958	37	N	1212.5		25.2	36.1	0.5	36	67	4.64	2					398021.62	6906949.50	1126.00
8042728	26/08/2016	222046	37	N	1212.5		25.2	36.1	-0.7	50	68	5.13	1					398022.04	6906949.35	1125.00
8042728	26/08/2016	222234	37	N	1212.5		25.2	34.7	1.9	43	67	4.86	2					398021.53	6906949.05	1123.00
8042728	26/08/2016	222418	37	N	1212.5		25.2	36.4	-0.2	41	70	4.94	2					398021.10	6906949.11	1126.00
8042728	26/08/2016	222554	37	N	1212.5		25.2	37.5	-1.8	34	72	4.87	2					398021.01	6906948.42	1124.00
8042728	26/08/2016	223558	37	N	1212.5		25.2	33.2	-6.4	23	70	4.49	2					398021.05	6906949.08	1125.00
8042728	26/08/2016	221438	37	N	1225		25.2	47.4	1.9	96	122	4.73			47.4	1.9		398030.06	6906961.87	1127.00
8042728	26/08/2016	221338	37	N	1237.5		25.2	50.1	-0.9	70	115	4.09			50.1	-0.9		398038.77	6906974.39	1127.00
8042728	26/08/2016	221250	37	N	1250		25.2	43.3	1.8	104	107	4.53			43.3	1.8		398044.25	6906980.89	1126.00
8042728	26/08/2016	221154	37	N	1262.5		25.2	43.7	-0.3	75	113	4.12			43.7	-0.3		398049.94	6906987.58	1121.00
8042728	26/08/2016	221042	37	N	1275		25.2	38.4	-1.4	99	87	4.01			38.4	-1.4		398058.69	6906998.68	1117.00
8042728	26/08/2016	220954	37	N	1287.5		25.2	35.6	-2.5	80	99	3.88			35.6	-2.5		398065.16	6907005.60	1101.00
8042728	26/08/2016	220846	37	N	1300		25.2	30.9	-2	86	103	4.07			30.9	-2		398076.65	6907011.96	1106.00
8042728	26/08/2016	220754	37	N	1312.5		25.2	28.4	-1.9	95	95	4.08			28.4	-1.9		398082.89	6907020.95	1104.00
8042728	26/08/2016	220710	37	N	1325		25.2	36.5	-19.5	21	64	2.05			36.5	-19.5		398090.53	6907031.75	1101.00
8042728	26/08/2016	220630	37	N	1337.5		25.2	27.5	-4.8	46	110	3.64			27.5	-4.8		398096.08	6907040.59	1099.00
8042728	26/08/2016	220538	37	N	1350		25.2	23.4	-2.8	74	107	3.96			23.4	-2.8		398100.91	6907050.98	1097.00
8042728	26/08/2016	220438	37	N	1362.5		25.2	24.6	-7.8	56	106	3.65			24.6	-7.8		398104.81	6907061.77	1094.00
8042728	26/08/2016	220358	37	N	1375		25.2	21.2	-4.7	59	110	3.8			21.2	-4.7		398112.11	6907070.64	1092.00
8042728	26/08/2016	220318	37	N	1387.5		25.2	21.9	-11.7	36	103	3.32			21.9	-11.7		398119.74	6907080.13	1090.00
8042728	26/08/2016	220218	37	N	1400		25.2	16.7	-4.9	61	107	3.74			16.7	-4.9		398127.68	6907091.41	1088.00
8042728	26/08/2016	220142	37	N	1412.5		25.2	14.6	-2.8	60	111	3.83			14.6	-2.8		398135.45	6907101.64	1087.00
8042728	26/08/2016	220102	37	N	1425		25.2	14.7	1.7	13	48	3.06			14.7	1.7		398142.27	6907111.52	1083.00
8042728	26/08/2016	220010	37	N	1437.5		25.2	13.5	-0.4	28	54	3.69			13.5	-0.4		398147.94	6907122.52	1083.00
8042728	26/08/2016	215914	37	N	1450		25.2	8	-3.6	26	54	3.67			8	-3.6		398155.25	6907134.49	1084.00
8042728	26/08/2016	215834	37	N	1462.5		25.2	2.8	-5	26	53	3.6			2.8	-5		398161.25	6907142.78	1080.00
8042728	26/08/2016	215746	37	N	1475		25.2	-4.6	-5.2	27	53	3.65			-4.6	-5.2		398168.42	6907152.85	1079.00
8042728	26/08/2016	215654	37	N	1487.5		25.2	-7.2	-4.6	29	54	3.77			-7.2	-4.6		398176.10	6907163.10	1076.00
8042728	26/08/2016	215610	37	N	1500		25.2	-8.5	-3.8	30	53	3.7			-8.5	-3.8		398183.39	6907173.84	1078.00
8042728	26/08/2016	215514	37	N	1512.5		25.2	-7.5	-3.7	34	54	3.92			-7.5	-3.7		398187.79	6907179.97	1079.00
8042728	26/08/2016	215434	37	N	1525		25.2	-12.2	-1	20	50	3.29			-12.2	-1		398195.06	6907191.66	1079.00
8042728	26/08/2016	215358	37	N	1537.5		25.2	-20.1	-3.1	29	55	3.84			-20.1	-3.1		398203.50	6907201.37	1081.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	215318	37	N	1550		25.2	-24.7	-3.3	36	59	4.23	1					398209.85	6907211.17	1082.00
8042728	26/08/2016	215334	37	N	1550		25.2	-23.2	-5.7	39	58	4.26			-23.2	-5.7		398210.00	6907210.44	1082.00
8042728	26/08/2016	215222	37	N	1562.5		25.2	-22.4	-5.8	40	65	4.63			-22.4	-5.8		398217.23	6907224.34	1081.00
8042728	26/08/2016	215134	37	N	1575		25.2	-9.9	-4.7	37	72	4.94			-9.9	-4.7		398224.30	6907233.34	1081.00
8042728	26/08/2016	215058	37	N	1587.5		25.2	10.7	-2.1	45	70	5.08			10.7	-2.1		398234.79	6907242.41	1084.00
8042728	26/08/2016	215022	37	N	1600		25.2	15	-6.2	40	63	4.56			15	-6.2		398241.96	6907250.05	1083.00
8042728	26/08/2016	214841	37	N	1612.5		25.2	7.1	-5.1	51	54	4.53	1					398248.21	6907261.30	1087.00
8042728	26/08/2016	214857	37	N	1612.5		25.2	7.9	-6.5	47	58	4.57	1					398248.55	6907261.18	1087.00
8042728	26/08/2016	214922	37	N	1612.5		25.2	6.8	-3.6	49	56	4.56	2					398248.80	6907260.88	1084.00
8042728	26/08/2016	214938	37	N	1612.5		25.2	6.8	-4.5	53	56	4.71			6.8	-4.5		398248.86	6907260.33	1083.00
8042728	26/08/2016	214514	37	N	1625		25.2	0.7	-7.9	38	61	4.4	1					398253.76	6907270.06	1084.00
8042728	26/08/2016	214546	37	N	1625		25.2	0.1	-4.6	41	60	4.44			0.1	-4.6		398257.12	6907268.69	1080.00
8042728	26/08/2016	214422	37	N	1637.5		25.2	-9.2	-7.3	41	59	4.37			-9.2	-7.3		398260.78	6907283.11	1084.00
8042728	26/08/2016	214342	37	N	1650		25.2	-13.1	-7.8	36	61	4.34			-13.1	-7.8		398265.64	6907293.14	1085.00
8042728	26/08/2016	214246	37	N	1662.5		25.2	-14.3	-8.3	55	63	5.1			-14.3	-8.3		398275.28	6907302.83	1086.00
8042728	26/08/2016	214302	37	N	1662.5		25.2	-14.5	-9.4	47	64	4.83	1					398274.57	6907303.04	1084.00
8042728	26/08/2016	214206	37	N	1675		25.2	-12	-4.3	29	70	4.6			-12	-4.3		398283.04	6907311.37	1088.00
8042728	26/08/2016	214122	37	N	1687.5		25.2	3.3	-6	34	76	5.09			3.3	-6		398287.78	6907323.41	1084.00
8042728	26/08/2016	214026	37	N	1700		25.2	9.3	-5.8	38	72	4.97			9.3	-5.8		398294.20	6907329.22	1082.00
8042728	26/08/2016	213938	37	N	1712.5		25.2	7.1	-8.4	39	68	4.78			7.1	-8.4		398301.39	6907340.93	1080.00
8042728	26/08/2016	213850	37	N	1725		25.2	7.5	-11.4	43	70	5.01			7.5	-11.4		398308.22	6907351.94	1082.00
8042728	26/08/2016	213802	37	N	1737.5		25.2	14.2	-8.3	50	62	4.86			14.2	-8.3		398316.36	6907362.31	1079.00
8042728	26/08/2016	213718	37	N	1750		25.2	6.7	-7.2	33	63	4.35			6.7	-7.2		398322.49	6907372.30	1082.00
8042728	26/08/2016	213630	37	N	1762.5		25.2	10.5	-9.3	44	63	4.68			10.5	-9.3		398330.43	6907383.03	1083.00
8042728	26/08/2016	213546	37	N	1775		25.2	6.6	-11	39	64	4.59			6.6	-11		398334.78	6907388.52	1082.00
8042728	26/08/2016	213454	37	N	1787.5		25.2	1.4	-10.9	32	65	4.41			1.4	-10.9		398341.58	6907401.85	1079.00
8042728	26/08/2016	213338	37	N	1800		25.2	-2.9	-15	27	39	2.89	1					398348.41	6907410.99	1077.00
8042728	26/08/2016	213402	37	N	1800		25.2	1	-12.7	64	127	4.34			1	-12.7		398349.40	6907411.53	1077.00
8042728	26/08/2016	213246	37	N	1812.5		25.2	6.7	-10.6	43	68	4.91			6.7	-10.6		398356.91	6907423.24	1076.00
8042728	26/08/2016	213150	37	N	1825		25.2	13	-9.1	41	73	5.07			13	-9.1		398363.71	6907433.54	1076.00
8042728	26/08/2016	213206	37	N	1825		25.2	13.5	-9	45	68	4.97	1					398363.54	6907433.46	1076.00
8042728	26/08/2016	213034	37	N	1837.5		25.2	12.2	-4.2	29	68	4.52			12.2	-4.2		398371.54	6907444.64	1073.00
8042728	26/08/2016	212930	37	N	1850		25.2	12.4	-2.5	34	68	4.62			12.4	-2.5		398377.62	6907453.53	1072.00
8042728	26/08/2016	212842	37	N	1862.5		25.2	11.8	-4.6	31	65	4.41			11.8	-4.6		398384.90	6907460.81	1073.00
8042728	26/08/2016	212754	37	N	1875		25.2	11.2	-7.4	54	59	4.87			11.2	-7.4		398395.26	6907469.31	1073.00
8042728	26/08/2016	212710	37	N	1887.5		25.2	9.9	-7.8	46	62	4.72			9.9	-7.8		398401.56	6907479.55	1069.00
8042728	26/08/2016	212550	37	N	1900		25.2	7.2	-6.5	22	61	3.94	2					398411.03	6907491.82	1068.00
8042728	26/08/2016	212610	37	N	1900		25.2	8.9	-8.7	45	60	4.57			8.9	-8.7		398410.99	6907491.51	1067.00
8042728	26/08/2016	212626	37	N	1900		25.2	9.2	-8.5	43	59	4.46	1					398410.93	6907491.11	1067.00
8042728	26/08/2016	212514	37	N	1912.5		25.2	8.4	-9.1	31	63	4.31			8.4	-9.1		398412.57	6907501.94	1067.00
8042728	26/08/2016	212334	37	N	1925		25.2	8.7	-6.3	29	63	4.24			8.7	-6.3		398418.32	6907512.35	1068.00
8042728	26/08/2016	212242	37	N	1937.5		25.2	8.9	-6.3	29	62	4.18			8.9	-6.3		398422.21	6907522.43	1067.00
8042728	26/08/2016	212130	37	N	1950		25.2	6.6	-5.8	44	61	4.58			6.6	-5.8		398430.64	6907533.93	1066.00
8042728	26/08/2016	212042	37	N	1962.5		25.2	7.3	-8.7	30	60	4.1			7.3	-8.7		398438.55	6907544.69	1064.00
8042728	26/08/2016	212002	37	N	1975		25.2	6.9	-9.6	35	67	4.6			6.9	-9.6		398442.55	6907553.68	1063.00
8042728	26/08/2016	211910	37	N	1987.5		25.2	6.5	-8.3	39	69	4.83			6.5	-8.3		398452.82	6907564.38	1061.00
8042728	26/08/2016	211822	37	N	2000		25.2	8.4	-6.8	54	64	5.1			8.4	-6.8		398459.11	6907573.22	1059.00
8042728	26/08/2016	211734	37	N	2012.5		25.2	15.2	-8.3	51	68	5.17			15.2	-8.3		398466.93	6907583.89	1058.00
8042728	26/08/2016	211646	37	N	2025		25.2	15.7	-6.7	49	68	5.1			15.7	-6.7		398476.12	6907593.91	1057.00
8042728	26/08/2016	211550	37	N	2037.5		25.2	16.6	-4.8	49	69	5.15			16.6	-4.8		398483.44	6907603.43	1055.00
8042728	26/08/2016	211458	37	N	2050		25.2	20.5	-6.4	46	67	4.93			20.5	-6.4		398490.44	6907615.23	1054.00
8042728	26/08/2016	211410	37	N	2062.5		25.2	21.1	-3.4	54	64	5.13			21.1	-3.4		398495.97	6907625.00	1051.00
8042728	26/08/2016	211310	37	N	2075		25.2	25.8	-2.8	39	67	4.7			25.8	-2.8		398502.37	6907632.30	1050.00
8042728	26/08/2016	211218	37	N	2087.5		25.2	26.5	-4	36	67	4.62			26.5	-4		398508.33	6907644.58	1049.00
8042728	26/08/2016	211126	37	N	2100		25.2	24.8	-5.2	13	56	3.53			24.8	-5.2		398515.22	6907652.64	1047.00
8042728	26/08/2016	211038	37	N	2112.5		25.2	26.6	-1.3	53	57	4.72			26.6	-1.3		398523.65	6907663.95	1045.00
8042728	26/08/2016	210946	37	N	2125		25.2	27.5	-2.1	35	59	4.22			27.5	-2.1		398528.50	6907674.99	1042.00
8042728	26/08/2016	210854	37	N	2137.5		25.2	25.7	-3.6	37	59	4.25			25.7	-3.6		398536.69	6907685.43	1040.00
8042728	26/08/2016	210746	37	N	2150		25.2	23.6	-4.3	30	61	4.16			23.6	-4.3		398543.55	6907694.45	1039.00
8042728	26/08/2016	210650	37	N	2162.5		25.2	23.5	-6.5	16	57	3.62			23.5	-6.5		398549.44	6907705.05	1033.00
8042728	26/08/2016	210606	37	N	2175		25.2	18.8	-0.3	49	53	4.41			18.8	-0.3		398553.35	6907716.35	1032.00
8042728	26/08/2016	210454	37	N	2187.5		25.2	17.5	-1	38	53	3.96	1					398560.56	6907725.05	1031.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	26/08/2016	210510	37	N	2187.5		25.2	18.4	-1.4	43	54	4.18			18.4	-1.4		398560.87	6907725.51	1031.00
8042728	26/08/2016	210350	37	N	2200		25.2	11.1	-2.9	36	52	3.83			11.1	-2.9		398569.50	6907734.30	1027.00
8042728	26/08/2016	210314	37	N	2212.5		25.2	8.1	-4.3	32	61	4.18			8.1	-4.3		398574.08	6907740.01	1026.00
8042728	26/08/2016	210226	37	N	2225		25.2	5.6	-4.3	33	61	4.24			5.6	-4.3		398582.66	6907752.39	1024.00
8042728	26/08/2016	210142	37	N	2237.5		25.2	12.4	-0.7	35	62	4.35			12.4	-0.7		398592.90	6907763.91	1021.00
8042728	26/08/2016	210050	37	N	2250		25.2	14.3	1.3	12	63	3.89			14.3	1.3		398600.48	6907773.67	1020.00
8042728	26/08/2016	210006	37	N	2262.5		25.2	15.9	0.2	22	62	3.98			15.9	0.2		398607.01	6907784.04	1018.00
8042728	26/08/2016	205910	37	N	2275		25.2	15.8	0.2	34	62	4.31			15.8	0.2		398615.75	6907794.36	1017.00
8042728	26/08/2016	205806	37	N	2287.5		25.2	15.4	-1.4	34	60	4.17			15.4	-1.4		398623.97	6907806.60	1018.00
8042728	26/08/2016	205714	37	N	2300		25.2	13.5	-2	20	60	3.83			13.5	-2		398629.10	6907812.60	1014.00
8042728	26/08/2016	205638	37	N	2312.5		25.2	12.4	-3.4	27	58	3.9			12.4	-3.4		398636.18	6907820.54	1013.00
8042728	26/08/2016	205454	37	N	2325		25.2	11.1	-1.6	42	56	4.26			11.1	-1.6		398643.26	6907832.99	1010.00
8042728	26/08/2016	205330	37	N	2337.5		25.2	11.9	-1.6	90	110	4.31	1					398651.38	6907841.70	1010.00
8042728	26/08/2016	205350	37	N	2337.5		25.2	12.8	-1.9	81	124	4.49			12.8	-1.9		398650.68	6907841.79	1009.00
8042728	26/08/2016	205246	37	N	2350.00		25.2	13.4	-1.3	73	117	4.18			13.4	-1.3		398656.81	6907849.68	1009.00
8042728	26/08/2016	205134	37	N	2362.50		25.2	14.4	-1.7	79	119	4.34			14.4	-1.7		398664.72	6907858.24	1007.00
8042728	26/08/2016	205042	37	N	2375.00		25.2	17.2	-1.5	64	119	4.1			17.2	-1.5		398672.14	6907869.48	1006.00
8042728	26/08/2016	204942	37	N	2387.50		25.2	18	-1.4	60	107	3.71			18	-1.4		398682.39	6907884.02	1003.00
8042728	26/08/2016	204754	37	N	2400.00		25.2	19.2	-0.6	62	114	3.93	2					398688.91	6907893.79	1001.00
8042728	26/08/2016	204830	37	N	2400.00		25.2	19.9	-1.3	60	117	4.01			19.9	-1.3		398688.81	6907894.24	1000.00
8042728	26/08/2016	204846	37	N	2400.00		25.2	20.7	-1.1	53	121	4.01	1					398688.59	6907893.90	1000.00
1124844	26/08/2016	234614	39	N	0		25.2	6.4	2	96	99	4.2			6.4	2		397521.82	6905872.92	1194.00
1124844	26/08/2016	234630	39	N	0		25.2	6.6	1.5	95	99	4.17	1					397522.05	6905872.84	1195.00
1124844	26/08/2016	234530	39	N	12.5		25.2	1.6	2.8	94	99	4.14			1.6	2.8		397531.18	6905883.68	1195.00
1124844	26/08/2016	234458	39	N	25		25.2	3.1	-0.3	70	98	3.65			3.1	-0.3		397538.11	6905893.65	1199.00
1124844	26/08/2016	234410	39	N	37.5		25.2	-6.1	0.2	82	97	3.87			-6.1	0.2		397545.70	6905904.48	1201.00
1124844	26/08/2016	234334	39	N	50		25.2	-9.4	-1.3	41	98	3.23			-9.4	-1.3		397550.90	6905913.59	1203.00
1124844	26/08/2016	234254	39	N	62.5		25.2	-11	-2.7	75	98	3.75			-11	-2.7		397555.55	6905924.90	1204.00
1124844	26/08/2016	234222	39	N	75		25.2	-13.8	-2.8	84	98	3.93			-13.8	-2.8		397562.94	6905932.35	1206.00
1124844	26/08/2016	234150	39	N	87.5		25.2	-14.1	-2.8	52	98	3.37			-14.1	-2.8		397573.03	6905940.72	1210.00
1124844	26/08/2016	234118	39	N	100		25.2	-13.6	-0.3	71	98	3.69			-13.6	-0.3		397578.72	6905949.95	1211.00
1124844	26/08/2016	234050	39	N	112.5		25.2	-18.2	0.5	63	98	3.54			-18.2	0.5		397585.66	6905958.32	1213.00
1124844	26/08/2016	234014	39	N	125		25.2	-21.3	0.9	74	98	3.73			-21.3	0.9		397592.18	6905967.93	1215.00
1124844	26/08/2016	233930	39	N	137.5		25.2	-21.9	4.7	46	98	3.3			-21.9	4.7		397599.48	6905980.25	1218.00
1124844	26/08/2016	233854	39	N	150		25.2	-15.1	6.1	69	98	3.65			-15.1	6.1		397605.76	6905989.93	1220.00
1124844	26/08/2016	233814	39	N	162.5		25.2	-20.8	5.5	60	98	3.5			-20.8	5.5		397616.26	6906001.16	1222.00
1124844	26/08/2016	233738	39	N	175		25.2	-22	3	44	98	3.27			-22	3		397621.13	6906013.13	1224.00
1124844	26/08/2016	233706	39	N	187.5		25.2	-14.2	9.4	82	98	3.88			-14.2	9.4		397628.56	6906022.84	1225.00
1124844	26/08/2016	233638	39	N	200		25.2	-13.9	11.8	55	98	3.43			-13.9	11.8		397635.19	6906031.45	1226.00
1124844	26/08/2016	233602	39	N	212.5		25.2	-22.1	13.6	59	98	3.48			-22.1	13.6		397641.10	6906041.74	1227.00
1124844	26/08/2016	233514	39	N	225		25.2	-20.2	10.9	74	98	3.74			-20.2	10.9		397649.12	6906052.72	1229.00
1124844	26/08/2016	233434	39	N	237.5		25.2	-26.3	11.8	54	98	3.4			-26.3	11.8		397658.39	6906064.61	1232.00
1124844	26/08/2016	233402	39	N	250		25.2	-30.2	8.7	62	98	3.53			-30.2	8.7		397666.89	6906073.32	1233.00
1124844	26/08/2016	233330	39	N	262.5		25.2	-43.8	6	47	98	3.31			-43.8	6		397675.31	6906083.30	1235.00
1124844	26/08/2016	233258	39	N	275		25.2	-50.9	7.3	36	98	3.18			-50.9	7.3		397682.38	6906094.13	1236.00
1124844	26/08/2016	233222	39	N	287.5		25.2	-65.2	1.8	4	98	2.99			-65.2	1.8		397689.43	6906104.90	1237.00
1124844	26/08/2016	233154	39	N	300		25.2	-73.8	-2	3	98	2.98			-73.8	-2		397694.93	6906114.60	1240.00
1124844	26/08/2016	233110	39	N	312.5		25.2	-62.8	6.5	16	98	3.02			-62.8	6.5		397701.31	6906126.73	1241.00
1124844	26/08/2016	233042	39	N	325		25.2	-39.1	13.7	28	98	3.1			-39.1	13.7		397707.59	6906137.72	1243.00
1124844	26/08/2016	233010	39	N	337.5		25.2	-38.9	9	52	98	3.38			-38.9	9		397715.83	6906148.00	1244.00
1124844	26/08/2016	232942	39	N	350		25.2	-38.6	4	40	98	3.23			-38.6	4		397721.24	6906158.36	1245.00
1124844	26/08/2016	232906	39	N	362.5		25.2	-50.6	0	57	98	3.45			-50.6	0		397729.05	6906166.97	1246.00
1124844	26/08/2016	232834	39	N	375		25.2	-59.1	-9.7	50	98	3.35			-59.1	-9.7		397736.80	6906179.96	1246.00
1124844	26/08/2016	232802	39	N	387.5		25.2	-37.5	-8.9	41	98	3.23			-37.5	-8.9		397746.50	6906190.51	1248.00
1124844	26/08/2016	232738	39	N	400		25.2	1	-3.2	31	98	3.12			1	-3.2		397753.13	6906200.25	1248.00
1124844	26/08/2016	232650	39	N	412.5		25.2	35.2	3	39	98	3.21			35.2	3		397760.36	6906210.24	1249.00
1124844	26/08/2016	232710	39	N	412.5		25.2	34.7	3.1	33	98	3.15	1					397760.09	6906210.09	1249.00
1124844	26/08/2016	232554	39	N	425		25.2	27.7	1.4	17	98	3.03			27.7	1.4		397765.55	6906219.31	1250.00
1124844	26/08/2016	232518	39	N	437.5		25.2	21.1	-1.9	16	98	3.02			21.1	-1.9		397775.82	6906233.12	1250.00
1124844	26/08/2016	232446	39	N	450		25.2	21.8	-2.9	37	98	3.19			21.8	-2.9		397783.63	6906242.05	1250.00
1124844	26/08/2016	232418	39	N	462.5		25.2	8.5	-4.8	53	98	3.39			8.5	-4.8		397791.50	6906252.68	1250.00
1124844	26/08/2016	232346	39	N	475		25.2	2.9	-5.1	47	98	3.32			2.9	-5.1		397799.10	6906262.56	1250.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	26/08/2016	232314	39	N	487.5		25.2	-1.3	-9.6	43	98	3.26			-1.3	-9.6		397806.98	6906274.09	1250.00
1124844	26/08/2016	232246	39	N	500		25.2	-14.3	-13.3	42	98	3.25			-14.3	-13.3		397814.97	6906284.96	1250.00
1124844	26/08/2016	232058	39	N	512.5		25.2	-27	-17.9	30	98	3.11			-27	-17.9		397821.83	6906294.92	1250.00
1124844	26/08/2016	232010	39	N	525		25.2	-35.4	-18.2	49	98	3.32			-35.4	-18.2		397829.13	6906306.06	1250.00
1124844	26/08/2016	231934	39	N	537.5		25.2	-11.7	-1.7	52	98	3.37			-11.7	-1.7		397836.30	6906317.40	1249.00
1124844	26/08/2016	231854	39	N	550		25.2	13.1	3.2	39	98	3.2			13.1	3.2		397841.89	6906328.65	1248.00
1124844	26/08/2016	231818	39	N	562.5		25.2	10.2	3	53	98	3.39			10.2	3		397851.40	6906337.95	1247.00
1124844	26/08/2016	231742	39	N	575		25.2	8.3	-1.3	34	98	3.15			8.3	-1.3		397858.47	6906349.07	1247.00
1124844	26/08/2016	231710	39	N	587.5		25.2	21.2	-2.4	23	98	3.06			21.2	-2.4		397867.28	6906358.94	1246.00
1124844	26/08/2016	231642	39	N	600		25.2	11.1	-2.2	41	98	3.23			11.1	-2.2		397874.89	6906369.31	1245.00
1124844	26/08/2016	231554	39	N	612.5		25.2	11.8	-5.2	33	98	3.14			11.8	-5.2		397883.55	6906380.53	1244.00
1124844	26/08/2016	231522	39	N	625		25.2	20	-0.8	24	98	3.06			20	-0.8		397889.96	6906392.52	1243.00
1124844	26/08/2016	231442	39	N	637.5		25.2	24	5.2	31	98	3.12			24	5.2		397894.49	6906403.86	1242.00
1124844	26/08/2016	231358	39	N	650		25.2	14.5	3.8	66	98	3.59			14.5	3.8		397901.75	6906415.43	1240.00
1124844	26/08/2016	231318	39	N	662.5		25.2	8.3	2	69	98	3.64			8.3	2		397909.08	6906425.69	1239.00
1124844	26/08/2016	231246	39	N	675		25.2	8.5	-4.7	34	98	3.15			8.5	-4.7		397919.92	6906432.77	1237.00
1124844	26/08/2016	231210	39	N	687.5		25.2	2.8	-1.3	48	98	3.31			2.8	-1.3		397926.16	6906444.94	1235.00
1124844	26/08/2016	231134	39	N	700		25.2	5.1	3.3	39	98	3.21			5.1	3.3		397932.34	6906455.78	1234.00
1124844	26/08/2016	231046	39	N	712.5		25.2	3.9	3.2	43	98	3.24			3.9	3.2		397939.19	6906468.66	1232.00
1124844	26/08/2016	231014	39	N	725		25.2	-2.5	1.6	67	98	3.6			-2.5	1.6		397946.60	6906477.67	1230.00
1124844	26/08/2016	230930	39	N	737.5		25.2	-14.4	-3.9	28	98	3.1			-14.4	-3.9		397955.53	6906487.70	1229.00
1124844	26/08/2016	230854	39	N	750		25.2	-9.3	-4.9	42	98	3.23			-9.3	-4.9		397963.90	6906499.06	1226.00
1124844	26/08/2016	230758	39	N	762.5		25.2	0	-5.4	40	98	3.22			0	-5.4		397971.36	6906509.97	1224.00
1124844	26/08/2016	230722	39	N	775		25.2	48.3	1.1	41	98	3.22			48.3	1.1		397979.17	6906521.00	1223.00
1124844	26/08/2016	230642	39	N	787.5		25.2	66.7	8	49	98	3.32			66.7	8		397985.10	6906530.65	1221.00
1124844	26/08/2016	230554	39	N	800		25.2	90.3	12.2	38	98	3.19			90.3	12.2		397993.67	6906540.16	1218.00
1124844	26/08/2016	230514	39	N	812.5		25.2	78.7	18.8	53	98	3.38			78.7	18.8		398004.49	6906550.53	1216.00
1124844	26/08/2016	230426	39	N	825		25.2	77.5	18.2	20	98	3.03			77.5	18.2		398011.52	6906560.76	1213.00
1124844	26/08/2016	230350	39	N	837.5		25.2	65.4	17.8	34	98	3.14			65.4	17.8		398016.28	6906570.16	1211.00
1124844	26/08/2016	230242	39	N	850		25.2	61.1	15.2	42	98	3.24	1					398022.31	6906584.54	1207.00
1124844	26/08/2016	230302	39	N	850		25.2	55.4	12.6	50	97	3.31			55.4	12.6		398022.48	6906584.22	1207.00
1124844	26/08/2016	230154	39	N	862.5		25.2	51.9	13.9	51	97	3.32			51.9	13.9		398028.35	6906596.46	1205.00
1124844	26/08/2016	230106	39	N	875		25.2	48.2	14.8	34	97	3.14			48.2	14.8		398032.42	6906606.18	1202.00
1124844	26/08/2016	230002	39	N	887.5		25.2	37.4	14.1	58	97	3.42			37.4	14.1		398040.15	6906616.37	1200.00
1124844	26/08/2016	225918	39	N	900		25.2	29.5	12.4	57	97	3.43			29.5	12.4		398048.95	6906625.61	1197.00
1124844	26/08/2016	225842	39	N	912.5		25.2	24.3	11	65	98	3.57			24.3	11		398058.03	6906634.64	1194.00
1124844	26/08/2016	225730	39	N	925		25.2	19.2	10.2	74	96	3.69			19.2	10.2		398065.34	6906644.01	1191.00
1124844	26/08/2016	225650	39	N	937.5		25.2	14.9	11.7	74	94	3.63			14.9	11.7		398074.17	6906653.57	1189.00
1124844	26/08/2016	225610	39	N	950		25.2	16	10.9	64	94	3.46			16	10.9		398082.68	6906663.24	1186.00
1124844	26/08/2016	225542	39	N	962.5		25.2	12.8	13.7	70	97	3.64			12.8	13.7		398087.55	6906671.81	1183.00
1124844	26/08/2016	225506	39	N	975		25.2	13.4	17.1	60	97	3.47			13.4	17.1		398094.07	6906684.71	1179.00
1124844	26/08/2016	225426	39	N	987.5		25.2	11.7	20.2	49	98	3.33			11.7	20.2		398100.04	6906694.73	1177.00
1124844	26/08/2016	225330	39	N	1000		25.2	13	19.9	51	96	3.31			13	19.9		398109.45	6906703.52	1173.00
1124844	26/08/2016	225258	39	N	1012.5		25.2	7.4	22.5	69	96	3.6			7.4	22.5		398115.40	6906714.03	1171.00
1124844	26/08/2016	225210	39	N	1025		25.2	8.7	22.2	50	98	3.34			8.7	22.2		398121.82	6906724.06	1166.00
1124844	26/08/2016	225130	39	N	1037.5		25.2	2.3	20.4	79	97	3.82			2.3	20.4		398129.37	6906734.81	1163.00
1124844	26/08/2016	225046	39	N	1050		25.2	-2.8	18.8	67	98	3.61			-2.8	18.8		398136.08	6906745.19	1159.00
1124844	26/08/2016	224942	39	N	1062.5		25.2	-6.1	16.8	69	98	3.64			-6.1	16.8		398144.00	6906757.46	1154.00
1124844	26/08/2016	224858	39	N	1075		25.2	-4.7	13.5	49	98	3.33			-4.7	13.5		398153.01	6906769.01	1150.00
1124844	26/08/2016	224342	39	N	1087.5		25.2	7.9	17.6	57	98	3.44			7.9	17.6		398163.74	6906785.26	1145.00
1124844	26/08/2016	224238	39	N	1100		25.2	20.3	23.7	52	98	3.36			20.3	23.7		398170.95	6906795.01	1141.00
1124844	26/08/2016	224142	39	N	1112.5		25.2	24.3	20	45	98	3.27			24.3	20		398178.97	6906805.40	1137.00
1124844	26/08/2016	224038	39	N	1125		25.2	21	16.2	63	98	3.54			21	16.2		398185.00	6906815.15	1133.00
1124844	26/08/2016	223958	39	N	1137.5		25.2	28.4	13	63	98	3.55			28.4	13		398193.68	6906824.26	1131.00
1124844	26/08/2016	223918	39	N	1150		25.2	45	16.5	51	98	3.35			45	16.5		398199.94	6906833.60	1128.00
1124844	26/08/2016	223742	39	N	1162.5		25.2	52.4	18.3	45	98	3.27	1					398206.24	6906842.64	1125.00
1124844	26/08/2016	223802	39	N	1162.5		25.2	54.5	18.1	47	98	3.3			54.5	18.1		398206.29	6906842.66	1125.00
1124844	26/08/2016	221618	39	N	1175		25.2	38.4	19.6	93	98	4.1	1					398213.63	6906855.25	1128.00
1124844	26/08/2016	223254	39	N	1175	Missing GPS Points	25.2	44.1	19.3	78	97	3.77	2					398213.63	6906855.25	1128.00
1124844	26/08/2016	223330	39	N	1175	Missing GPS Points	25.2	40.9	19.8	89	98	4.01	1					398213.63	6906855.25	1128.00
1124844	26/08/2016	223350	39	N	1175		25.2	41.2	19.5	94	98	4.13			41.2	19.5		398212.62	6906851.81	1116.00
1124844	26/08/2016	223446	39	N	1175		25.2	46	21.7	74	97	3.71	2					398212.76	6906850.33	1116.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	221518	39	N	1187.5		25.2	36	20.2	95	93	4.03			36	20.2		398219.15	6906863.55	1121.00
1124844	26/08/2016	221438	39	N	1200		25.2	31.5	17.2	76	92	3.64			31.5	17.2		398226.14	6906870.74	1118.00
1124844	26/08/2016	221350	39	N	1212.5		25.2	25.4	14.5	96	81	3.81			25.4	14.5		398230.73	6906882.22	1117.00
1124844	26/08/2016	221254	39	N	1225		25.2	24.5	9.7	52	96	3.31			24.5	9.7		398235.62	6906891.69	1109.00
1124844	26/08/2016	221102	39	N	1237.5		25.2	15.5	7.4	62	94	3.42			15.5	7.4		398241.46	6906900.00	1111.00
1124844	26/08/2016	220950	39	N	1250		25.2	7.9	4.4	72	91	3.52			7.9	4.4		398245.94	6906909.52	1106.00
1124844	26/08/2016	220902	39	N	1262.5		25.2	2.3	-0.7	76	89	3.57			2.3	-0.7		398250.77	6906918.73	1104.00
1124844	26/08/2016	220822	39	N	1275		25.2	-0.3	-0.4	71	96	3.61			-0.3	-0.4		398261.77	6906926.02	1099.00
1124844	26/08/2016	220750	39	N	1287.5		25.2	1.7	5.4	75	97	3.74			1.7	5.4		398267.71	6906934.65	1097.00
1124844	26/08/2016	220642	39	N	1300		25.2	0.3	4.3	74	94	3.62			0.3	4.3		398274.80	6906945.68	1096.00
1124844	26/08/2016	220550	39	N	1312.5		25.2	0.1	6.2	91	91	3.91			0.1	6.2		398279.83	6906958.62	1093.00
1124844	26/08/2016	220502	39	N	1325		25.2	1.5	7.8	98	83	3.89			1.5	7.8		398286.37	6906966.78	1091.00
1124844	26/08/2016	220250	39	N	1337.5		25.2	-3.5	1.6	85	95	3.87			-3.5	1.6		398297.43	6906981.81	1088.00
1124844	26/08/2016	220158	39	N	1350		25.2	-0.4	4.2	90	98	4.03			-0.4	4.2		398305.13	6906987.91	1083.00
1124844	26/08/2016	220102	39	N	1362.5		25.2	3.9	8	51	98	3.36			3.9	8		398311.15	6906996.63	1081.00
1124844	26/08/2016	215954	39	N	1375		25.2	14.7	8.9	61	98	3.51			14.7	8.9		398317.46	6907006.53	1079.00
1124844	26/08/2016	215858	39	N	1387.5		25.2	14	15.6	87	97	3.96			14	15.6		398323.60	6907018.94	1077.00
1124844	26/08/2016	215810	39	N	1400		25.2	13.2	13	61	97	3.47			13.2	13		398329.52	6907026.62	1074.00
1124844	26/08/2016	215718	39	N	1412.5		25.2	9.2	11.8	72	96	3.64			9.2	11.8		398342.18	6907032.17	1070.00
1124844	26/08/2016	215510	39	N	1425		25.2	4.2	9.4	52	96	3.33			4.2	9.4		398348.86	6907044.07	1072.00
1124844	26/08/2016	215418	39	N	1437.5		25.2	1.5	7.5	56	96	3.36			1.5	7.5		398353.45	6907052.24	1068.00
1124844	26/08/2016	215302	39	N	1450		25.2	-3.2	6.7	91	85	3.79			-3.2	6.7		398357.27	6907064.85	1067.00
1124844	26/08/2016	215158	39	N	1462.5		25.2	-4.5	4.6	87	88	3.77			-4.5	4.6		398366.57	6907075.78	1065.00
1124844	26/08/2016	215122	39	N	1475		25.2	-0.8	6.1	96	81	3.82			-0.8	6.1		398371.76	6907084.67	1064.00
1124844	26/08/2016	215030	39	N	1487.5		25.2	-1.3	6.6	61	97	3.48			-1.3	6.6		398377.42	6907096.93	1062.00
1124844	26/08/2016	214954	39	N	1500		25.2	-1.7	5.4	91	87	3.83			-1.7	5.4		398384.97	6907106.53	1061.00
1124844	26/08/2016	214910	39	N	1512.5		25.2	-7.3	1.9	73	93	3.61			-7.3	1.9		398391.97	6907116.54	1060.00
1124844	26/08/2016	214830	39	N	1525		25.2	-12.5	-0.8	69	94	3.53			-12.5	-0.8		398401.39	6907125.37	1060.00
1124844	26/08/2016	214606	39	N	1537.5		25.2	-10.3	3.7	97	88	3.99			-10.3	3.7		398409.09	6907137.26	1058.00
1124844	26/08/2016	214454	39	N	1550		25.2	-12	3.1	88	95	3.93			-12	3.1		398412.86	6907147.60	1058.00
1124844	26/08/2016	214422	39	N	1562.5		25.2	-12.5	4.5	76	97	3.74			-12.5	4.5		398420.55	6907156.32	1058.00
1124844	26/08/2016	214342	39	N	1575		25.2	-9.3	5.9	97	93	4.08			-9.3	5.9		398428.32	6907166.57	1058.00
1124844	26/08/2016	214306	39	N	1587.5		25.2	-12.3	3.4	90	95	3.97			-12.3	3.4		398437.81	6907176.61	1058.00
1124844	26/08/2016	214238	39	N	1600		25.2	-17.2	-0.2	86	89	3.77			-17.2	-0.2		398444.18	6907186.83	1058.00
1124844	26/08/2016	214206	39	N	1612.5		25.2	-18.6	-4.6	95	93	4.05			-18.6	-4.6		398450.05	6907197.24	1059.00
1124844	26/08/2016	214010	39	N	1625		25.2	-19.6	-4	98	91	4.06			-19.6	-4		398454.39	6907208.38	1059.00
1124844	26/08/2016	213938	39	N	1637.5		25.2	-17.9	-4.2	99	100	4.27			-17.9	-4.2		398461.20	6907220.08	1059.00
1124844	26/08/2016	213906	39	N	1650		25.2	-8.4	1.1	100	100	4.3			-8.4	1.1		398469.02	6907228.58	1060.00
1124844	26/08/2016	213834	39	N	1662.5		25.2	-3.3	1	100	99	4.27			-3.3	1		398474.00	6907240.68	1061.00
1124844	26/08/2016	213802	39	N	1675		25.2	-2.7	1.6	99	96	4.18			-2.7	1.6		398483.73	6907249.18	1062.00
1124844	26/08/2016	213710	39	N	1687.5		25.2	-1.3	0.8	99	94	4.13	1					398493.56	6907258.35	1062.00
1124844	26/08/2016	213730	39	N	1687.5		25.2	-2.1	1.2	98	89	4.04			-2.1	1.2	better data fit	398492.88	6907257.34	1061.00
1124844	26/08/2016	213634	39	N	1700		25.2	-7.3	-1	98	99	4.23			-7.3	-1		398501.78	6907264.96	1061.00
1124844	26/08/2016	213554	39	N	1712.5		25.2	-7.9	-1.7	98	94	4.12			-7.9	-1.7		398510.47	6907277.29	1062.00
1124844	26/08/2016	213506	39	N	1725		25.2	-10.9	-4.1	81	98	3.87			-10.9	-4.1		398516.34	6907289.34	1062.00
1124844	26/08/2016	213430	39	N	1737.5		25.2	-12	-4.9	100	99	4.26			-12	-4.9		398520.81	6907300.80	1062.00
1124844	26/08/2016	213358	39	N	1750		25.2	-10.7	-4.7	95	99	4.18			-10.7	-4.7		398528.36	6907310.02	1062.00
1124844	26/08/2016	213322	39	N	1762.5		25.2	-6.5	-3.9	97	99	4.23			-6.5	-3.9		398535.80	6907320.41	1062.00
1124844	26/08/2016	213254	39	N	1775		25.2	-5	-2.8	100	100	4.3			-5	-2.8		398543.69	6907330.68	1063.00
1124844	26/08/2016	213222	39	N	1787.5		25.2	2.6	-1.6	100	100	4.3			2.6	-1.6		398550.48	6907340.32	1063.00
1124844	26/08/2016	213154	39	N	1800		25.2	9.1	0.1	100	100	4.31			9.1	0.1		398557.52	6907350.40	1064.00
1124844	26/08/2016	213122	39	N	1812.5		25.2	11.7	0.7	99	99	4.25			11.7	0.7		398563.85	6907360.68	1064.00
1124844	26/08/2016	213010	39	N	1825		25.2	15.5	0	94	99	4.15			15.5	0		398570.64	6907372.34	1066.00
1124844	26/08/2016	212942	39	N	1837.5		25.2	7.8	-0.1	92	96	4.05			7.8	-0.1		398577.85	6907381.48	1067.00
1124844	26/08/2016	212842	39	N	1850		25.2	5.1	0.8	88	97	3.98			5.1	0.8		398584.86	6907390.22	1066.00
1124844	26/08/2016	212906	39	N	1850		25.2	5.7	0	75	98	3.75			5.7	0		398584.93	6907390.16	1066.00
1124844	26/08/2016	212806	39	N	1862.5		25.2	2.7	1.5	91	95	4			2.7	1.5		398594.19	6907402.59	1067.00
1124844	26/08/2016	212710	39	N	1875		25.2	-3.4	-0.4	91	95	3.99			-3.4	-0.4		398601.38	6907412.52	1068.00
1124844	26/08/2016	212730	39	N	1875		25.2	-3.1	0	96	97	4.15			-3.1	0		398601.37	6907412.77	1068.00
1124844	26/08/2016	212638	39	N	1887.5		25.2	-6.3	1.4	96	81	3.82			-6.3	1.4		398606.17	6907420.55	1069.00
1124844	26/08/2016	212558	39	N	1900		25.2	-11.1	-1	95	95	4.09			-11.1	-1		398614.46	6907431.49	1070
1124844	26/08/2016	212526	39	N	1912.5		25.2	-16.8	-2.7	99	98	4.22			-16.8	-2.7		398622.33	6907442.41	1070

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	26/08/2016	212342	39	N	1925		25.2	-16.4	-0.2	93	98	4.1			-16.4	-0.2		398629.02	6907453.45	1071
1124844	26/08/2016	212310	39	N	1937.5		25.2	-18.3	-1.1	98	99	4.25			-18.3	-1.1		398635.01	6907463.4	1071
1124844	26/08/2016	212238	39	N	1950		25.2	-9.4	4.5	100	100	4.3			-9.4	4.5		398642.08	6907471.54	1071
1124844	26/08/2016	212150	39	N	1962.5		25.2	-9	4.7	95	97	4.12			-9	4.7		398651.24	6907482.33	1071
1124844	26/08/2016	212102	39	N	1975		25.2	-13	0.9	100	100	4.29			-13	0.9		398658.44	6907492.1	1070
1124844	26/08/2016	212022	39	N	1987.5		25.2	-9.1	1.8	100	100	4.29			-9.1	1.8		398662.1	6907504.92	1071
1124844	26/08/2016	211942	39	N	2000		25.2	-4.9	2.7	99	96	4.19			-4.9	2.7		398668.6	6907515.07	1071
1124844	26/08/2016	211902	39	N	2012.5		25.2	-3	3	100	98	4.24			-3	3		398678.69	6907524.64	1071
1124844	26/08/2016	211826	39	N	2025		25.2	1.2	4.2	97	100	4.23			1.2	4.2		398686.81	6907533.71	1070
1124844	26/08/2016	211746	39	N	2037.5		25.2	-0.8	3.5	91	92	3.94			-0.8	3.5		398692.93	6907545.62	1070
1124844	26/08/2016	211706	39	N	2050		25.2	3.7	3.6	100	100	4.31			3.7	3.6		398699.93	6907553.34	1070
1124844	26/08/2016	211622	39	N	2062.5		25.2	6.6	2.4	100	99	4.27			6.6	2.4		398706.91	6907565.35	1068
1124844	26/08/2016	211538	39	N	2075		25.2	16.6	7.2	77	98	3.79			16.6	7.2		398715.4	6907576.28	1066
1124844	26/08/2016	211506	39	N	2087.5		25.2	24.7	7.1	90	98	4.05			24.7	7.1		398721.39	6907584.97	1066
1124844	26/08/2016	211418	39	N	2100		25.2	38.4	11.3	72	98	3.69			38.4	11.3		398730.19	6907595.29	1066
1124844	26/08/2016	211346	39	N	2112.5		25.2	28.1	11.7	85	98	3.93			28.1	11.7		398736.98	6907606.7	1064
1124844	26/08/2016	211258	39	N	2125		25.2	22.2	8.1	77	95	3.73			22.2	8.1		398742.17	6907618.47	1064
1124844	26/08/2016	211218	39	N	2137.5		25.2	17.4	4.6	91	96	4.02			17.4	4.6		398749.55	6907628.67	1063
1124844	26/08/2016	211146	39	N	2150		25.2	13	3.5	96	85	3.91			13	3.5		398757.86	6907637.18	1063
1124844	26/08/2016	211106	39	N	2162.5		25.2	7.7	1	90	94	3.95			7.7	1		398766.28	6907647.62	1061
1124844	26/08/2016	211022	39	N	2175		25.2	8.3	1	91	98	4.06			8.3	1		398774.21	6907656.73	1058
1124844	26/08/2016	210938	39	N	2187.5		25.2	16.7	9	97	95	4.13			16.7	9		398782.58	6907668.55	1057
1124844	26/08/2016	210902	39	N	2200		25.2	15.9	11.8	92	96	4.04			15.9	11.8		398789.42	6907677.47	1054
1124844	26/08/2016	210814	39	N	2212.5		25.2	15.8	12.3	76	97	3.76			15.8	12.3		398794.69	6907689.11	1053
1124844	26/08/2016	210718	39	N	2225		25.2	11.1	12.1	61	98	3.51			11.1	12.1		398801.33	6907698.89	1050
1124844	26/08/2016	210630	39	N	2237.5		25.2	14.9	9.2	84	95	3.84			14.9	9.2		398806.08	6907708.56	1047
1124844	26/08/2016	210538	39	N	2250		25.2	13	11.8	96	94	4.08			13	11.8		398813.16	6907717.54	1042
1124844	26/08/2016	210454	39	N	2262.5		25.2	16.7	16	96	80	3.81			16.7	16		398821.2	6907726.08	1038
1124844	26/08/2016	210354	39	N	2275		25.2	15	17.7	81	92	3.74			15	17.7		398830.73	6907733.72	1035
1124844	26/08/2016	210306	39	N	2287.5		25.2	12.4	17.3	85	93	3.84			12.4	17.3		398835.75	6907745.52	1032
1124844	26/08/2016	210210	39	N	2300		25.2	11.9	17	89	86	3.77			11.9	17		398842.71	6907753.84	1028
1124844	26/08/2016	210054	39	N	2312.5		25.2	11.8	17.9	84	94	3.83			11.8	17.9		398847.82	6907762.68	1026
1124844	26/08/2016	205930	39	N	2325		25.2	13.8	20.4	88	85	3.72			13.8	20.4		398855.18	6907774.56	1023
1124844	26/08/2016	205950	39	N	2325		25.2	14.4	20.3	84	89	3.71	1					398855.15	6907774.2	1023
1124844	26/08/2016	210006	39	N	2325		25.2	10.6	20.4	82	90	3.7	1					398855.25	6907774.13	1023
8042728	27/08/2016	173402	41	N	0		25.2	19.2	-8.7	21	63	4.06	2					397686.06	6905757.42	1203.00
8042728	27/08/2016	173418	41	N	0		25.2	18.9	-8.6	20	63	4.01	1					397686.03	6905757.39	1203.00
8042728	27/08/2016	173434	41	N	0		25.2	19.2	-8.3	17	64	4.01			19.2	-8.3		397685.80	6905757.27	1204.00
8042728	27/08/2016	173542	41	N	12.5		25.2	20.6	-7.5	21	65	4.14			20.6	-7.5		397694.20	6905767.99	1204.00
8042728	27/08/2016	173610	41	N	12.5		25.2	21.2	-7.7	15	62	3.89	1					397694.46	6905767.50	1204.00
8042728	27/08/2016	173654	41	N	25		25.2	20.9	-7.6	21	61	3.92			20.9	-7.6		397701.02	6905777.84	1206.00
8042728	27/08/2016	173938	41	N	37.5		25.2	22.8	-8.6	21	58	3.75			22.8	-8.6		397707.92	6905788.48	1209.00
8042728	27/08/2016	174022	41	N	50		25.2	25.6	-8.8	24	58	3.86			25.6	-8.8		397715.21	6905797.17	1209.00
8042728	27/08/2016	174110	41	N	62.5		25.2	26.2	-8	31	60	4.1			26.2	-8		397723.03	6905806.44	1212.00
8042728	27/08/2016	174206	41	N	75		25.2	29.4	-9.7	22	59	3.81			29.4	-9.7		397731.10	6905818.40	1214.00
8042728	27/08/2016	174250	41	N	87.5		25.2	32.9	-6.2	31	56	3.9			32.9	-6.2		397738.76	6905829.34	1216.00
8042728	27/08/2016	174306	41	N	87.5		25.2	35.5	-6.6	26	58	3.89	1					397738.72	6905829.13	1216.00
8042728	27/08/2016	174350	41	N	100		25.2	34.8	-5.3	27	60	4.03			34.8	-5.3		397745.59	6905838.51	1217.00
8042728	27/08/2016	174434	41	N	112.5		25.2	35.6	-5.6	33	60	4.16			35.6	-5.6		397751.88	6905847.46	1219.00
8042728	27/08/2016	174522	41	N	125		25.2	35.9	-6.6	35	58	4.1			35.9	-6.6		397757.26	6905857.89	1219.00
8042728	27/08/2016	174610	41	N	137.5		25.2	39.1	-6.5	24	63	4.13	1					397764.18	6905869.96	1222.00
8042728	27/08/2016	174634	41	N	137.5		25.2	40.9	-6.6	22	60	3.89	2					397763.43	6905869.00	1225.00
8042728	27/08/2016	174654	41	N	137.5		25.2	37.8	-6.1	27	63	4.16			37.8	-6.1		397763.29	6905869.51	1223.00
8042728	27/08/2016	174818	41	N	150		25.2	34.7	-7.5	38	60	4.3			34.7	-7.5		397768.53	6905878.47	1224.00
8042728	27/08/2016	174930	41	N	162.5		25.2	29.2	-10.1	38	64	4.55	1					397776.82	6905886.03	1226.00
8042728	27/08/2016	174946	41	N	162.5		25.2	27.9	-9.9	42	63	4.62			27.9	-9.9		397777.13	6905886.30	1226.00
8042728	27/08/2016	175034	41	N	175		25.2	19.2	-14.9	43	64	4.7			19.2	-14.9		397783.50	6905895.96	1227.00
8042728	27/08/2016	175118	41	N	187.5		25.2	16.2	-17.2	31	64	4.35			16.2	-17.2		397790.35	6905906.24	1228.00
8042728	27/08/2016	175158	41	N	200		25.2	19.5	-16.5	32	62	4.25			19.5	-16.5		397798.67	6905918.69	1231.00
8042728	27/08/2016	175234	41	N	212.5		25.2	23	-15.8	27	59	3.94	2					397805.87	6905926.48	1232.00
8042728	27/08/2016	175250	41	N	212.5		25.2	23.5	-16	28	57	3.9	1					397806.38	6905926.85	1232.00
8042728	27/08/2016	175310	41	N	212.5		25.2	23.9	-15.7	24	61	4.03			23.9	-15.7		397806.13	6905926.76	1232.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	175342	41	N	225		25.2	23.1	-16.1	36	62	4.4			23.1	-16.1		397811.56	6905936.59	1234.00
8042728	27/08/2016	175422	41	N	237.5		25.2	22.6	-20	32	61	4.22			22.6	-20		397818.08	6905948.27	1234.00
8042728	27/08/2016	175534	41	N	250		25.2	30.5	-16.2	32	56	3.92			30.5	-16.2		397827.76	6905958.19	1236.00
8042728	27/08/2016	175614	41	N	262.5		25.2	36.7	-13.6	33	58	4.07			36.7	-13.6		397835.53	6905967.21	1237.00
8042728	27/08/2016	175710	41	N	275		25.2	41	-10	25	65	4.25			41	-10		397840.90	6905978.47	1241.00
8042728	27/08/2016	175726	41	N	275		25.2	41.3	-10.3	23	61	3.99	1					397841.04	6905978.77	1240.00
8042728	27/08/2016	175806	41	N	287.5		25.2	41.6	-11.1	18	71	4.44			41.6	-11.1		397847.43	6905987.23	1242.00
8042728	27/08/2016	175918	41	N	300		25.2	44.8	-7.1	37	62	4.43			44.8	-7.1		397855.01	6905995.95	1244.00
8042728	27/08/2016	180010	41	N	312.5		25.2	47.2	-5.1	33	72	4.82			47.2	-5.1		397860.13	6906006.49	1246.00
8042728	27/08/2016	180102	41	N	325		25.2	40.6	-4.6	36	78	5.22			40.6	-4.6		397866.55	6906016.93	1249.00
8042728	27/08/2016	180122	41	N	325		25.2	41.2	-4.5	32	74	4.92	2					397866.53	6906017.01	1249.00
8042728	27/08/2016	180142	41	N	325		25.2	41.9	-4.3	28	77	5.01	1					397865.95	6906016.63	1248.00
8042728	27/08/2016	180234	41	N	337.5		25.2	31.2	-1	37	86	5.7			31.2	-1		397874.26	6906030.00	1251.00
8042728	27/08/2016	180250	41	N	337.5		25.2	32.1	-1	30	85	5.47	2					397874.22	6906029.85	1251.00
8042728	27/08/2016	180306	41	N	337.5		25.2	31	-1.1	33	87	5.64	1					397874.47	6906030.15	1251.00
8042728	27/08/2016	180338	41	N	350		25.2	12	-4.4	38	87	5.76			12	-4.4		397880.54	6906037.87	1253.00
8042728	27/08/2016	180414	41	N	362.5		25.2	8.6	-0.3	44	81	5.6			8.6	-0.3		397887.20	6906047.18	1255.00
8042728	27/08/2016	180430	41	N	362.5		25.2	9.2	-1.1	44	76	5.38	1					397886.94	6906046.89	1255.00
8042728	27/08/2016	180458	41	N	362.5		25.2	9.7	-0.9	41	73	5.11	2					397886.93	6906047.09	1254.00
8042728	27/08/2016	180518	41	N	362.5		25.2	8.9	-0.1	38	80	5.38	1					397886.48	6906047.01	1254.00
8042728	27/08/2016	180602	41	N	375		25.2	9.3	1.9	51	71	5.3	1					397895.21	6906057.22	1257.00
8042728	27/08/2016	180618	41	N	375		25.2	10	2	47	74	5.34			10	2		397895.04	6906056.98	1257.00
8042728	27/08/2016	180638	41	N	375		25.2	11	2.3	37	78	5.25	2					397894.37	6906056.85	1257.00
8042728	27/08/2016	180726	41	N	387.5		25.2	11.9	5.3	46	74	5.33			11.9	5.3		397903.41	6906068.07	1260.00
8042728	27/08/2016	180810	41	N	400		25.2	15.5	7.3	46	73	5.27			15.5	7.3		397910.31	6906075.88	1263.00
8042728	27/08/2016	180910	41	N	412.5		25.2	7.4	3.5	68	73	6.09			7.4	3.5		397918.16	6906085.64	1266.00
8042728	27/08/2016	180958	41	N	425		25.2	4	3.4	46	83	5.79	1					397925.37	6906093.95	1269.00
8042728	27/08/2016	181022	41	N	425		25.2	4.8	3.2	41	86	5.81			4.8	3.2		397925.27	6906093.92	1268.00
8042728	27/08/2016	181058	41	N	437.5		25.2	-7	-1.1	38	78	5.27			-7	-1.1		397933.22	6906105.70	1271.00
8042728	27/08/2016	181126	41	N	450		25.2	-13.9	-2.6	33	82	5.38	1					397940.33	6906115.43	1272.00
8042728	27/08/2016	181142	41	N	450		25.2	-13.3	-1.5	11	86	5.27	2					397940.21	6906115.18	1272.00
8042728	27/08/2016	181158	41	N	450		25.2	-13.1	-2.1	21	84	5.3			-13.1	-2.1		397939.74	6906114.39	1272.00
8042728	27/08/2016	181250	41	N	462.5		25.2	-19.9	-5.3	27	76	4.94			-19.9	-5.3		397946.61	6906124.46	1273.00
8042728	27/08/2016	181334	41	N	475		25.2	-13.1	-0.4	34	70	4.74			-13.1	-0.4		397954.12	6906137.17	1274.00
8042728	27/08/2016	181350	41	N	475		25.2	-13.5	0.2	25	71	4.57	1					397953.75	6906137.14	1274.00
8042728	27/08/2016	181646	41	N	475		25.2	-5.2	4.9	31	69	4.61	2					397960.76	6906147.43	1275.00
8042728	27/08/2016	181730	41	N	487.5		25.2	-3	4.3	40	75	5.21			-3	4.3		397969.24	6906156.86	1276.00
8042728	27/08/2016	181810	41	N	500		25.2	-21.7	-3.5	27	70	4.56	2					397977.54	6906166.62	1276.00
8042728	27/08/2016	181826	41	N	500		25.2	-21.5	-3.7	31	73	4.85			-21.5	-3.7		397977.46	6906166.44	1276.00
8042728	27/08/2016	181842	41	N	500		25.2	-22.1	-2.5	23	72	4.63	2					397977.11	6906166.29	1276.00
8042728	27/08/2016	181858	41	N	500		25.2	-21.6	-3.8	24	76	4.84	1					397977.19	6906166.55	1276.00
8042728	27/08/2016	181934	41	N	512.5		25.2	-22.8	-3.1	21	73	4.64			-22.8	-3.1		397985.77	6906177.18	1276.00
8042728	27/08/2016	182018	41	N	525		25.2	-20.8	-1.9	22	67	4.28	1					397992.97	6906185.90	1276.00
8042728	27/08/2016	182034	41	N	525		25.2	-21.4	-1.7	20	68	4.33			-21.4	-1.7		397992.67	6906185.64	1275.00
8042728	27/08/2016	182114	41	N	537.5		25.2	-18.2	0.8	24	67	4.33	1					398000.43	6906195.99	1274.00
8042728	27/08/2016	182130	41	N	537.5		25.2	-18	0.3	23	65	4.22	1					398000.23	6906195.47	1274.00
8042728	27/08/2016	182234	41	N	537.5		25.2	-18.6	1.2	24	69	4.46			-18.6	1.2		398000.32	6906196.21	1275.00
8042728	27/08/2016	182302	41	N	550		25.2	-14.4	4.8	25	62	4.11			-14.4	4.8		398008.00	6906204.87	1273.00
8042728	27/08/2016	182318	41	N	550		25.2	-14.7	5.1	20	62	3.99	1					398007.91	6906205.44	1274.00
8042728	27/08/2016	182358	41	N	562.5		25.2	-10	9	25	64	4.18	1					398015.92	6906216.70	1272.00
8042728	27/08/2016	182418	41	N	562.5		25.2	-9.9	9.5	20	66	4.2	1					398015.51	6906216.28	1272.00
8042728	27/08/2016	182438	41	N	562.5		25.2	-9.6	8.9	22	67	4.32			-9.6	8.9		398016.19	6906216.96	1272.00
8042728	27/08/2016	182506	41	N	575		25.2	-7	11.3	31	68	4.57			-7	11.3		398022.84	6906225.47	1270.00
8042728	27/08/2016	182522	41	N	575		25.2	-6.8	12	26	69	4.49	1					398022.50	6906225.74	1270.00
8042728	27/08/2016	182602	41	N	587.5		25.2	-4.9	12.1	25	74	4.77			-4.9	12.1		398030.18	6906236.61	1268.00
8042728	27/08/2016	182658	41	N	600		25.2	-10.1	9	28	73	4.75			-10.1	9		398037.08	6906248.20	1267.00
8042728	27/08/2016	182742	41	N	612.5		25.2	-20.7	2.1	30	76	4.99			-20.7	2.1		398043.56	6906257.04	1265.00
8042728	27/08/2016	182810	41	N	625		25.2	-30.2	-0.7	16	69	4.34	1					398049.33	6906264.68	1264.00
8042728	27/08/2016	182826	41	N	625		25.2	-29.6	-0.5	10	75	4.6			-29.6	-0.5		398048.97	6906265.16	1264.00
8042728	27/08/2016	182858	41	N	637.5		25.2	-32.3	-0.8	16	69	4.3			-32.3	-0.8		398055.63	6906274.38	1263.00
8042728	27/08/2016	182930	41	N	650		25.2	-34.5	1.5	12	68	4.23			-34.5	1.5		398063.02	6906285.77	1260.00
8042728	27/08/2016	183010	41	N	662.5		25.2	-34.5	2.2	20	64	4.06			-34.5	2.2		398069.58	6906294.88	1256.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	183050	41	N	675		25.2	-35	4.3	19	68	4.29			-35	4.3		398076.88	6906306.69	1255.00
8042728	27/08/2016	183158	41	N	675		25.2	-36.1	6.4	9	66	4.03	1					398076.97	6906306.31	1255.00
8042728	27/08/2016	183242	41	N	687.5		25.2	-39.8	5.3	12	68	4.21	1					398082.84	6906316.01	1252.00
8042728	27/08/2016	183410	41	N	687.5		25.2	-42.2	6.2	8	70	4.31			-42.2	6.2		398089.55	6906326.13	1249.00
8042728	27/08/2016	183454	41	N	700		25.2	-45.4	5.2	8	70	4.26			-45.4	5.2		398095.30	6906337.04	1246.00
8042728	27/08/2016	183530	41	N	712.5		25.2	-63.6	0.5	16	61	3.87			-63.6	0.5	better data fit	398102.58	6906345.51	1242.00
8042728	27/08/2016	183550	41	N	712.5		25.2	-62.4	-0.4	18	68	4.3	1					398102.29	6906345.33	1243.00
8042728	27/08/2016	183630	41	N	725		25.2	-70	-4.4	13	59	3.71			-70	-4.4		398110.52	6906355.74	1240.00
8042728	27/08/2016	183710	41	N	737.5		25.2	-69.8	-7.7	25	51	3.48			-69.8	-7.7		398117.45	6906364.85	1236.00
8042728	27/08/2016	183746	41	N	750		25.2	-59	-5.4	20	55	3.59			-59	-5.4		398124.87	6906375.61	1233.00
8042728	27/08/2016	183818	41	N	762.5		25.2	-59.8	-7.8	26	52	3.54			-59.8	-7.8		398131.77	6906384.11	1229.00
8042728	27/08/2016	183854	41	N	775		25.2	-56.7	-7.7	23	49	3.34			-56.7	-7.7		398138.29	6906393.79	1226.00
8042728	27/08/2016	183942	41	N	787.5		25.2	-45.3	-6.5	45	102	3.38			-45.3	-6.5		398146.46	6906406.80	1223.00
8042728	27/08/2016	184018	41	N	800		25.2	-42.9	-8.5	54	100	3.47			-42.9	-8.5		398153.86	6906416.69	1220.00
8042728	27/08/2016	184114	41	N	812.5		25.2	-39	-8.1	51	96	3.31			-39	-8.1		398158.53	6906423.46	1219.00
8042728	27/08/2016	184150	41	N	825		25.2	-34.6	-8.2	55	101	3.49			-34.6	-8.2		398165.94	6906433.63	1215.00
8042728	27/08/2016	184330	41	N	837.5		25.2	-35	-12.8	61	97	3.48			-35	-12.8		398174.27	6906445.02	1212.00
8042728	27/08/2016	184358	41	N	850		25.2	-30.9	-12.9	57	95	3.36			-30.9	-12.9		398179.94	6906453.53	1210.00
8042728	27/08/2016	184430	41	N	862.5		25.2	-27.7	-12.2	55	96	3.37			-27.7	-12.2		398187.48	6906463.92	1206.00
8042728	27/08/2016	184506	41	N	875		25.2	-24.1	-13.9	49	98	3.33			-24.1	-13.9		398196.65	6906476.03	1202.00
8042728	27/08/2016	184538	41	N	887.5		25.2	-20.8	-16.1	53	99	3.4			-20.8	-16.1		398203.01	6906485.35	1200.00
8042728	27/08/2016	184622	41	N	900		25.2	-18.3	-15.4	62	89	3.32			-18.3	-15.4		398209.76	6906494.00	1196.00
8042728	27/08/2016	184654	41	N	912.5		25.2	-14.8	-16	62	90	3.33			-14.8	-16		398216.01	6906502.40	1194.00
8042728	27/08/2016	184726	41	N	925		25.2	-11.1	-17.2	57	98	3.46			-11.1	-17.2		398224.02	6906513.84	1189.00
8042728	27/08/2016	184802	41	N	937.5		25.2	-9.7	-17.7	65	90	3.38			-9.7	-17.7		398228.50	6906523.00	1187.00
8042728	27/08/2016	184838	41	N	950		25.2	-5.3	-17.9	53	94	3.29			-5.3	-17.9		398234.64	6906532.98	1185.00
8042728	27/08/2016	184914	41	N	962.5		25.2	0.1	-16.2	60	104	3.66			0.1	-16.2		398241.61	6906544.11	1181.00
8042728	27/08/2016	184950	41	N	975		25.2	-6.3	-22.4	63	96	3.48			-6.3	-22.4		398249.32	6906553.61	1178.00
8042728	27/08/2016	185034	41	N	987.5		25.2	-3.6	-25	47	105	3.49			-3.6	-25		398256.96	6906563.90	1175.00
8042728	27/08/2016	185110	41	N	1000		25.2	-0.6	-25.2	61	99	3.54			-0.6	-25.2		398263.39	6906573.06	1172.00
8042728	27/08/2016	185134	41	N	1012.5		25.2	2.4	-25.5	51	107	3.61			2.4	-25.5		398269.35	6906580.11	1170.00
8042728	27/08/2016	185218	41	N	1025		25.2	8.3	-23.4	64	99	3.59			8.3	-23.4		398277.05	6906593.16	1165.00
8042728	27/08/2016	185254	41	N	1037.5		25.2	12.2	-20.6	54	113	3.8			12.2	-20.6		398282.89	6906603.18	1163.00
8042728	27/08/2016	185334	41	N	1050		25.2	17.5	-17.2	71	106	3.86			17.5	-17.2		398291.89	6906613.88	1159.00
8042728	27/08/2016	185406	41	N	1062.5		25.2	22.5	-14.5	55	112	3.81			22.5	-14.5		398296.61	6906624.06	1156.00
8042728	27/08/2016	185438	41	N	1075		25.2	24.5	-11.4	65	121	4.17			24.5	-11.4		398303.72	6906632.72	1152.00
8042728	27/08/2016	185514	41	N	1087.5		25.2	26.2	-7.8	62	122	4.17			26.2	-7.8		398311.59	6906643.48	1150.00
8042728	27/08/2016	185550	41	N	1100		25.2	22.4	-5.2	33	71	4.74			22.4	-5.2		398318.62	6906651.36	1145.00
8042728	27/08/2016	185626	41	N	1112.5		25.2	1.8	-13.3	35	78	5.2			1.8	-13.3		398327.96	6906660.85	1143.00
8042728	27/08/2016	185706	41	N	1125		25.2	-12.7	-14.1	33	80	5.26			-12.7	-14.1		398333.74	6906669.58	1140.00
8042728	27/08/2016	185742	41	N	1137.5		25.2	-24.1	-15.4	31	75	4.94			-24.1	-15.4		398340.31	6906682.69	1141.00
8042728	27/08/2016	185818	41	N	1150		25.2	-27.5	-15.3	35	64	4.46			-27.5	-15.3		398344.57	6906688.30	1136.00
8042728	27/08/2016	185854	41	N	1162.5		25.2	-34.1	-15.2	37	60	4.28			-34.1	-15.2		398352.83	6906697.68	1131.00
8042728	27/08/2016	185926	41	N	1175		25.2	-36.8	-13	44	62	4.66			-36.8	-13		398359.15	6906706.86	1128.00
8042728	27/08/2016	190002	41	N	1187.5		25.2	-47.6	-17.7	31	63	4.3			-47.6	-17.7		398366.90	6906717.07	1127.00
8042728	27/08/2016	190038	41	N	1200		25.2	-52.1	-20.5	28	55	3.78			-52.1	-20.5		398373.25	6906728.95	1123.00
8042728	27/08/2016	190122	41	N	1212.5		25.2	-49.9	-18.9	29	51	3.62			-49.9	-18.9		398382.07	6906741.35	1122.00
8042728	27/08/2016	190238	41	N	1225		25.2	-43.4	-16.1	20	52	3.4			-43.4	-16.1		398388.45	6906752.51	1119.00
8042728	27/08/2016	190314	41	N	1237.5		25.2	-42.7	-15.9	27	45	3.24			-42.7	-15.9		398392.41	6906761.26	1117.00
8042728	27/08/2016	190350	41	N	1250		25.2	-31.8	-13.1	57	96	3.39			-31.8	-13.1		398401.28	6906772.57	1113.00
8042728	27/08/2016	190430	41	N	1262.5		25.2	-27.1	-11.4	46	99	3.33			-27.1	-11.4		398406.58	6906781.92	1110.00
8042728	27/08/2016	190510	41	N	1275		25.2	-19.9	-7.9	57	88	3.2			-19.9	-7.9		398414.41	6906794.61	1106.00
8042728	27/08/2016	190550	41	N	1287.5		25.2	-15.1	-4.7	48	96	3.25			-15.1	-4.7		398420.44	6906805.88	1106.00
8042728	27/08/2016	190630	41	N	1300		25.2	-14.7	-7.3	60	93	3.36			-14.7	-7.3		398429.06	6906814.86	1102.00
8042728	27/08/2016	190710	41	N	1312.5		25.2	-14.1	-9.8	53	96	3.35			-14.1	-9.8		398437.43	6906823.38	1099.00
8042728	27/08/2016	190742	41	N	1325		25.2	-11.8	-8.1	51	102	3.46			-11.8	-8.1		398444.34	6906831.34	1097.00
8042728	27/08/2016	190822	41	N	1337.5		25.2	-12.2	-8.2	66	94	3.5			-12.2	-8.2		398449.83	6906838.74	1096.00
8042728	27/08/2016	190910	41	N	1350		25.2	-11	-6.7	50	99	3.37			-11	-6.7		398457.53	6906850.28	1090.00
8042728	27/08/2016	190942	41	N	1362.5		25.2	-9.9	-7.1	44	105	3.47			-9.9	-7.1		398463.12	6906859.33	1091.00
8042728	27/08/2016	191018	41	N	1375		25.2	-10	-9.2	61	102	3.6			-10	-9.2		398472.19	6906866.60	1087.00
8042728	27/08/2016	191050	41	N	1387.5		25.2	-10.4	-8	48	104	3.47			-10.4	-8		398475.06	6906877.83	1086.00
8042728	27/08/2016	191110	41	N	1387.5		25.2	-10.5	-7.4	48	102	3.41	1					398475.07	6906877.85	1086.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	191138	41	N	1387.5		25.2	-10.1	-7.1	44	102	3.38	2					398474.88	6906878.06	1086.00
8042728	27/08/2016	191154	41	N	1387.5		25.2	-10.8	-7	45	102	3.38	2					398474.70	6906878.25	1087.00
8042728	27/08/2016	191258	41	N	1400		25.2	-6.2	-1.1	52	104	3.54			-6.2	-1.1		398485.37	6906891.27	1081.00
8042728	27/08/2016	191326	41	N	1412.5		25.2	-7	-0.9	60	114	3.91			-7	-0.9		398491.21	6906896.96	1080.00
8042728	27/08/2016	191402	41	N	1425		25.2	-19.8	-6.6	44	114	3.71			-19.8	-6.6		398496.21	6906909.10	1078.00
8042728	27/08/2016	191430	41	N	1437.5		25.2	-26	-8.4	50	105	3.55			-26	-8.4		398502.09	6906920.05	1080.00
8042728	27/08/2016	191506	41	N	1450		25.2	-22.3	-3.8	50	103	3.47			-22.3	-3.8		398507.45	6906930.06	1072.00
8042728	27/08/2016	191602	41	N	1462.5		25.2	-40.3	-11.6	36	109	3.48			-40.3	-11.6		398519.62	6906939.68	1071.00
8042728	27/08/2016	191646	41	N	1475		25.2	-40.5	-14.2	53	89	3.15			-40.5	-14.2		398528.51	6906945.18	1067.00
8042728	27/08/2016	191934	41	N	1487.5	Accidental, Delete	25.2	-38.9	-13.6	57	86	3.14	9					398531.15	6906949.55	1065.00
8042728	27/08/2016	192038	41	N	1487.5		25.2	-35.8	-14.3	52	85	3.03			-35.8	-14.3		398537.90	6906960.51	1063.00
8042728	27/08/2016	192114	41	N	1500		25.2	-28.8	-12.4	39	85	2.86			-28.8	-12.4		398541.43	6906970.61	1059.00
8042728	27/08/2016	192150	41	N	1512.5		25.2	-19.1	-9.9	42	83	2.84			-19.1	-9.9		398549.21	6906981.26	1056.00
8042728	27/08/2016	192234	41	N	1525		25.2	-12.7	-7.2	40	83	2.8	1					398554.33	6906991.80	1052.00
8042728	27/08/2016	192250	41	N	1525		25.2	-14.5	-5.3	36	83	2.75			-14.5	-5.3	better data fit	398553.67	6906994.42	1057.00
8042728	27/08/2016	192330	41	N	1537.5		25.2	-5.2	-6.2	54	79	2.89			-5.2	-6.2		398561.43	6907004.46	1049.00
8042728	27/08/2016	192406	41	N	1550		25.2	-3.3	-3.6	36	84	2.79			-3.3	-3.6		398569.94	6907011.59	1046.00
8042728	27/08/2016	192438	41	N	1562.5		25.2	0	-6.1	52	75	2.78			0	-6.1		398575.24	6907019.23	1045.00
8042728	27/08/2016	192510	41	N	1575		25.2	7.9	-3.7	47	80	2.84			7.9	-3.7		398582.48	6907029.38	1040.00
8042728	27/08/2016	192554	41	N	1587.5		25.2	12.2	-2.9	48	83	2.93			12.2	-2.9		398590.28	6907038.04	1040.00
8042728	27/08/2016	192614	41	N	1587.5		25.2	10.3	-4.4	54	77	2.85	1					398590.17	6907038.35	1040.00
8042728	27/08/2016	192706	41	N	1600		25.2	14	-5.7	46	82	2.86			14	-5.7		398597.80	6907048.79	1041.00
8042728	27/08/2016	192810	41	N	1612.5		25.2	17.2	-5.7	55	84	3.05			17.2	-5.7		398606.28	6907059.23	1043.00
8042728	27/08/2016	192826	41	N	1612.5		25.2	16.4	-5.2	53	76	2.81	1					398605.91	6907059.30	1044.00
8042728	27/08/2016	192914	41	N	1625		25.2	19.5	-8.4	37	89	2.93			19.5	-8.4		398611.42	6907067.61	1045.00
8042728	27/08/2016	193002	41	N	1637.5		25.2	25.2	-7.8	32	89	2.87			25.2	-7.8		398616.88	6907077.74	1050.00
8042728	27/08/2016	193046	41	N	1650		25.2	29.1	-5.6	27	90	2.85			29.1	-5.6		398619.68	6907087.79	1051.00
8042728	27/08/2016	193154	41	N	1662.5		25.2	29.9	-4	52	86	3.07			29.9	-4		398628.96	6907099.47	1059.00
8042728	27/08/2016	193242	41	N	1675		25.2	36.1	0.1	57	88	3.19			36.1	0.1		398637.34	6907109.36	1063.00
8042728	27/08/2016	193322	41	N	1687.5		25.2	38.3	4.5	52	97	3.35			38.3	4.5		398641.93	6907122.20	1069.00
8042728	27/08/2016	193410	41	N	1700		25.2	41.9	8.7	40	106	3.45			41.9	8.7		398647.31	6907130.68	1062.00
8042728	27/08/2016	193454	41	N	1712.5		25.2	37.3	6.5	83	105	4.06			37.3	6.5		398653.16	6907138.53	1064.00
8042728	27/08/2016	193534	41	N	1725		25.2	20.7	-1.2	83	117	4.36			20.7	-1.2		398660.76	6907149.97	1064.00
8042728	27/08/2016	193614	41	N	1737.5		25.2	6	-5	123	82	4.48			6	-5		398668.56	6907158.35	1063.00
8042728	27/08/2016	193838	41	N	1750		25.2	-2.4	-6.7	45	49	4.07			-2.4	-6.7		398677.22	6907165.42	1067.00
8042728	27/08/2016	193914	41	N	1762.5		25.2	-4.4	-7.8	108	82	4.12			-4.4	-7.8		398686.96	6907174.20	1067.00
8042728	27/08/2016	193942	41	N	1775		25.2	-2.9	-4.8	92	84	3.78			-2.9	-4.8		398694.82	6907183.97	1066.00
8042728	27/08/2016	194010	41	N	1787.5		25.2	-1	-3.5	81	90	3.68			-1	-3.5		398702.54	6907193.17	1068.00
8042728	27/08/2016	194046	41	N	1800		25.2	4.9	-1.1	65	99	3.62			4.9	-1.1		398709.75	6907205.51	1066.00
8042728	27/08/2016	194122	41	N	1812.5		25.2	6	0.5	47	100	3.35			6	0.5		398716.70	6907215.34	1068.00
8042728	27/08/2016	194202	41	N	1825		25.2	-0.7	-4.2	55	100	3.47			-0.7	-4.2		398723.82	6907230.40	1078.00
8042728	27/08/2016	194238	41	N	1837.5		25.2	3.9	-0.4	38	108	3.48			3.9	-0.4		398728.15	6907236.95	1068.00
8042728	27/08/2016	194314	41	N	1850		25.2	10.3	2.3	44	111	3.64			10.3	2.3		398733.96	6907249.03	1068.00
8042728	27/08/2016	194346	41	N	1862.5		25.2	1.8	-4.4	69	102	3.75			1.8	-4.4		398740.98	6907258.26	1070.00
8042728	27/08/2016	194418	41	N	1875		25.2	4.2	-3.4	71	92	3.53			4.2	-3.4		398749.10	6907267.46	1070.00
8042728	27/08/2016	194458	41	N	1887.5		25.2	2.3	-5.6	77	86	3.51			2.3	-5.6		398756.25	6907276.39	1070.00
8042728	27/08/2016	194534	41	N	1900		25.2	8.4	-1.4	66	89	3.37	1					398762.35	6907286.98	1069.00
8042728	27/08/2016	194554	41	N	1900		25.2	7.8	-1.3	77	84	3.46			7.8	-1.3		398762.29	6907286.76	1069.00
8042728	27/08/2016	194630	41	N	1912.5		25.2	13	0.8	86	89	3.76			13	0.8		398769.94	6907298.87	1074.00
8042728	27/08/2016	194702	41	N	1925		25.2	7.9	-1.8	89	84	3.72			7.9	-1.8		398779.27	6907305.29	1071.00
8042728	27/08/2016	194738	41	N	1937.5		25.2	8.5	-1	106	71	3.87			8.5	-1		398790.41	6907311.48	1070.00
8042728	27/08/2016	194814	41	N	1950		25.2	12.2	-0.7	52	107	3.61			12.2	-0.7		398793.56	6907322.72	1072.00
8042728	27/08/2016	195046	41	N	1962.5		25.2	10.5	-0.1	50	107	3.6			10.5	-0.1		398796.84	6907333.59	1072.00
8042728	27/08/2016	195114	41	N	1975		25.2	9.6	-0.6	41	114	3.68	1					398801.63	6907347.51	1075.00
8042728	27/08/2016	195130	41	N	1975		25.2	9.2	-0.8	45	118	3.82			9.2	-0.8		398803.65	6907347.08	1079.00
8042728	27/08/2016	195202	41	N	1987.5		25.2	6	-3.5	60	115	3.94			6	-3.5		398811.49	6907358.26	1079.00
8042728	27/08/2016	195230	41	N	2000		25.2	2.2	-6.1	76	95	3.7			2.2	-6.1		398817.50	6907367.58	1078.00
8042728	27/08/2016	195250	41	N	2000		25.2	3.4	-5	62	110	3.84			3.4	-5		398817.25	6907366.99	1077.00
8042728	27/08/2016	195318	41	N	2012.5		25.2	8.6	-1.8	40	118	3.79			8.6	-1.8		398821.49	6907380.10	1080.00
8042728	27/08/2016	195350	41	N	2025		25.2	11.9	0.3	69	99	3.66			11.9	0.3		398831.58	6907388.64	1079.00
8042728	27/08/2016	195418	41	N	2037.5		25.2	13.6	1.5	75	109	4.01			13.6	1.5		398838.77	6907398.91	1081.00
8042728	27/08/2016	195446	41	N	2050		25.2	11.9	0.3	94	112	4.44			11.9	0.3		398845.38	6907407.59	1081.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	27/08/2016	195518	41	N	2062.5		25.2	2.6	-1.3	98	122	4.74			2.6	-1.3		398851.65	6907417.93	1080.00
8042728	27/08/2016	195546	41	N	2075		25.2	-19	-8.1	35	63	4.41			-19	-8.1		398858.20	6907428.09	1079.00
8042728	27/08/2016	195618	41	N	2087.5		25.2	-24.9	-8.1	31	54	3.82			-24.9	-8.1		398868.40	6907437.20	1077.00
8042728	27/08/2016	195646	41	N	2100		25.2	-19.7	-6	40	50	3.89			-19.7	-6		398875.25	6907446.35	1078.00
8042728	27/08/2016	195714	41	N	2112.5		25.2	-18.8	-4.6	43	49	4			-18.8	-4.6		398882.90	6907454.78	1078.00
8042728	27/08/2016	195746	41	N	2125		25.2	-14.3	-3.8	76	113	4.13			-14.3	-3.8		398891.60	6907468.72	1078.00
8042728	27/08/2016	195818	41	N	2137.5		25.2	-12.7	-3.5	80	99	3.88			-12.7	-3.5		398900.54	6907477.28	1077.00
8042728	27/08/2016	195854	41	N	2150		25.2	-13.7	-2.5	67	102	3.73			-13.7	-2.5		398905.63	6907488.12	1075.00
8042728	27/08/2016	195926	41	N	2162.5		25.2	-14.8	-4.3	76	101	3.84			-14.8	-4.3		398912.71	6907500.02	1075.00
8042728	27/08/2016	200002	41	N	2175		25.2	-18	-9.6	68	102	3.73			-18	-9.6		398918.16	6907509.39	1072.00
8042728	27/08/2016	200034	41	N	2187.5		25.2	-14.6	-9	65	102	3.67			-14.6	-9		398925.59	6907518.91	1071.00
8042728	27/08/2016	200054	41	N	2187.5		25.2	-13.4	-9.7	62	100	3.57	1					398925.87	6907519.28	1072.00
8042728	27/08/2016	200126	41	N	2200		25.2	-10.1	-6.6	67	91	3.45			-10.1	-6.6		398933.22	6907527.66	1071.00
8042728	27/08/2016	200202	41	N	2212.5		25.2	-4.4	-5.6	80	96	3.79			-4.4	-5.6		398941.03	6907538.57	1069.00
8042728	27/08/2016	200230	41	N	2225		25.2	-5.3	-5.9	75	105	3.93			-5.3	-5.9		398947.86	6907545.59	1067.00
8042728	27/08/2016	200302	41	N	2237.5		25.2	-9.7	-10	67	107	3.82			-9.7	-10		398955.84	6907556.62	1065.00
8042728	27/08/2016	200334	41	N	2250		25.2	-13	-11.3	85	97	3.92			-13	-11.3		398963.03	6907566.41	1063.00
8042728	27/08/2016	200402	41	N	2262.5		25.2	-14.8	-14.3	64	102	3.65			-14.8	-14.3		398969.69	6907576.26	1059.00
8042728	27/08/2016	200434	41	N	2275		25.2	-16.2	-14	74	104	3.88			-16.2	-14		398976.44	6907585.03	1056.00
8042728	27/08/2016	200506	41	N	2287.5		25.2	-17.1	-15.2	62	105	3.69			-17.1	-15.2		398982.44	6907594.71	1054.00
8042728	27/08/2016	200546	41	N	2300		25.2	-19.4	-15.7	61	100	3.57			-19.4	-15.7		398990.76	6907605.73	1051.00
8042728	27/08/2016	200618	41	N	2312.5		25.2	-22.2	-19	57	100	3.49			-22.2	-19		398996.59	6907614.87	1047.00
8042728	27/08/2016	200706	41	N	2325		25.2	-21.6	-19.3	54	102	3.52			-21.6	-19.3		399002.49	6907624.22	1042.00
8042728	27/08/2016	200746	41	N	2337.5		25.2	-24.8	-17.5	51	101	3.45			-24.8	-17.5		399008.45	6907634.23	1037.00
8042728	27/08/2016	200818	41	N	2350		25.2	-26.7	-18.6	60	97	3.46			-26.7	-18.6		399016.29	6907644.20	1032.00
8042728	27/08/2016	200834	41	N	2350		25.2	-28	-18.6	62	92	3.37	2					399016.30	6907644.32	1032.00
8042728	27/08/2016	200850	41	N	2350		25.2	-26.5	-19	67	92	3.45	1					399016.48	6907644.41	1032.00
1124844	27/08/2016	173714	43	N	0		25.2	-8.4	1.6	34	60	4.22	1					397850.8	6905642.38	1216
1124844	27/08/2016	173658	43	N	0		25.2	-6.8	1	36	60	4.27			-6.8	1		397850.9	6905642.31	1216
1124844	27/08/2016	173638	43	N	0		25.2	-6.4	0.4	31	61	4.17	2					397851.14	6905642.03	1216
1124844	27/08/2016	173910	43	N	12.5		25.2	1.2	2.4	20	67	4.24			1.2	2.4		397858.52	6905652.94	1217
1124844	27/08/2016	173946	43	N	25		25.2	4.8	2	26	60	3.97			4.8	2		397864.97	6905664.19	1218
1124844	27/08/2016	174026	43	N	37.5		25.2	3.1	3.3	27	53	3.65			3.1	3.3		397872.44	6905672.9	1219
1124844	27/08/2016	174106	43	N	50		25.2	3	0.8	25	56	3.77			3	0.8		397880.43	6905682.16	1221
1124844	27/08/2016	174150	43	N	62.5		25.2	3.5	1.4	21	57	3.7			3.5	1.4		397888.06	6905693.07	1221
1124844	27/08/2016	174226	43	N	75		25.2	9.9	3.5	29	58	3.95			9.9	3.5		397894.43	6905704.45	1223
1124844	27/08/2016	174310	43	N	87.5		25.2	14.9	5.3	23	58	3.83			14.9	5.3		397901.97	6905713.19	1225
1124844	27/08/2016	174406	43	N	100		25.2	16	10.5	23	60	3.9			16	10.5		397909.05	6905724.05	1226
1124844	27/08/2016	174346	43	N	100		25.2	20.2	9.3	17	60	3.79	1					397908.74	6905723.88	1226
1124844	27/08/2016	174446	43	N	112.5		25.2	15	8.4	23	58	3.78			15	8.4		397917.13	6905733.88	1227
1124844	27/08/2016	174534	43	N	125		25.2	25.2	11.2	23	53	3.51			25.2	11.2		397925.35	6905744.2	1229
1124844	27/08/2016	174614	43	N	137.5		25.2	22.9	12.5	23	53	3.51			22.9	12.5		397928.69	6905755	1231
1124844	27/08/2016	174650	43	N	150		25.2	15.8	10.6	24	47	3.23			15.8	10.6		397936.96	6905764.69	1233
1124844	27/08/2016	174738	43	N	162.5		25.2	8.8	9.1	62	93	3.41			8.8	9.1		397944.67	6905774.72	1235
1124844	27/08/2016	174818	43	N	175		25.2	6.6	9.4	50	89	3.09			6.6	9.4		397952.98	6905783.26	1236
1124844	27/08/2016	174910	43	N	187.5		25.2	0	8	56	88	3.18			0	8		397959.55	6905793.74	1238
1124844	27/08/2016	174950	43	N	200		25.2	-1.9	8.1	58	92	3.32			-1.9	8.1		397966.49	6905803.12	1239
1124844	27/08/2016	175026	43	N	212.5		25.2	-7.5	12.5	35	96	3.1			-7.5	12.5		397973.49	6905812.94	1241
1124844	27/08/2016	175118	43	N	225		25.2	-11.2	8.6	42	93	3.11			-11.2	8.6		397982.66	6905822.86	1242
1124844	27/08/2016	175350	43	N	237.5		25.2	-20	6.8	51	95	3.28			-20	6.8		397990.71	6905831.26	1243
1124844	27/08/2016	175438	43	N	250		25.2	-18.8	5.2	74	92	3.59			-18.8	5.2		397997.98	6905842.24	1244
1124844	27/08/2016	175530	43	N	262.5		25.2	-26.7	1.9	66	96	3.54			-26.7	1.9		398006.05	6905852.75	1246
1124844	27/08/2016	175626	43	N	275		25.2	-35.9	0.3	52	97	3.36			-35.9	0.3		398010.02	6905864.2	1249
1124844	27/08/2016	175610	43	N	275		25.2	-35.8	0.5	48	97	3.29	1					398010.12	6905864.16	1249
1124844	27/08/2016	175706	43	N	287.5		25.2	-43.5	-2.5	42	97	3.22	1					398016.99	6905875.92	1250
1124844	27/08/2016	1826	43	N	287.5		25.2	-44.1	-3.4	60	98	3.5			-44.1	-3.4		398017.51	6905878.49	1250
1124844	27/08/2016	175750	43	N	300		25.2	-48.9	-1	32	98	3.12	1					398022.53	6905886.01	1252
1124844	27/08/2016	1902	43	N	300		25.2	-48.1	-0.7	62	99	3.55			-48.1	-0.7		398024.1	6905888.88	1251
1124844	27/08/2016	175826	43	N	312.5		25.2	-54.2	-5.2	46	98	3.28	1					398030.48	6905896.44	1253
1124844	27/08/2016	1938	43	N	312.5		25.2	-53.5	-5.1	56	99	3.45			-53.5	-5.1		398032.18	6905898.76	1253
1124844	27/08/2016	175910	43	N	325		25.2	-21	4	46	98	3.29	1					398037.77	6905908.33	1255
1124844	27/08/2016	2014	43	N	325		25.2	-21.2	5.1	67	99	3.62			-21.2	5.1		398038.38	6905908.8	1254

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	175958	43	N	337.5	Near Truck, could have influence.	25.2	-13.4	3.2	54	98	3.4	1					398046.25	6905917.64	1256
1124844	27/08/2016	2050	43	N	337.5		25.2	-14.5	2.3	88	98	4.02			-14.5	2.3		398046.2	6905918.88	1254
1124844	27/08/2016	180254	43	N	350		25.2	-25	-5.1	56	98	3.43	1					398052.52	6905929.86	1258
1124844	27/08/2016	2130	43	N	350		25.2	-25.6	-5.4	72	99	3.71			-25.6	-5.4		398052.47	6905929.92	1257
1124844	27/08/2016	180402	43	N	362.5		25.2	-31.9	-15.4	41	98	3.22	1					398058.34	6905938.26	1261
1124844	27/08/2016	2214	43	N	362.5		25.2	-29.2	-12.2	84	98	3.93			-29.2	-12.2		398059.48	6905938.76	1260
1124844	27/08/2016	180454	43	N	375		25.2	-40.2	-21.7	52	98	3.38	1					398065.88	6905948.93	1263
1124844	27/08/2016	2306	43	N	375		25.2	-37.5	-18.4	83	98	3.9			-37.5	-18.4		398066.34	6905948.71	1262
1124844	27/08/2016	180642	43	N	387.5		25.2	-37.3	-19.1	88	98	3.99			-37.3	-19.1		398075.04	6905960.99	1265
1124844	27/08/2016	2354	43	N	387.5		25.2	-38.3	-21.6	79	99	3.85	1					398073.98	6905957.98	1264
1124844	27/08/2016	180726	43	N	400		25.2	-46.9	-21.4	31	98	3.12			-46.9	-21.4		398079.71	6905969.55	1266
1124844	27/08/2016	180814	43	N	412.5		25.2	-34.3	-20.4	26	98	3.08			-34.3	-20.4		398086.19	6905979.87	1268
1124844	27/08/2016	180934	43	N	425		25.2	-12.8	-14	90	98	4.04	1					398094.19	6905990.42	1270
1124844	27/08/2016	180914	43	N	425		25.2	-10.6	-14	95	99	4.15			-10.6	-14	best signal;	398094.33	6905990.34	1269
1124844	27/08/2016	180854	43	N	425		25.2	-12	-12.5	81	98	3.86	2					398094.44	6905989.9	1269
1124844	27/08/2016	181026	43	N	437.5		25.2	-1	-12.2	93	99	4.14			-1	-12.2		398103.16	6905999.81	1271
1124844	27/08/2016	181226	43	N	450	Points Drift off to the East	25.2	-16.2	-19.4	31	98	3.12	2					398118.65	6906003.1	1272
1124844	27/08/2016	181158	43	N	450	Points Drift off to the East	25.2	-2.2	-16.5	99	95	4.18	2					398115.77	6906005.81	1272
1124844	27/08/2016	181134	43	N	450	Points Drift off to the East	25.2	1.6	-18.7	85	98	3.95			1.6	-18.7	best data fit	398112.42	6906008.4	1272
1124844	27/08/2016	181102	43	N	450	Points Drift off to the East	25.2	1.3	-18.1	81	98	3.86	1					398110.74	6906009.62	1272
1124844	27/08/2016	181702	43	N	462.5		25.2	9.4	-16.3	73	98	3.71			9.4	-16.3		398116.24	6906021.33	1274
1124844	27/08/2016	181742	43	N	475		25.2	17.9	-18.6	51	98	3.36			17.9	-18.6		398124.14	6906032.12	1275
1124844	27/08/2016	181818	43	N	487.5		25.2	29.9	-18.4	68	98	3.62			29.9	-18.4		398130.64	6906042.46	1276.00
1124844	27/08/2016	181906	43	N	500		25.2	53.8	-10.4	57	98	3.44			53.8	-10.4		398138.17	6906053.76	1276.00
1124844	27/08/2016	181942	43	N	512.5		25.2	51.7	-11.3	63	98	3.53			51.7	-11.3		398146.10	6906064.39	1275.00
1124844	27/08/2016	182014	43	N	525		25.2	56	-12.9	60	98	3.49			56	-12.9		398153.09	6906075.45	1274.00
1124844	27/08/2016	182118	43	N	537.5		25.2	55.7	-11.9	55	98	3.41			55.7	-11.9		398159.04	6906086.00	1273.00
1124844	27/08/2016	182058	43	N	537.5		25.2	59.4	-12	49	98	3.33	1					398158.58	6906086.22	1273.00
1124844	27/08/2016	182150	43	N	550		25.2	54.3	-7.3	68	97	3.59			54.3	-7.3		398167.24	6906097.26	1271.00
1124844	27/08/2016	182222	43	N	562.5		25.2	51.2	-11.4	59	97	3.46			51.2	-11.4		398175.14	6906107.87	1270.00
1124844	27/08/2016	182258	43	N	575		25.2	48.5	-13.8	48	97	3.29			48.5	-13.8		398183.62	6906116.94	1268.00
1124844	27/08/2016	182350	43	N	587.5		25.2	36.1	-14.2	52	98	3.38	1					398190.65	6906126.64	1265.00
1124844	27/08/2016	182330	43	N	587.5		25.2	41.2	-16.8	60	96	3.43			41.2	-16.8		398190.75	6906126.77	1265.00
1124844	27/08/2016	182422	43	N	600		25.2	41.4	-17	46	97	3.26			41.4	-17		398197.19	6906137.70	1263.00
1124844	27/08/2016	182454	43	N	612.5		25.2	40.4	-16	45	98	3.27			40.4	-16		398204.66	6906148.09	1259.00
1124844	27/08/2016	182522	43	N	625		25.2	41.9	-13.1	48	97	3.29			41.9	-13.1		398211.71	6906158.81	1256.00
1124844	27/08/2016	182550	43	N	637.5		25.2	43.4	-12.4	39	97	3.19			43.4	-12.4		398219.57	6906166.13	1253.00
1124844	27/08/2016	182634	43	N	650		25.2	35.8	-13.8	60	95	3.42			35.8	-13.8		398226.50	6906177.46	1250.00
1124844	27/08/2016	182710	43	N	662.5		25.2	31.1	-16.1	45	94	3.19			31.1	-16.1		398233.38	6906184.83	1248.00
1124844	27/08/2016	182742	43	N	675		25.2	33	-12.8	36	98	3.17			33	-12.8		398241.21	6906193.91	1244.00
1124844	27/08/2016	182818	43	N	687.5		25.2	28	-9.8	56	96	3.37			28	-9.8		398250.42	6906204.08	1241.00
1124844	27/08/2016	183258	43	N	700		25.2	26.9	-8.8	68	96	3.59	1					398257.42	6906216.39	1237.00
1124844	27/08/2016	183238	43	N	700		25.2	28.4	-10	65	96	3.51			28.4	-10	Better data fit	398257.51	6906216.21	1237.00
1124844	27/08/2016	183326	43	N	712.5		25.2	30.4	-9.2	53	96	3.34			30.4	-9.2		398263.65	6906224.33	1235.00
1124844	27/08/2016	183354	43	N	725		25.2	27.5	-7.6	61	97	3.48			27.5	-7.6		398269.64	6906233.76	1233.00
1124844	27/08/2016	183422	43	N	737.5		25.2	21.9	-8.6	55	96	3.35			21.9	-8.6		398277.29	6906244.28	1229.00
1124844	27/08/2016	183454	43	N	750		25.2	22.7	-8.6	53	95	3.31			22.7	-8.6		398285.29	6906254.37	1226.00
1124844	27/08/2016	183526	43	N	762.5		25.2	18.9	-8.1	53	97	3.35			18.9	-8.1		398291.85	6906262.82	1223.00
1124844	27/08/2016	183558	43	N	775		25.2	17.6	-7.3	59	95	3.38			17.6	-7.3		398298.87	6906273.81	1221.00
1124844	27/08/2016	183626	43	N	787.5		25.2	17.4	-5.4	49	98	3.32			17.4	-5.4		398305.14	6906281.63	1218.00
1124844	27/08/2016	183658	43	N	800		25.2	17.4	-4.9	74	92	3.58			17.4	-4.9		398313.48	6906290.95	1215.00
1124844	27/08/2016	183730	43	N	812.5		25.2	20	-1.5	71	96	3.64			20	-1.5		398321.62	6906301.74	1211.00
1124844	27/08/2016	183802	43	N	825		25.2	24	0.7	75	90	3.57			24	0.7		398329.97	6906312.61	1208.00
1124844	27/08/2016	183834	43	N	837.5		25.2	23.9	4	59	96	3.43			23.9	4		398337.17	6906322.66	1204.00
1124844	27/08/2016	183922	43	N	850		25.2	28.4	6.5	71	95	3.6			28.4	6.5		398343.26	6906331.66	1202.00
1124844	27/08/2016	183906	43	N	850		25.2	31	7.4	62	95	3.45			31	7.4		398343.21	6906331.81	1202.00
1124844	27/08/2016	183950	43	N	862.5		25.2	34.5	12.2	53	98	3.38			34.5	12.2		398349.28	6906341.64	1199.00
1124844	27/08/2016	184026	43	N	875		25.2	36.4	13.4	57	96	3.39			36.4	13.4		398356.82	6906353.59	1196.00
1124844	27/08/2016	184058	43	N	887.5		25.2	34.2	18.5	59	95	3.39			34.2	18.5		398363.56	6906362.84	1193.00
1124844	27/08/2016	184130	43	N	900		25.2	31.7	21.2	66	91	3.43			31.7	21.2		398370.81	6906372.08	1190.00
1124844	27/08/2016	184218	43	N	912.5		25.2	34	21.5	43	96	3.19			34	21.5		398377.16	6906383.00	1187.00
1124844	27/08/2016	184334	43	N	925		25.2	28.9	26.6	69	74	3.07			28.9	26.6		398384.02	6906393.78	1184.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	184406	43	N	937.5		25.2	26.3	25.5	59	83	3.1			26.3	25.5		398390.11	6906402.32	1181.00
1124844	27/08/2016	184446	43	N	950		25.2	13.2	19.2	91	66	3.41			13.2	19.2		398398.33	6906413.19	1176.00
1124844	27/08/2016	184546	43	N	962.5		25.2	11.7	17.6	65	81	3.16	1					398403.26	6906421.91	1174.00
1124844	27/08/2016	184518	43	N	962.5		25.2	9.2	16.7	71	76	3.17			9.2	16.7		398403.58	6906422.13	1173.00
1124844	27/08/2016	184618	43	N	975		25.2	9.1	18	64	81	3.14			9.1	18		398410.91	6906432.28	1169.00
1124844	27/08/2016	184654	43	N	987.5		25.2	3.4	13.9	82	81	3.51			3.4	13.9		398417.53	6906442.36	1165.00
1124844	27/08/2016	184726	43	N	1000		25.2	2	12.1	67	84	3.26			2	12.1		398423.27	6906451.14	1162.00
1124844	27/08/2016	184838	43	N	1012.5		25.2	-1.6	10.1	72	83	3.34			-1.6	10.1		398430.98	6906460.52	1158.00
1124844	27/08/2016	184810	43	N	1012.5		25.2	-0.3	11.2	60	91	3.31	1					398431.70	6906460.00	1157.00
1124844	27/08/2016	184934	43	N	1025		25.2	-4.8	10.4	55	95	3.34			-4.8	10.4		398438.62	6906470.21	1153.00
1124844	27/08/2016	184918	43	N	1025		25.2	-4.9	12.8	47	96	3.25	1					398438.94	6906470.23	1153.00
1124844	27/08/2016	185058	43	N	1037.5		25.2	-4.4	7.3	75	96	3.69			-4.4	7.3		398444.36	6906481.03	1149.00
1124844	27/08/2016	185038	43	N	1037.5		25.2	-6.1	8.4	63	96	3.48	2					398443.97	6906481.36	1148.00
1124844	27/08/2016	185014	43	N	1037.5		25.2	-5.7	7.8	76	95	3.69	1					398444.13	6906481.63	1148.00
1124844	27/08/2016	185138	43	N	1050		25.2	-8.5	5.2	65	96	3.52			-8.5	5.2		398450.06	6906490.77	1144.00
1124844	27/08/2016	185214	43	N	1062.5		25.2	-8.1	5.2	59	98	3.47			-8.1	5.2		398455.64	6906501.51	1140.00
1124844	27/08/2016	185250	43	N	1075		25.2	-5.9	5.4	83	98	3.9			-5.9	5.4		398462.55	6906512.18	1137.00
1124844	27/08/2016	185322	43	N	1087.5		25.2	11.3	6	51	98	3.36			11.3	6		398470.39	6906520.61	1134.00
1124844	27/08/2016	185402	43	N	1100		25.2	27.1	7.3	83	98	3.9			27.1	7.3		398476.81	6906530.93	1130.00
1124844	27/08/2016	185518	43	N	1112.5		25.2	38.7	13.2	70	98	3.66			38.7	13.2		398481.19	6906540.99	1129.00
1124844	27/08/2016	185458	43	N	1112.5		25.2	41	12.1	63	98	3.55	1					398481.17	6906540.92	1129.00
1124844	27/08/2016	185434	43	N	1112.5		25.2	42.4	10.7	60	98	3.49	2					398481.22	6906540.67	1129.00
1124844	27/08/2016	185558	43	N	1125		25.2	54.5	12.3	59	97	3.44			54.5	12.3		398491.76	6906549.74	1125.00
1124844	27/08/2016	185658	43	N	1137.5		25.2	46.6	12.1	65	88	3.33	1					398498.20	6906560.06	1122.00
1124844	27/08/2016	185638	43	N	1137.5		25.2	49.8	11.1	63	91	3.36			49.8	11.1		398499.19	6906559.04	1121.00
1124844	27/08/2016	185730	43	N	1150		25.2	40.8	11.4	63	88	3.3			40.8	11.4		398507.96	6906568.44	1120.00
1124844	27/08/2016	185806	43	N	1162.5		25.2	41	7.3	59	86	3.17			41	7.3		398513.18	6906578.00	1118.00
1124844	27/08/2016	185838	43	N	1175		25.2	31.1	4.1	71	85	3.38			31.1	4.1		398519.35	6906589.03	1114.00
1124844	27/08/2016	185946	43	N	1187.5		25.2	25.3	-0.3	74	85	3.43			25.3	-0.3		398527.04	6906599.14	1110.00
1124844	27/08/2016	190054	43	N	1200		25.2	22.3	-0.7	79	89	3.61			22.3	-0.7		398533.81	6906608.47	1109.00
1124844	27/08/2016	190038	43	N	1200		25.2	23.7	-0.6	67	93	3.47	1					398533.84	6906608.45	1108.00
1124844	27/08/2016	190018	43	N	1200		25.2	24.3	0	55	89	3.19	2					398533.96	6906608.37	1108.00
1124844	27/08/2016	190126	43	N	1212.5		25.2	22.7	-3	46	94	3.18			22.7	-3		398541.75	6906618.60	1105.00
1124844	27/08/2016	190226	43	N	1225		25.2	32.9	2.3	61	96	3.45			32.9	2.3		398548.83	6906630.20	1104.00
1124844	27/08/2016	190254	43	N	1237.5		25.2	42.7	5.4	46	94	3.19			42.7	5.4		398555.31	6906638.05	1101.00
1124844	27/08/2016	190326	43	N	1250		25.2	43.4	5.7	54	88	3.14			43.4	5.7		398562.31	6906648.39	1098.00
1124844	27/08/2016	190418	43	N	1262.5		25.2	42.6	6.2	53	92	3.22			42.6	6.2	bettersignal	398567.22	6906658.07	1094.00
1124844	27/08/2016	190358	43	N	1262.5		25.2	43.2	5.4	48	88	3.05	1					398566.90	6906658.49	1095.00
1124844	27/08/2016	190514	43	N	1275		25.2	42.6	3.7	58	83	3.07			42.6	3.7		398574.46	6906669.71	1090.00
1124844	27/08/2016	190454	43	N	1275		25.2	44.6	4.2	61	77	2.99			44.6	4.2		398574.47	6906668.96	1089.00
1124844	27/08/2016	190546	43	N	1287.5		25.2	46.3	6.2	60	81	3.07			46.3	6.2		398581.02	6906679.92	1087.00
1124844	27/08/2016	190622	43	N	1300		25.2	43.7	6.6	51	78	2.83			43.7	6.6		398588.01	6906689.33	1083.00
1124844	27/08/2016	190730	43	N	1312.5		25.2	38.1	4.7	47	80	2.82	1					398596.19	6906698.37	1081.00
1124844	27/08/2016	190658	43	N	1312.5		25.2	37.2	3.3	67	71	2.95			37.2	3.3	bettersignal	398596.33	6906698.44	1081.00
1124844	27/08/2016	190802	43	N	1325		25.2	32.1	0.9	44	79	2.74			32.1	0.9		398602.73	6906708.20	1077.00
1124844	27/08/2016	190902	43	N	1337.5		25.2	28.3	-2.4	53	72	2.71	1					398609.79	6906717.59	1074.00
1124844	27/08/2016	190838	43	N	1337.5		25.2	27.5	-2.2	51	76	2.79			27.5	-2.2	bettersignal	398609.75	6906717.63	1074.00
1124844	27/08/2016	191018	43	N	1350		25.2	20.7	-0.1	56	77	2.9			20.7	-0.1	bettersignal	398617.84	6906727.31	1069.00
1124844	27/08/2016	190958	43	N	1350		25.2	19.7	0.2	49	76	2.74	2					398617.89	6906726.97	1070.00
1124844	27/08/2016	190938	43	N	1350		25.2	20.6	0.4	49	81	2.88	1					398617.92	6906726.77	1070.00
1124844	27/08/2016	191054	43	N	1362.5		25.2	15.6	-2.6	44	76	2.67			15.6	-2.6		398624.47	6906738.24	1064.00
1124844	27/08/2016	191126	43	N	1375		25.2	16.8	0.6	54	76	2.83			16.8	0.6		398629.51	6906747.70	1062.00
1124844	27/08/2016	191158	43	N	1387.5		25.2	19.2	2	57	77	2.91			19.2	2		398637.04	6906758.48	1061.00
1124844	27/08/2016	191234	43	N	1400		25.2	16.2	2.7	56	83	3.04			16.2	2.7		398644.06	6906767.24	1059.00
1124844	27/08/2016	191642	43	N	1412.5		25.2	9.8	0.1	68	79	3.18			9.8	0.1		398650.91	6906778.83	1057.00
1124844	27/08/2016	191718	43	N	1425		25.2	6.6	0.8	49	94	3.22			6.6	0.8		398658.85	6906790.13	1055.00
1124844	27/08/2016	191806	43	N	1437.5		25.2	8.6	0.5	60	94	3.39			8.6	0.5		398664.60	6906797.41	1051.00
1124844	27/08/2016	191750	43	N	1437.5		25.2	8	1.5	49	97	3.29	1					398664.45	6906798.13	1053.00
1124844	27/08/2016	191934	43	N	1450		25.2	21.4	2.9	74	94	3.64			21.4	2.9		398671.67	6906808.61	1050.00
1124844	27/08/2016	191842	43	N	1450		25.2	21.7	3.2	76	93	3.66			21.7	3.2		398671.83	6906808.37	1050.00
1124844	27/08/2016	192014	43	N	1462.5		25.2	42.4	11	48	93	3.19			42.4	11		398679.20	6906818.58	1047.00
1124844	27/08/2016	192058	43	N	1475		25.2	45.8	11.1	58	83	3.07			45.8	11.1		398688.24	6906827.96	1045.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	27/08/2016	192138	43	N	1487.5		25.2	48.4	9.7	46	80	2.81			48.4	9.7		398695.88	6906836.22	1041.00
1124844	27/08/2016	192222	43	N	1500		25.2	45.9	10.1	10	82	2.52			45.9	10.1		398702.80	6906845.00	1038.00
1124844	27/08/2016	192318	43	N	1512.5		25.2	44.9	4.6	42	71	2.52			44.9	4.6		398710.96	6906855.80	1036.00
1124844	27/08/2016	192434	43	N	1525		25.2	29	6.1	5	78	2.36			29	6.1		398717.32	6906866.68	1035.00
1124844	27/08/2016	192526	43	N	1537.5		25.2	33.8	1.5	37	64	2.25			33.8	1.5		398721.57	6906878.65	1034.00
1124844	27/08/2016	192646	43	N	1550		25.2	24.5	-0.2	40	67	2.38			24.5	-0.2		398725.91	6906888.21	1032.00
1124844	27/08/2016	192722	43	N	1562.5		25.2	17.5	-0.3	44	65	2.38			17.5	-0.3		398732.10	6906897.50	1031.00
1124844	27/08/2016	192758	43	N	1575		25.2	5.5	-4.5	44	63	2.34			5.5	-4.5		398739.73	6906907.27	1029.00
1124844	27/08/2016	192838	43	N	1587.5		25.2	-1.7	-10.4	36	64	2.24			-1.7	-10.4		398748.39	6906916.67	1025.00
1124844	27/08/2016	192914	43	N	1600		25.2	-10.2	-15.2	32	64	2.19			-10.2	-15.2		398755.39	6906927.09	1022.00
1124844	27/08/2016	193046	43	N	1612.5		25.2	-19.4	-13.9	36	72	2.45			-19.4	-13.9		398764.25	6906934.71	1020.00
1124844	27/08/2016	193202	43	N	1625		25.2	-17.2	-12.5	40	72	2.51			-17.2	-12.5		398770.71	6906943.50	1025.00
1124844	27/08/2016	193338	43	N	1637.5		25.2	-20.6	-19.2	47	75	2.69			-20.6	-19.2		398776.94	6906954.03	1030.00
1124844	27/08/2016	193426	43	N	1650		25.2	-19.5	-14.3	17	90	2.8			-19.5	-14.3		398780.86	6906964.43	1034.00
1124844	27/08/2016	193514	43	N	1662.5		25.2	-15.5	-16.1	38	85	2.83			-15.5	-16.1		398787.14	6906975.44	1038.00
1124844	27/08/2016	193642	43	N	1675		25.2	-16	-15.6	26	93	2.94			-16	-15.6		398794.11	6906983.20	1039.00
1124844	27/08/2016	193814	43	N	1687.5		25.2	-11.5	-17.3	27	98	3.08			-11.5	-17.3		398803.07	6906993.66	1036.00
1124844	27/08/2016	193850	43	N	1700		25.2	6.9	-13	32	97	3.12			6.9	-13		398808.72	6907003.84	1035.00
1124844	27/08/2016	193950	43	N	1712.5	Close to next station. Possible GPS issue	25.2	16.7	-14	18	95	2.95			16.7	-14		398815.82	6907020.39	1041.00
1124844	27/08/2016	194034	43	N	1725		25.2	19.9	-17.7	28	90	2.86			19.9	-17.7		398821.72	6907024.18	1041.00
1124844	27/08/2016	194118	43	N	1737.5		25.2	18.9	-17.1	61	73	2.89			18.9	-17.1		398828.40	6907033.69	1043.00
1124844	27/08/2016	194214	43	N	1750		25.2	13	-15.9	37	85	2.83			13	-15.9		398835.63	6907043.62	1050.00
1124844	27/08/2016	194318	43	N	1762.5		25.2	12.2	-17.5	40	79	2.7			12.2	-17.5		398842.79	6907052.58	1051.00
1124844	27/08/2016	194358	43	N	1775		25.2	9.3	-17.9	32	83	2.7			9.3	-17.9		398850.76	6907065.15	1054.00
1124844	27/08/2016	194430	43	N	1787.5		25.2	7.6	-16.3	42	80	2.75			7.6	-16.3		398857.65	6907074.81	1055.00
1124844	27/08/2016	194510	43	N	1800		25.2	3.7	-13.8	28	86	2.75			3.7	-13.8		398864.22	6907083.90	1055.00
1124844	27/08/2016	194542	43	N	1812.5		25.2	5.9	-11.8	32	83	2.7			5.9	-11.8		398873.04	6907093.81	1058.00
1124844	27/08/2016	194614	43	N	1825		25.2	-0.2	-12.3	42	80	2.75			-0.2	-12.3		398881.48	6907103.07	1057.00
1124844	27/08/2016	194650	43	N	1837.5		25.2	-5.9	-15.4	57	70	2.75			-5.9	-15.4		398890.06	6907112.84	1059.00
1124844	27/08/2016	194726	43	N	1850		25.2	-8.6	-13	45	85	2.93			-8.6	-13		398895.71	6907123.46	1059.00
1124844	27/08/2016	194814	43	N	1862.5		25.2	-6.3	-10.8	52	74	2.76			-6.3	-10.8		398901.63	6907135.61	1058.00
1124844	27/08/2016	194850	43	N	1875		25.2	-10.8	-10.9	45	86	2.96			-10.8	-10.9		398910.21	6907144.39	1057.00
1124844	27/08/2016	195050	43	N	1887.5		25.2	-12.8	-9	30	90	2.89			-12.8	-9		398917.54	6907152.19	1056.00
1124844	27/08/2016	195126	43	N	1900		25.2	-17.7	-7.2	34	90	2.93			-17.7	-7.2		398922.00	6907165.84	1060.00
1124844	27/08/2016	195158	43	N	1912.5		25.2	-12.7	-6	44	90	3.05			-12.7	-6		398930.52	6907176.55	1061.00
1124844	27/08/2016	195238	43	N	1925		25.2	-7.4	-4.1	50	82	2.93			-7.4	-4.1		398939.39	6907186.87	1060.00
1124844	27/08/2016	195310	43	N	1937.5		25.2	-11.6	-4.6	31	95	3.04			-11.6	-4.6		398942.81	6907194.74	1060.00
1124844	27/08/2016	195342	43	N	1950		25.2	-24.6	-8.5	20	95	2.96			-24.6	-8.5		398947.50	6907207.89	1061.00
1124844	27/08/2016	195418	43	N	1962.5		25.2	-25.2	-12	43	96	3.21			-25.2	-12		398958.19	6907215.69	1060.00
1124844	27/08/2016	195450	43	N	1975		25.2	-9.5	-3.6	42	97	3.23			-9.5	-3.6		398965.06	6907225.51	1062.00
1124844	27/08/2016	195526	43	N	1987.5		25.2	0.7	-0.5	67	96	3.56			0.7	-0.5		398972.62	6907235.64	1063.00
1124844	27/08/2016	195602	43	N	2000		25.2	9.1	4.3	60	97	3.48			9.1	4.3		398979.09	6907244.56	1064.00
1124844	27/08/2016	195634	43	N	2012.5		25.2	14.8	4.1	65	84	3.24			14.8	4.1		398989.30	6907253.67	1064.00
1124844	27/08/2016	195718	43	N	2025		25.2	10.7	2.9	22	96	3			10.7	2.9		398993.91	6907263.32	1061.00
1124844	27/08/2016	195750	43	N	2037.5		25.2	5.8	0.1	26	96	3.04			5.8	0.1		398998.85	6907272.82	1060.00
1124844	27/08/2016	195822	43	N	2050		25.2	2.5	-1.9	15	97	2.99			2.5	-1.9		399004.73	6907285.44	1061.00
1124844	27/08/2016	195902	43	N	2062.5		25.2	1.5	-2.6	45	97	3.26			1.5	-2.6		399011.31	6907297.08	1061.00
1124844	27/08/2016	195942	43	N	2075		25.2	-2.3	-5.9	60	89	3.27			-2.3	-5.9		399023.21	6907304.00	1058.00
1124844	27/08/2016	200022	43	N	2087.5		25.2	-6.7	-6	36	98	3.17			-6.7	-6		399030.60	6907316.61	1059.00
1124844	27/08/2016	200102	43	N	2100		25.2	-5.5	-5.3	40	98	3.22			-5.5	-5.3		399037.86	6907327.02	1058.00
1124844	27/08/2016	200134	43	N	2112.5		25.2	8.8	0.4	56	94	3.34			8.8	0.4		399042.87	6907336.08	1059.00
1124844	27/08/2016	200210	43	N	2125		25.2	8.5	3.7	51	96	3.3			8.5	3.7		399049.20	6907348.76	1059.00
1124844	27/08/2016	200246	43	N	2137.5		25.2	3.8	1	60	94	3.37			3.8	1		399055.78	6907356.04	1059.00
1124844	27/08/2016	200322	43	N	2150		25.2	-1	-1.9	52	95	3.28			-1	-1.9		399065.87	6907365.71	1059.00
1124844	27/08/2016	200354	43	N	2162.5		25.2	-2.1	-1.4	59	94	3.38			-2.1	-1.4		399074.12	6907374.91	1058.00
1124844	27/08/2016	200430	43	N	2175		25.2	1.8	-0.7	48	96	3.27			1.8	-0.7		399080.73	6907386.28	1057.00
1124844	27/08/2016	200510	43	N	2187.5		25.2	6.1	1.8	65	92	3.42			6.1	1.8		399088.92	6907396.39	1057.00
1124844	27/08/2016	200550	43	N	2200		25.2	4.3	-0.8	48	97	3.29			4.3	-0.8		399097.80	6907407.36	1056.00
1124844	27/08/2016	200622	43	N	2212.5		25.2	7	0.1	49	97	3.31			7	0.1		399101.76	6907418.05	1054.00
1124844	27/08/2016	200702	43	N	2225		25.2	11.8	1.5	51	97	3.32			11.8	1.5		399107.61	6907427.91	1052.00
1124844	27/08/2016	200734	43	N	2237.5		25.2	15.5	0	49	98	3.32			15.5	0		399114.23	6907439.09	1051.00
1124844	27/08/2016	200806	43	N	2250		25.2	19.1	-0.2	60	97	3.48			19.1	-0.2		399120.35	6907449.79	1049.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	200838	43	N	2262.5		25.2	22.4	-1.1	45	98	3.28			22.4	-1.1		399127.46	6907460.53	1046.00
1124844	27/08/2016	200918	43	N	2275		25.2	26.8	-1.3	40	98	3.22			26.8	-1.3		399136.95	6907468.96	1046.00
1124844	27/08/2016	201010	43	N	2287.5		25.2	34.9	-0.3	58	96	3.41			34.9	-0.3		399145.06	6907478.43	1044.00
1124844	27/08/2016	201106	43	N	2300		25.2	35.3	2.7	53	97	3.37			35.3	2.7		399154.55	6907488.55	1041.00
1124844	27/08/2016	201134	43	N	2312.5		25.2	45.9	2.1	56	88	3.16			45.9	2.1		399158.16	6907495.16	1038.00
1124844	27/08/2016	201206	43	N	2325		25.2	48.1	4.1	31	96	3.06			48.1	4.1		399163.26	6907508.66	1037.00
1124844	27/08/2016	201302	43	N	2337.5		25.2	47.5	4	35	91	2.96			47.5	4		399172.00	6907518.35	1035.00
1124844	27/08/2016	201358	43	N	2350		25.2	44.8	4.8	65	70	2.91			44.8	4.8		399182.21	6907530.96	1031.00
1124844	27/08/2016	201514	43	N	2362.5		25.2	42.2	3.9	61	73	2.89			42.2	3.9		399191.36	6907542.31	1028.00
1124844	27/08/2016	201446	43	N	2362.5		25.2	42.3	4.5	56	71	2.75	1					399190.29	6907541.20	1028.00
1124844	27/08/2016	235534	45	N	0		25.2	-7.7	8.9	68	91	3.46			-7.7	8.9		398013	6905529.37	1243
1124844	27/08/2016	235458	45	N	12.5		25.2	-8.6	7.8	58	97	3.43			-8.6	7.8		398022.62	6905539.05	1243
1124844	27/08/2016	235426	45	N	25		25.2	-13.6	8.7	64	97	3.52			-13.6	8.7		398030.03	6905548.77	1243
1124844	27/08/2016	235350	45	N	37.5		25.2	-16.7	8.9	40	99	3.24			-16.7	8.9		398038.33	6905559.26	1241
1124844	27/08/2016	235318	45	N	50		25.2	-16.1	9.6	63	97	3.51			-16.1	9.6		398044.93	6905568.66	1241
1124844	27/08/2016	235250	45	N	62.5		25.2	-12.1	13.7	71	98	3.67			-12.1	13.7		398053.31	6905578.81	1240
1124844	27/08/2016	235218	45	N	75		25.2	-8.4	15.1	75	91	3.59			-8.4	15.1		398060.06	6905587.56	1241
1124844	27/08/2016	235142	45	N	87.5		25.2	-12.1	17.3	78	91	3.64			-12.1	17.3		398066.84	6905598.62	1240
1124844	27/08/2016	235106	45	N	100		25.2	-15.7	12.3	54	96	3.36			-15.7	12.3		398075.59	6905606.78	1240
1124844	27/08/2016	235026	45	N	112.5		25.2	-14.7	13.5	43	99	3.28			-14.7	13.5		398082.59	6905617.58	1241
1124844	27/08/2016	234942	45	N	125		25.2	-9.7	19.4	44	98	3.27			-9.7	19.4		398088.88	6905628.6	1242
1124844	27/08/2016	234902	45	N	137.5		25.2	-15.9	18.7	55	96	3.36			-15.9	18.7		398095.78	6905640.2	1242
1124844	27/08/2016	234818	45	N	150		25.2	-21.2	17.5	61	95	3.43			-21.2	17.5		398100.91	6905651.06	1242
1124844	27/08/2016	234726	45	N	162.5		25.2	-23.8	13.5	52	97	3.35			-23.8	13.5		398107.98	6905661.13	1243
1124844	27/08/2016	234650	45	N	175		25.2	-32.3	11.8	37	99	3.21			-32.3	11.8		398115.1	6905670.82	1243
1124844	27/08/2016	234614	45	N	187.5		25.2	-37.4	8.9	51	99	3.39			-37.4	8.9		398121.44	6905679.87	1243
1124844	27/08/2016	234538	45	N	200		25.2	-44.4	4.2	31	99	3.16			-44.4	4.2		398127.58	6905689.39	1244
1124844	27/08/2016	234434	45	N	212.5		25.2	-43.5	6.3	69	99	3.68			-43.5	6.3		398135.45	6905701.85	1245
1124844	27/08/2016	234358	45	N	225		25.2	-19.7	15.9	81	99	3.89			-19.7	15.9		398142.06	6905711.77	1245
1124844	27/08/2016	234322	45	N	237.5		25.2	-20.7	16.2	66	99	3.62			-20.7	16.2		398149.35	6905721.34	1245
1124844	27/08/2016	233718	45	N	250		25.2	-26.7	15.9	64	100	3.59			-26.7	15.9		398156.83	6905731.44	1245
1124844	27/08/2016	233630	45	N	262.5		25.2	-29.3	11.3	76	99	3.81			-29.3	11.3		398162.77	6905741.37	1245
1124844	27/08/2016	233554	45	N	275		25.2	-33.1	5.2	78	100	3.84			-33.1	5.2		398171.55	6905750.85	1246
1124844	27/08/2016	233518	45	N	287.5		25.2	-42.5	3.2	68	100	3.67			-42.5	3.2		398177.6	6905760.1	1246
1124844	27/08/2016	233430	45	N	300		25.2	-19.5	4.5	100	102	4.34			-19.5	4.5		398186.9	6905772.74	1248
1124844	27/08/2016	233350	45	N	312.5		25.2	2	15.9	50	100	3.39			2	15.9		398191.95	6905783.72	1248
1124844	27/08/2016	233318	45	N	325		25.2	8	8	79	100	3.86			8	8		398199.33	6905792.19	1249
1124844	27/08/2016	233242	45	N	337.5		25.2	9.5	6.2	72	100	3.74			9.5	6.2		398206.3	6905804.04	1249
1124844	27/08/2016	233206	45	N	350		25.2	11.9	0.1	98	101	4.29			11.9	0.1		398213.25	6905814.08	1250
1124844	27/08/2016	233034	45	N	362.5		25.2	17.5	-3.1	87	100	4.01			17.5	-3.1		398220.27	6905823.45	1251
1124844	27/08/2016	232950	45	N	375		25.2	29.8	-1.6	82	100	3.91			29.8	-1.6		398229.11	6905833.49	1251
1124844	27/08/2016	232914	45	N	387.5		25.2	29.7	-7.5	81	100	3.89			29.7	-7.5		398236.63	6905844.69	1250
1124844	27/08/2016	232842	45	N	400		25.2	26.5	-9.8	89	100	4.07			26.5	-9.8		398243.23	6905853.72	1249
1124844	27/08/2016	232810	45	N	412.5		25.2	22.1	-16.2	77	100	3.82			22.1	-16.2		398251.31	6905864.34	1248
1124844	27/08/2016	232730	45	N	425		25.2	17.2	-17.7	98	101	4.27			17.2	-17.7		398259.02	6905872.82	1247
1124844	27/08/2016	232554	45	N	437.5		25.2	20.9	-20.3	70	99	3.7			20.9	-20.3		398268.13	6905883.35	1245
1124844	27/08/2016	232514	45	N	450		25.2	40.6	-14.3	100	101	4.33			40.6	-14.3		398275.3	6905894.92	1242
1124844	27/08/2016	232438	45	N	462.5		25.2	64.2	-11.3	60	99	3.54			64.2	-11.3		398282.07	6905903.61	1240
1124844	27/08/2016	232402	45	N	475		25.2	51.2	-10.2	59	99	3.52			51.2	-10.2		398288.38	6905913.57	1238
1124844	27/08/2016	232326	45	N	487.5		25.2	45.7	-11.7	67	100	3.65			45.7	-11.7		398295.2	6905924.88	1237
1124844	27/08/2016	232250	45	N	500		25.2	47.1	-13.3	68	99	3.67			47.1	-13.3		398300.45	6905935.41	1235
1124844	27/08/2016	232206	45	N	512.5		25.2	36.4	-11.8	79	97	3.79			36.4	-11.8		398306.95	6905945.3	1235
1124844	27/08/2016	232126	45	N	525		25.2	33.9	-13.7	76	94	3.68			33.9	-13.7		398314.92	6905955.08	1234
1124844	27/08/2016	232038	45	N	537.5		25.2	27.1	-14.9	78	97	3.77			27.1	-14.9		398321.29	6905964.51	1232
1124844	27/08/2016	231842	45	N	550		25.2	20.5	-14	85	92	3.8			20.5	-14		398329.42	6905976.21	1230
1124844	27/08/2016	231730	45	N	562.5		25.2	23.7	-19.3	50	98	3.34			23.7	-19.3		398335.93	6905986.63	1228
1124844	27/08/2016	231650	45	N	575		25.2	17.9	-15.6	68	100	3.66			17.9	-15.6		398340.88	6905996.89	1228
1124844	27/08/2016	231606	45	N	587.5		25.2	15.5	-16	70	98	3.68			15.5	-16		398348.34	6906006.69	1226
1124844	27/08/2016	231526	45	N	600		25.2	10	-14.5	80	95	3.77			10	-14.5		398357.14	6906015.64	1224
1124844	27/08/2016	231414	45	N	612.5		25.2	9.8	-15.6	82	96	3.83			9.8	-15.6		398361.77	6906024.14	1223
1124844	27/08/2016	231302	45	N	625		25.2	9.2	-17.4	73	93	3.6			9.2	-17.4		398370.78	6906034.91	1219
1124844	27/08/2016	231206	45	N	637.5		25.2	2	-14	76	99	3.8			2	-14		398376.62	6906044.76	1218

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	231122	45	N	650		25.2	0.6	-11.3	79	88	3.6			0.6	-11.3		398385.01	6906054.1	1215
1124844	27/08/2016	231030	45	N	662.5		25.2	-3.7	-15.3	54	99	3.43			-3.7	-15.3		398393.06	6906062.82	1214
1124844	27/08/2016	230954	45	N	675		25.2	0	-11.7	100	95	4.2			0	-11.7		398400.57	6906072.27	1212
1124844	27/08/2016	230922	45	N	687.5		25.2	16.1	-1.3	95	98	4.15			16.1	-1.3		398408.6	6906082.61	1210
1124844	27/08/2016	230846	45	N	700		25.2	16.6	1.5	82	99	3.91			16.6	1.5		398413.64	6906091.22	1208
1124844	27/08/2016	230806	45	N	712.5		25.2	22.4	5.3	97	91	4.03			22.4	5.3		398422.98	6906103.77	1206
1124844	27/08/2016	230726	45	N	725		25.2	21	6.4	84	93	3.81			21	6.4		398430.66	6906113.01	1204
1124844	27/08/2016	230642	45	N	737.5		25.2	16.8	4.3	80	96	3.78			16.8	4.3		398435.28	6906125.27	1204
1124844	27/08/2016	230558	45	N	750		25.2	14	4.6	86	87	3.72			14	4.6		398444.95	6906135.15	1202
1124844	27/08/2016	230522	45	N	762.5		25.2	10.9	5.1	84	91	3.75			10.9	5.1		398452.16	6906145.24	1199
1124844	27/08/2016	230442	45	N	775		25.2	9.5	4.8	76	95	3.7			9.5	4.8		398458.55	6906154.18	1197
1124844	27/08/2016	230358	45	N	787.5		25.2	9.6	3.8	94	79	3.73			9.6	3.8		398466.35	6906162.96	1194
1124844	27/08/2016	230302	45	N	800		25.2	10.3	4.1	71	99	3.69			10.3	4.1		398474.16	6906174.48	1191
1124844	27/08/2016	230214	45	N	812.5		25.2	3.4	5.8	64	99	3.57			3.4	5.8		398480.46	6906183.71	1189
1124844	27/08/2016	230130	45	N	825		25.2	1.6	6.7	94	81	3.75			1.6	6.7		398487.55	6906192.4	1186
1124844	27/08/2016	225842	45	N	837.5		25.2	-2.9	6.1	86	95	3.89			-2.9	6.1		398495.96	6906202.97	1184
1124844	27/08/2016	225754	45	N	850		25.2	-3.3	1.5	81	96	3.8			-3.3	1.5		398501.8	6906210.84	1182
1124844	27/08/2016	225702	45	N	862.5		25.2	-11.6	3.1	69	99	3.66			-11.6	3.1		398513.2	6906224.96	1179
1124844	27/08/2016	225614	45	N	875		25.2	-10.9	4.9	98	91	4.07			-10.9	4.9		398518.81	6906235.97	1177
1124844	27/08/2016	225534	45	N	887.5		25.2	-6.9	5.2	97	90	4.02			-6.9	5.2		398524.51	6906246.09	1175
1124844	27/08/2016	225450	45	N	900		25.2	-11.1	5	77	99	3.81			-11.1	5		398530.86	6906259.38	1172
1124844	27/08/2016	225354	45	N	912.5		25.2	-18.9	4.2	87	99	3.99			-18.9	4.2		398537.6	6906269.36	1171
1124844	27/08/2016	225318	45	N	925		25.2	-20.4	3.6	95	100	4.2			-20.4	3.6		398545.49	6906279.12	1169
1124844	27/08/2016	225238	45	N	937.5		25.2	-19.5	7.2	85	99	3.97			-19.5	7.2		398551.41	6906290.63	1168
1124844	27/08/2016	225150	45	N	950		25.2	-13.5	8	62	99	3.56			-13.5	8		398560.22	6906301.09	1164
1124844	27/08/2016	225106	45	N	962.5		25.2	-2.8	10.5	79	99	3.86			-2.8	10.5		398567.3	6906310.1	1162
1124844	27/08/2016	225014	45	N	975		25.2	6.4	9.1	76	99	3.79			6.4	9.1		398574.73	6906320.97	1159
1124844	27/08/2016	224930	45	N	987.5		25.2	21.6	4.9	57	99	3.48			21.6	4.9		398580.74	6906332.17	1157
1124844	27/08/2016	224846	45	N	1000		25.2	37.3	4.7	75	99	3.78			37.3	4.7		398586.92	6906342.91	1155
1124844	27/08/2016	224738	45	N	1012.5		25.2	64.4	8.8	96	100	4.21			64.4	8.8		398595.35	6906353.82	1155
1124844	27/08/2016	224654	45	N	1025		25.2	69.5	15.2	95	100	4.19			69.5	15.2		398602.08	6906363.8	1153
1124844	27/08/2016	224610	45	N	1037.5		25.2	66.7	22.1	95	90	3.97			66.7	22.1		398610.66	6906375.34	1151
1124844	27/08/2016	224518	45	N	1050		25.2	58.7	20.4	95	95	4.06			58.7	20.4		398619.5	6906384.07	1147
1124844	27/08/2016	224438	45	N	1062.5		25.2	51	17.4	95	86	3.89			51	17.4		398627.22	6906394.77	1146
1124844	27/08/2016	224402	45	N	1075		25.2	46.9	12.5	86	94	3.85			46.9	12.5		398634.36	6906404.76	1145
1124844	27/08/2016	224226	45	N	1087.5		25.2	42.2	13.6	90	84	3.74			42.2	13.6		398644.07	6906417.01	1142
1124844	27/08/2016	224150	45	N	1100		25.2	39.3	12.8	89	91	3.86			39.3	12.8		398650.48	6906427.03	1140
1124844	27/08/2016	224026	45	N	1112.5		25.2	38.6	14	84	91	3.76			38.6	14		398656.31	6906436.6	1137
1124844	27/08/2016	223938	45	N	1125		25.2	39.5	14.1	76	97	3.75			39.5	14.1		398665.54	6906449.15	1136
1124844	27/08/2016	223858	45	N	1137.5		25.2	36.2	16.3	90	87	3.8			36.2	16.3		398671.41	6906459.43	1133
1124844	27/08/2016	223814	45	N	1150		25.2	32.7	16.3	92	81	3.73			32.7	16.3		398678.59	6906468.48	1130
1124844	27/08/2016	223730	45	N	1162.5		25.2	31.9	10.4	61	98	3.5			31.9	10.4		398687.24	6906478.43	1127
1124844	27/08/2016	223646	45	N	1175		25.2	29.1	12	77	94	3.69			29.1	12		398693.81	6906491.22	1124
1124844	27/08/2016	223610	45	N	1187.5		25.2	28.9	11.9	75	97	3.72			28.9	11.9		398700.47	6906500.85	1120
1124844	27/08/2016	223522	45	N	1200		25.2	31.4	9	69	96	3.59			31.4	9		398707.2	6906510.58	1117
1124844	27/08/2016	223442	45	N	1212.5		25.2	24.3	7.5	65	97	3.55			24.3	7.5		398712.84	6906523.37	1115
1124844	27/08/2016	223402	45	N	1225		25.2	21.6	4.8	79	90	3.64			21.6	4.8		398717.95	6906532.23	1112
1124844	27/08/2016	223322	45	N	1237.5		25.2	19.4	3.5	82	93	3.76			19.4	3.5		398725.64	6906543.75	1110
1124844	27/08/2016	223238	45	N	1250		25.2	29.1	9.8	79	96	3.79			29.1	9.8		398735.7	6906552.33	1105
1124844	27/08/2016	223146	45	N	1262.5		25.2	34.8	9.6	53	97	3.36			34.8	9.6		398741.49	6906559.46	1104
1124844	27/08/2016	223046	45	N	1275		25.2	28	11.7	87	77	3.54			28	11.7		398750.81	6906570.77	1101
1124844	27/08/2016	223006	45	N	1287.5		25.2	25.9	7.9	62	95	3.46			25.9	7.9		398755.51	6906581.82	1099
1124844	27/08/2016	222914	45	N	1300		25.2	24.1	10.2	79	83	3.48			24.1	10.2		398761.25	6906592.26	1096
1124844	27/08/2016	222826	45	N	1312.5		25.2	24.8	7.7	53	96	3.35			24.8	7.7		398768.62	6906603.87	1093
1124844	27/08/2016	222714	45	N	1325		25.2	19.3	7.9	66	89	3.36			19.3	7.9		398773.67	6906612.89	1090
1124844	27/08/2016	222630	45	N	1337.5		25.2	14.9	7.9	79	78	3.38			14.9	7.9		398780.79	6906624.23	1087
1124844	27/08/2016	222550	45	N	1350		25.2	13.4	6	62	88	3.27			13.4	6		398787.05	6906634.79	1084
1124844	27/08/2016	222510	45	N	1362.5		25.2	11.9	5.2	88	75	3.52			11.9	5.2		398796.77	6906643.87	1082
1124844	27/08/2016	222434	45	N	1375		25.2	11.7	6.7	63	90	3.35			11.7	6.7		398804.08	6906653.72	1080
1124844	27/08/2016	222358	45	N	1387.5		25.2	9	2	46	96	3.23			9	2		398810.9	6906665	1077
1124844	27/08/2016	222322	45	N	1400		25.2	3	3.9	94	65	3.46			3	3.9		398817.83	6906674.54	1076
1124844	27/08/2016	222246	45	N	1412.5		25.2	2.2	5.3	74	87	3.49			2.2	5.3		398828.81	6906683.35	1072

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	27/08/2016	222214	45	N	1425		25.2	9.1	7.8	70	95	3.59			9.1	7.8		398832.75	6906693.76	1069
1124844	27/08/2016	222138	45	N	1437.5		25.2	12.9	11.3	87	83	3.66			12.9	11.3		398838.3	6906705.36	1067
1124844	27/08/2016	222054	45	N	1450		25.2	13.9	12.9	78	87	3.55			13.9	12.9		398845.69	6906714.53	1063
1124844	27/08/2016	222006	45	N	1462.5		25.2	15.1	12.4	84	79	3.52			15.1	12.4		398855.07	6906726.65	1062
1124844	27/08/2016	221926	45	N	1475		25.2	15.9	10.5	66	93	3.47			15.9	10.5		398861.32	6906735.13	1057
1124844	27/08/2016	221850	45	N	1487.5		25.2	15.2	11.9	96	65	3.52			15.2	11.9		398869.2	6906743.36	1057
1124844	27/08/2016	221802	45	N	1500		25.2	11.3	8.7	61	87	3.23			11.3	8.7		398877.17	6906754.8	1056
1124844	27/08/2016	221722	45	N	1512.5		25.2	8.1	5.4	50	92	3.18			8.1	5.4		398884.04	6906765.9	1055
1124844	27/08/2016	221646	45	N	1525		25.2	2.7	6.5	62	94	3.44			2.7	6.5		398891.06	6906775.53	1052
1124844	27/08/2016	221602	45	N	1537.5		25.2	-1.2	2	39	98	3.2			-1.2	2		398897.6	6906786.45	1052
1124844	27/08/2016	221518	45	N	1550		25.2	-4.3	2.7	75	84	3.42			-4.3	2.7		398904.33	6906794.95	1045
1124844	27/08/2016	221426	45	N	1562.5		25.2	-3.8	4.1	74	85	3.44			-3.8	4.1		398910.96	6906804.56	1039
1124844	27/08/2016	221346	45	N	1575		25.2	-1.4	2.2	70	97	3.63			-1.4	2.2		398920.11	6906810.72	1033
1124844	27/08/2016	221310	45	N	1587.5		25.2	-2.6	2.8	57	98	3.45			-2.6	2.8		398925.56	6906822.62	1034
1124844	27/08/2016	221226	45	N	1600		25.2	8.9	3.5	57	98	3.44			8.9	3.5		398933.67	6906834.77	1038
1124844	27/08/2016	221138	45	N	1612.5		25.2	28.7	5.4	62	98	3.54			28.7	5.4		398941.12	6906845.36	1038
1124844	27/08/2016	221046	45	N	1625		25.2	39.5	5.1	40	97	3.18			39.5	5.1		398948.1	6906855.38	1033
1124844	27/08/2016	220822	45	N	1637.5		25.2	36.1	3.8	61	94	3.41			36.1	3.8		398954.64	6906864.85	1028
1124844	27/08/2016	220706	45	N	1650		25.2	35.5	3.5	58	88	3.21			35.5	3.5		398962.85	6906875.95	1030
1124844	27/08/2016	220630	45	N	1662.5		25.2	32.9	3.2	59	86	3.18			32.9	3.2		398971.14	6906884.94	1023
1124844	27/08/2016	220550	45	N	1675		25.2	32.8	2.7	43	89	3.01			32.8	2.7		398976.86	6906895.06	1020
1124844	27/08/2016	220506	45	N	1687.5		25.2	30.1	1.4	44	79	2.77			30.1	1.4		398983.2	6906906.1	1017
1124844	27/08/2016	220426	45	N	1700		25.2	25.9	0.3	50	77	2.8			25.9	0.3		398990.68	6906916.65	1014
1124844	27/08/2016	220354	45	N	1712.5		25.2	20.9	-1.2	47	73	2.64			20.9	-1.2		398996.67	6906925.58	1011
1124844	27/08/2016	220322	45	N	1725		25.2	16	-2.4	52	69	2.61			16	-2.4		399004.86	6906935.16	1009
1124844	27/08/2016	220226	45	N	1737.5		25.2	7.6	-2.9	53	63	2.5			7.6	-2.9		399013.39	6906945.04	1008
1124844	27/08/2016	220150	45	N	1750		25.2	2.3	-5.4	62	63	2.71			2.3	-5.4		399021.86	6906954.09	1009
1124844	27/08/2016	220038	45	N	1762.5		25.2	-2.9	-4.3	39	76	2.61			-2.9	-4.3		399027.98	6906965.52	1007
1124844	27/08/2016	215958	45	N	1775		25.2	-3.7	-6.2	24	83	2.63			-3.7	-6.2		399033.51	6906975.55	1008
1124844	27/08/2016	215930	45	N	1787.5		25.2	-10.9	-3.8	29	81	2.62			-10.9	-3.8		399037.53	6906986.68	1013
1124844	27/08/2016	215838	45	N	1800		25.2	-12.2	-4.6	42	80	2.75			-12.2	-4.6		399041.27	6906994.99	1009
1124844	27/08/2016	215750	45	N	1812.5		25.2	-15.4	-4.7	56	74	2.82			-15.4	-4.7		399047.02	6907003.56	1011
1124844	27/08/2016	215710	45	N	1825		25.2	-18.8	-1.9	38	86	2.87			-18.8	-1.9		399056.25	6907010.55	1013
1124844	27/08/2016	215638	45	N	1837.5		25.2	-16.9	1.3	45	83	2.87			-16.9	1.3		399064.41	6907023.18	1014
1124844	27/08/2016	215558	45	N	1850		25.2	-15.8	1.3	35	91	2.98			-15.8	1.3		399071.14	6907034.92	1015
1124844	27/08/2016	215506	45	N	1862.5		25.2	-12.3	7.7	63	74	2.96			-12.3	7.7		399080.64	6907045.46	1013
1124844	27/08/2016	215422	45	N	1875		25.2	-11.4	9.7	36	90	2.94			-11.4	9.7		399088.47	6907052.98	1013
1124844	27/08/2016	215342	45	N	1887.5		25.2	-17.2	9.8	46	77	2.73			-17.2	9.8		399096.21	6907065.13	1016
1124844	27/08/2016	215318	45	N	1900	GPS Points Drift East, other operator also took point here	25.2	-21.2	8.5	53	75	2.8			-21.2	8.5		399101.86	6907071.59	1017
1124844	27/08/2016	215258	45	N	1900	GPS Points Drift East, other operator also took point here	25.2	-23.2	9.8	45	76	2.7	1					399102.12	6907073.2	1014
8042728	27/08/2016	215134	45	N	1900	Taken using different unit	25.2	2.3	-4.4	59	91	3.29	9					399101.74	6907069.19	1020.00
1124844	27/08/2016	215230	45	N	1912.5		25.2	-24.7	6.7	62	70	2.84			-24.7	6.7		399110.69	6907081.6	1014
1124844	27/08/2016	215158	45	N	1925		25.2	-30.8	6.4	38	84	2.81			-30.8	6.4		399118.64	6907091.77	1018
1124844	27/08/2016	215126	45	N	1937.5		25.2	-32.2	6.3	32	87	2.82			-32.2	6.3		399124.29	6907104.79	1021
1124844	27/08/2016	215050	45	N	1950		25.2	-33.7	5.5	31	90	2.89			-33.7	5.5		399132.58	6907115.31	1021
1124844	27/08/2016	215006	45	N	1962.5		25.2	-40.1	5.6	45	91	3.08			-40.1	5.6	better signal	399139.4	6907124.8	1017
1124844	27/08/2016	214822	45	N	1962.5		25.2	-41	6.4	44	87	2.96	1					399138.2	6907125.42	1021
1124844	27/08/2016	214750	45	N	1975		25.2	-42.9	5.8	55	84	3.06			-42.9	5.8		399145.87	6907135.53	1022
1124844	27/08/2016	214714	45	N	1987.5		25.2	-40.4	5.5	41	95	3.14			-40.4	5.5		399154.6	6907146.09	1019
1124844	27/08/2016	214642	45	N	2000		25.2	-36.9	5.3	49	94	3.23			-36.9	5.3		399159.43	6907155.4	1020
1124844	27/08/2016	214558	45	N	2012.5		25.2	-32.8	6.7	80	88	3.6			-32.8	6.7		399167.77	6907165.32	1020
1124844	27/08/2016	214522	45	N	2025		25.2	-37.7	3.4	28	98	3.11			-37.7	3.4		399174.1	6907173.32	1017
1124844	27/08/2016	214450	45	N	2037.5		25.2	-11.6	7.2	53	98	3.4			-11.6	7.2		399180.3	6907183.54	1018
1124844	27/08/2016	214414	45	N	2050		25.2	-2.2	13.9	68	98	3.62			-2.2	13.9		399185.98	6907194.75	1019
1124844	27/08/2016	214334	45	N	2062.5		25.2	-5.6	10.8	68	95	3.56			-5.6	10.8		399193.41	6907205.76	1019
1124844	27/08/2016	214302	45	N	2075		25.2	-10.8	6.2	92	76	3.62			-10.8	6.2		399200.42	6907215.43	1020
1124844	27/08/2016	214234	45	N	2087.5		25.2	-14.8	3.2	74	84	3.4			-14.8	3.2		399206.77	6907224.95	1021
1124844	27/08/2016	214202	45	N	2100		25.2	-22	2.5	58	94	3.36			-22	2.5		399216.78	6907236.75	1025
1124844	27/08/2016	214126	45	N	2112.5		25.2	-15.3	5	64	96	3.51			-15.3	5		399223.66	6907246.47	1023
1124844	27/08/2016	214058	45	N	2125		25.2	-12.3	7.8	55	96	3.38			-12.3	7.8		399230.32	6907256.42	1023
1124844	27/08/2016	214022	45	N	2137.5		25.2	-11.1	6.1	50	98	3.34			-11.1	6.1		399236.72	6907265.86	1026
1124844	27/08/2016	213954	45	N	2150		25.2	-14.2	2.1	63	91	3.36			-14.2	2.1		399243.26	6907278.19	1022

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	27/08/2016	213902	45	N	2162.5		25.2	-11.2	1.3	80	84	3.53			-11.2	1.3		399252.29	6907285.74	1022
1124844	27/08/2016	213826	45	N	2175		25.2	-7.6	3	97	68	3.6			-7.6	3		399259.22	6907295.62	1020
1124844	27/08/2016	213754	45	N	2187.5		25.2	-8.5	2.5	72	92	3.55			-8.5	2.5		399267.92	6907305.84	1019
1124844	27/08/2016	213726	45	N	2200		25.2	-8.3	2.5	74	88	3.49			-8.3	2.5		399274.98	6907314.76	1018
1124844	27/08/2016	213654	45	N	2212.5		25.2	-9.1	3.6	75	90	3.56			-9.1	3.6		399281.33	6907325.52	1017
1124844	27/08/2016	213626	45	N	2225		25.2	-12.7	1.1	74	91	3.56			-12.7	1.1		399287.62	6907336.3	1018
1124844	27/08/2016	213554	45	N	2237.5		25.2	-17.1	0.1	84	88	3.71			-17.1	0.1		399294.44	6907346.83	1019
1124844	27/08/2016	213522	45	N	2250		25.2	-17.4	1.6	56	97	3.41			-17.4	1.6		399300.07	6907357.69	1021
1124844	27/08/2016	213450	45	N	2262.5		25.2	-16.4	0	98	63	3.53			-16.4	0		399305.13	6907366.57	1021
1124844	27/08/2016	213418	45	N	2275		25.2	-15.9	1.9	91	89	3.88			-15.9	1.9		399314.45	6907378.06	1017
1124844	27/08/2016	213342	45	N	2287.5		25.2	-9.4	3.4	93	93	3.99			-9.4	3.4		399322.11	6907387.15	1015
1124844	27/08/2016	213306	45	N	2300		25.2	-5.8	2.7	91	96	4			-5.8	2.7		399328.23	6907397.89	1016
1124844	27/08/2016	213218	45	N	2312.5		25.2	2.1	3.1	96	95	4.12			2.1	3.1		399334.96	6907408.82	1016
1124844	27/08/2016	213134	45	N	2325		25.2	9	3	98	73	3.73			9	3		399343.35	6907416.99	1015
1124844	27/08/2016	212734	45	N	2337.5		25.2	8.7	3.1	94	82	3.78			8.7	3.1		399354.26	6907423.91	1011
1124844	27/08/2016	212630	45	N	2350		25.2	13.2	3.8	88	80	3.61	1					399355.96	6907435.54	1013
1124844	27/08/2016	212606	45	N	2350		25.2	14.3	2.8	88	87	3.75			14.3	2.8	Better signal	399356.3	6907436.2	1013
1124844	29/08/2016	191926	46	N	0		25.2	-49	3.6	78	98	3.8			-49	3.6		395002.98	6908291.53	1145.00
1124844	29/08/2016	191958	46	N	0		25.2	-49.6	2.7	66	97	3.58	1					395002.96	6908290.23	1144.00
1124844	29/08/2016	192014	46	N	0		25.2	-50.9	3.8	62	97	3.5	1					395002.85	6908290.77	1144.00
1124844	29/08/2016	191850	46	N	12.5		25.2	-42.2	4	80	97	3.83			-42.2	4		395009.36	6908302.42	1146.00
1124844	29/08/2016	191818	46	N	25		25.2	-36.6	5	93	98	4.1			-36.6	5		395017.35	6908311.36	1147.00
1124844	29/08/2016	191746	46	N	37.5		25.2	-31.2	5.3	81	96	3.83			-31.2	5.3		395023.47	6908325.51	1150.00
1124844	29/08/2016	191710	46	N	50		25.2	-24.2	6.3	97	98	4.19			-24.2	6.3		395031.29	6908333.54	1151.00
1124844	29/08/2016	191450	46	N	62.5		25.2	-19.7	7.2	98	91	4.05			-19.7	7.2		395044.15	6908347.85	1156.00
1124844	29/08/2016	191414	46	N	75		25.2	-21.3	5.6	86	95	3.89			-21.3	5.6		395047.84	6908353.79	1150.00
1124844	29/08/2016	191334	46	N	87.5		25.2	-26.4	3.4	77	96	3.74			-26.4	3.4		395060.29	6908362.63	1150.00
1124844	29/08/2016	191254	46	N	100		25.2	-31.9	1.9	55	97	3.39			-31.9	1.9		395067.00	6908374.51	1153.00
1124844	29/08/2016	191214	46	N	112.5		25.2	-34.6	-0.2	64	97	3.54			-34.6	-0.2		395073.12	6908385.10	1157.00
1124844	29/08/2016	191122	46	N	125		25.2	-34.9	-1.6	62	97	3.51			-34.9	-1.6		395077.37	6908395.99	1158.00
1124844	29/08/2016	191042	46	N	137.5		25.2	-41.1	-3.3	30	98	3.1			-41.1	-3.3		395081.23	6908403.41	1159.00
1124844	29/08/2016	191002	46	N	150		25.2	-39	-1.3	65	98	3.57			-39	-1.3		395086.47	6908415.12	1161.00
1124844	29/08/2016	190906	46	N	162.5		25.2	-27.3	0	98	87	3.98			-27.3	0		395091.16	6908425.65	1166.00
1124844	29/08/2016	190830	46	N	175		25.2	-23.1	2.5	98	70	3.65			-23.1	2.5		395100.01	6908432.64	1164.00
1124844	29/08/2016	190734	46	N	187.5		25.2	-18	1.9	95	87	3.93			-18	1.9		395112.43	6908442.14	1167.00
1124844	29/08/2016	190702	46	N	200		25.2	-18.3	2.8	94	92	3.99			-18.3	2.8		395117.65	6908449.08	1168.00
1124844	29/08/2016	190618	46	N	212.5		25.2	-19	1.7	81	97	3.84			-19	1.7		395125.56	6908458.04	1172.00
1124844	29/08/2016	190542	46	N	225		25.2	-20.1	3	85	96	3.89			-20.1	3		395132.56	6908469.81	1170.00
1124844	29/08/2016	190518	46	N	237.5		25.2	-23.1	4.4	82	98	3.88			-23.1	4.4		395137.09	6908479.19	1175.00
1124844	29/08/2016	190446	46	N	250		25.2	-20.5	4.8	68	97	3.6			-20.5	4.8		395141.61	6908492.97	1178.00
1124844	29/08/2016	190414	46	N	262.5		25.2	-23.7	5.4	71	97	3.66			-23.7	5.4		395146.01	6908505.26	1183.00
1124844	29/08/2016	190338	46	N	275		25.2	-23.3	6.6	85	93	3.83			-23.3	6.6		395155.92	6908510.58	1181.00
1124844	29/08/2016	190310	46	N	287.5		25.2	-23.6	6.4	95	92	4.02			-23.6	6.4		395161.02	6908519.59	1186.00
1124844	29/08/2016	190226	46	N	300		25.2	-25.3	9.5	98	67	3.6			-25.3	9.5		395169.61	6908527.54	1189.00
1124844	29/08/2016	190154	46	N	312.5		25.2	-21.4	7.7	97	85	3.92			-21.4	7.7		395179.73	6908538.10	1190.00
1124844	29/08/2016	190126	46	N	325		25.2	-24.5	8.4	92	91	3.93			-24.5	8.4		395189.46	6908546.21	1193.00
1124844	29/08/2016	190050	46	N	337.5		25.2	-34.7	8.1	56	97	3.41			-34.7	8.1		395195.94	6908553.30	1193.00
1124844	29/08/2016	190010	46	N	350		25.2	-25.8	9.2	93	95	4.03			-25.8	9.2		395199.91	6908566.01	1197.00
1124844	29/08/2016	185906	46	N	362.5		25.2	-25	12.3	52	97	3.36			-25	12.3		395207.28	6908577.59	1198.00
1124844	29/08/2016	185838	46	N	375		25.2	-26.9	12.6	80	89	3.66			-26.9	12.6		395211.07	6908587.39	1198.00
1124844	29/08/2016	185806	46	N	387.5		25.2	-30.9	10.4	84	90	3.75			-30.9	10.4		395215.86	6908595.35	1203.00
1124844	29/08/2016	185734	46	N	400		25.2	-34.8	8.8	85	93	3.83			-34.8	8.8		395222.86	6908604.66	1205.00
1124844	29/08/2016	185658	46	N	412.5		25.2	-31.5	12.2	97	91	4.04			-31.5	12.2		395230.53	6908618.18	1209.00
1124844	29/08/2016	185626	46	N	425		25.2	-37.5	11.7	47	44	3.96			-37.5	11.7		395237.58	6908628.35	1209.00
1124844	29/08/2016	185542	46	N	437.5		25.2	-43.2	10.1	41	53	4.11			-43.2	10.1		395244.58	6908638.42	1212.00
1124844	29/08/2016	185334	46	N	450		25.2	-40.2	9.2	52	51	4.41			-40.2	9.2		395252.36	6908650.08	1214.00
1124844	29/08/2016	185350	46	N	450		25.2	-41	9.7	51	50	4.37	1					395251.79	6908650.34	1215.00
1124844	29/08/2016	185306	46	N	462.5		25.2	-42.6	10.2	45	51	4.19			-42.6	10.2		395259.41	6908660.43	1217.00
1124844	29/08/2016	185238	46	N	475		25.2	-37.5	8.6	50	57	4.63			-37.5	8.6		395266.19	6908669.26	1218.00
1124844	29/08/2016	185210	46	N	487.5		25.2	-32.1	7.8	58	60	5.08			-32.1	7.8		395272.48	6908679.28	1221.00
1124844	29/08/2016	185146	46	N	500		25.2	-24.3	8.1	53	63	5.03			-24.3	8.1		395279.14	6908688.03	1221.00
1124844	29/08/2016	185118	46	N	512.5		25.2	-21.8	5.2	40	70	4.9			-21.8	5.2		395286.62	6908698.01	1223.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	29/08/2016	185042	46	N	525		25.2	-15.3	5.2	39	71	4.94			-15.3	5.2		395292.20	6908707.69	1224.00
1124844	29/08/2016	185010	46	N	537.5		25.2	-6.1	5.9	27	69	4.52			-6.1	5.9		395296.16	6908718.54	1224.00
1124844	29/08/2016	184930	46	N	550		25.2	-6.4	4	45	59	4.52			-6.4	4		395303.55	6908728.83	1227.00
1124844	29/08/2016	184858	46	N	562.5		25.2	-8.6	0.7	44	62	4.64			-8.6	0.7		395310.88	6908740.19	1230.00
1124844	29/08/2016	184830	46	N	575		25.2	-11.1	-1.7	50	61	4.8			-11.1	-1.7		395315.82	6908749.65	1230.00
1124844	29/08/2016	184758	46	N	587.5		25.2	-12.4	-2.8	46	64	4.8			-12.4	-2.8		395325.47	6908761.09	1232.00
1124844	29/08/2016	184730	46	N	600		25.2	-6.3	-0.1	50	63	4.9			-6.3	-0.1		395331.56	6908769.39	1233.00
1124844	29/08/2016	184538	46	N	612.5		25.2	-4.1	-0.6	48	63	4.82			-4.1	-0.6		395339.64	6908781.19	1234.00
1124844	29/08/2016	184502	46	N	625		25.2	-2.5	-1	40	58	4.28			-2.5	-1		395346.48	6908791.71	1235.00
1124844	29/08/2016	184434	46	N	637.5		25.2	-4.2	-3	48	59	4.65			-4.2	-3		395353.15	6908801.14	1236.00
1124844	29/08/2016	184410	46	N	650		25.2	-2.9	-2.9	45	59	4.52			-2.9	-2.9		395361.00	6908811.88	1238.00
1124844	29/08/2016	184346	46	N	662.5		25.2	1.5	-0.3	43	59	4.45			1.5	-0.3		395366.60	6908819.83	1239.00
1124844	29/08/2016	184302	46	N	675		25.2	3.1	-0.3	49	52	4.38			3.1	-0.3		395374.52	6908831.95	1241.00
1124844	29/08/2016	184234	46	N	687.5		25.2	1.4	-1.9	42	57	4.32			1.4	-1.9		395381.77	6908841.04	1241.00
1124844	29/08/2016	184206	46	N	700		25.2	2.5	-0.4	43	53	4.15			2.5	-0.4		395388.99	6908849.19	1243.00
1124844	29/08/2016	184118	46	N	712.5		25.2	1.2	-1.7	43	55	4.25			1.2	-1.7		395397.36	6908858.07	1244.00
1124844	29/08/2016	184042	46	N	725		25.2	1.7	-0.6	29	58	3.95			1.7	-0.6		395400.88	6908869.29	1244.00
1124844	29/08/2016	183942	46	N	737.5		25.2	-0.1	-1.8	41	56	4.25			-0.1	-1.8		395408.91	6908881.44	1247.00
1124844	29/08/2016	183918	46	N	750		25.2	-4.3	-3.8	31	61	4.17			-4.3	-3.8		395416.05	6908889.60	1247.00
1124844	29/08/2016	183846	46	N	762.5		25.2	1.2	0.6	27	60	4.01			1.2	0.6		395424.78	6908900.33	1248.00
1124844	29/08/2016	183806	46	N	775		25.2	7.8	4.8	43	56	4.31			7.8	4.8		395431.24	6908909.85	1248.00
1124844	29/08/2016	183822	46	N	775		25.2	7.5	4.7	42	56	4.29	1					395431.37	6908909.81	1248.00
1124844	29/08/2016	183734	46	N	787.5		25.2	10.9	7.5	47	59	4.63			10.9	7.5		395439.48	6908921.79	1248.00
1124844	29/08/2016	183658	46	N	800		25.2	13.4	9.7	45	56	4.37			13.4	9.7		395444.92	6908931.60	1248.00
1124844	29/08/2016	183634	46	N	812.5		25.2	14.8	11	39	57	4.21			14.8	11		395451.04	6908939.20	1247.00
1124844	29/08/2016	183554	46	N	825		25.2	13.4	10.5	42	51	4.02			13.4	10.5		395460.16	6908949.71	1245.00
1124844	29/08/2016	183434	46	N	837.5		25.2	14.5	12.6	37	55	4.04			14.5	12.6		395468.53	6908959.64	1242.00
1124844	29/08/2016	183230	46	N	850		25.2	14.9	12.2	20	60	3.88			14.9	12.2		395476.58	6908969.89	1237.00
1124844	29/08/2016	183354	46	N	850		25.2	14.4	12.8	31	54	3.81	1					395476.55	6908969.91	1236.00
1124844	29/08/2016	192814	47	N	0		25.2	22.1	2.5	98	57	3.44	9					395075.61	6908255.57	1131.00
1124844	29/08/2016	193018	47	N	0		25.2	-16.8	-3.2	84	96	3.88	2					395076.44	6908256.95	1133.00
1124844	29/08/2016	193034	47	N	0		25.2	-17.5	-2.2	88	98	3.99			-17.5	-2.2		395075.92	6908260.74	1144.00
1124844	29/08/2016	193050	47	N	0		25.2	-18.4	-2.2	88	98	3.99	1					395075.96	6908261.04	1145.00
1124844	29/08/2016	193106	47	N	0		25.2	-16.7	-2.6	83	97	3.88	2					395075.98	6908261.07	1145.00
1124844	29/08/2016	193338	47	N	12.5		25.2	-16.1	-3.3	94	92	4			-16.1	-3.3		395083.00	6908266.58	1132.00
1124844	29/08/2016	193434	47	N	25		25.2	-23.8	-6.8	98	80	3.84			-23.8	-6.8		395090.40	6908272.84	1135.00
1124844	29/08/2016	193514	47	N	37.5		25.2	-30.4	-8.6	98	78	3.81			-30.4	-8.6		395098.21	6908279.79	1137.00
1124844	29/08/2016	193606	47	N	50		25.2	-29.6	-8.5	98	75	3.75			-29.6	-8.5		395108.92	6908288.39	1144.00
1124844	29/08/2016	193718	47	N	62.5		25.2	-24.8	-8.5	97	99	4.2			-24.8	-8.5		395115.99	6908294.84	1143.00
1124844	29/08/2016	193818	47	N	75		25.2	-25	-8.4	76	97	3.76			-25	-8.4		395121.92	6908307.74	1147.00
1124844	29/08/2016	193858	47	N	87.5		25.2	-18.9	-6.4	92	98	4.09			-18.9	-6.4		395128.60	6908318.75	1150.00
1124844	29/08/2016	193930	47	N	100		25.2	-9.5	-6.9	65	98	3.56			-9.5	-6.9		395134.25	6908327.48	1151.00
1124844	29/08/2016	194014	47	N	112.5		25.2	0	-4.4	59	97	3.46			0	-4.4		395139.70	6908336.81	1153.00
1124844	29/08/2016	194102	47	N	125		25.2	0.9	-4.4	69	97	3.63			0.9	-4.4		395146.20	6908348.61	1155.00
1124844	29/08/2016	194142	47	N	137.5		25.2	-1.9	-4.6	68	97	3.61			-1.9	-4.6		395154.46	6908355.40	1159.00
1124844	29/08/2016	194238	47	N	150		25.2	-3.8	-6.8	75	97	3.73			-3.8	-6.8		395160.56	6908365.10	1161.00
1124844	29/08/2016	194402	47	N	162.5		25.2	-6.8	-7.1	61	97	3.5			-6.8	-7.1		395168.45	6908374.60	1164.00
1124844	29/08/2016	194450	47	N	175		25.2	-6.6	-5.5	62	97	3.52			-6.6	-5.5		395177.62	6908387.49	1167.00
1124844	29/08/2016	194546	47	N	187.5		25.2	-6.3	-6.1	70	97	3.64			-6.3	-6.1		395183.98	6908395.67	1168.00
1124844	29/08/2016	194626	47	N	200		25.2	-5.6	-3.3	79	97	3.8			-5.6	-3.3		395187.66	6908405.24	1167.00
1124844	29/08/2016	194658	47	N	212.5		25.2	-6.1	-1.4	88	96	3.96			-6.1	-1.4		395193.49	6908414.38	1169.00
1124844	29/08/2016	194750	47	N	225		25.2	-2.1	-2.3	72	97	3.67			-2.1	-2.3		395201.35	6908426.82	1171.00
1124844	29/08/2016	194826	47	N	237.5		25.2	-6.7	-2.6	47	97	3.29			-6.7	-2.6		395206.17	6908436.36	1173.00
1124844	29/08/2016	194858	47	N	250		25.2	-16.1	-2.7	60	97	3.46			-16.1	-2.7		395213.44	6908444.72	1180.00
1124844	29/08/2016	194930	47	N	262.5		25.2	-19.3	-6.4	91	87	3.82			-19.3	-6.4		395220.04	6908456.07	1183.00
1124844	29/08/2016	195006	47	N	275		25.2	-19.8	-3.4	95	84	3.86			-19.8	-3.4		395229.48	6908464.76	1183.00
1124844	29/08/2016	195038	47	N	287.5		25.2	-20.5	-0.8	98	77	3.78			-20.5	-0.8		395237.93	6908473.84	1184.00
1124844	29/08/2016	195114	47	N	300		25.2	-26.2	-1	98	87	3.99			-26.2	-1		395245.94	6908484.19	1188.00
1124844	29/08/2016	195146	47	N	312.5		25.2	-23.4	-2.4	93	95	4.03			-23.4	-2.4		395253.04	6908492.77	1189.00
1124844	29/08/2016	195302	47	N	325		25.2	-23.8	0	68	97	3.61			-23.8	0		395258.79	6908503.08	1192.00
1124844	29/08/2016	195426	47	N	337.5		25.2	-21.7	1.2	78	97	3.77			-21.7	1.2		395264.88	6908512.08	1192.00
1124844	29/08/2016	195458	47	N	350		25.2	-20	3.1	98	92	4.07			-20	3.1		395269.76	6908521.81	1195.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	29/08/2016	195530	47	N	362.5		25.2	-20	3.4	98	95	4.15			-20	3.4		395277.21	6908531.07	1198.00
1124844	29/08/2016	195638	47	N	375		25.2	-23.2	1.7	95	87	3.92			-23.2	1.7		395285.59	6908541.66	1200.00
1124844	29/08/2016	195854	47	N	387.5		25.2	-27.2	0.9	91	94	3.99			-27.2	0.9		395296.18	6908549.67	1204.00
1124844	29/08/2016	195926	47	N	400		25.2	-31.7	1.7	75	97	3.74			-31.7	1.7		395302.35	6908557.92	1205.00
1124844	29/08/2016	200010	47	N	412.5		25.2	-32.8	1.5	66	96	3.55			-32.8	1.5		395308.31	6908570.17	1207.00
1124844	29/08/2016	200054	47	N	425		25.2	-33.9	2.5	65	98	3.56			-33.9	2.5		395311.06	6908584.11	1210.00
1124844	29/08/2016	200122	47	N	437.5		25.2	-31.5	2.1	92	98	4.07			-31.5	2.1		395314.43	6908594.82	1211.00
1124844	29/08/2016	200206	47	N	450		25.2	-35.6	1.6	98	90	4.05			-35.6	1.6		395324.61	6908601.34	1211.00
1124844	29/08/2016	200246	47	N	462.5		25.2	-37.8	0.2	99	94	4.14			-37.8	0.2		395334.66	6908607.63	1214.00
1124844	29/08/2016	200318	47	N	475		25.2	-36.7	-0.7	100	100	4.29			-36.7	-0.7		395343.24	6908618.46	1218.00
1124844	29/08/2016	200354	47	N	487.5		25.2	-26.4	0.4	100	99	4.28			-26.4	0.4		395351.62	6908626.54	1219.00
1124844	29/08/2016	200430	47	N	500		25.2	-13.9	3	95	98	4.16			-13.9	3		395359.39	6908635.49	1221.00
1124844	29/08/2016	200510	47	N	512.5		25.2	-10.9	1.7	99	100	4.27			-10.9	1.7		395366.66	6908645.39	1223.00
1124844	29/08/2016	200546	47	N	525		25.2	-12.9	-1.5	35	98	3.15			-12.9	-1.5		395374.06	6908655.46	1225.00
1124844	29/08/2016	200622	47	N	537.5		25.2	-10.5	-3.5	52	98	3.36			-10.5	-3.5		395377.38	6908667.19	1226.00
1124844	29/08/2016	200702	47	N	550		25.2	-13.4	-2.5	100	100	4.29			-13.4	-2.5		395381.03	6908677.81	1228.00
1124844	29/08/2016	200746	47	N	562.5		25.2	0.8	-3	99	94	4.14			0.8	-3		395390.08	6908687.46	1231.00
1124844	29/08/2016	200858	47	N	575		25.2	-1.7	-2.5	99	98	4.24			-1.7	-2.5		395401.67	6908694.52	1232.00
1124844	29/08/2016	200938	47	N	587.5		25.2	-1	-7.3	99	98	4.25			-1	-7.3		395409.48	6908702.38	1234.00
1124844	29/08/2016	201046	47	N	600		25.2	-3.8	-8.7	89	98	4.02			-3.8	-8.7		395415.59	6908712.51	1235.00
1124844	29/08/2016	201126	47	N	612.5		25.2	4.6	-4.9	96	99	4.2			4.6	-4.9		395421.17	6908723.17	1236.00
1124844	29/08/2016	201206	47	N	625		25.2	12.2	-7.9	90	98	4.04			12.2	-7.9		395428.39	6908734.70	1237.00
1124844	29/08/2016	201242	47	N	637.5		25.2	9.7	-9	98	99	4.24			9.7	-9		395433.13	6908741.91	1238.00
1124844	29/08/2016	201326	47	N	650		25.2	3.3	-9.4	99	96	4.18			3.3	-9.4		395440.30	6908750.78	1240.00
1124844	29/08/2016	201402	47	N	662.5		25.2	5.4	-12.9	99	99	4.26			5.4	-12.9		395449.20	6908761.36	1242.00
1124844	29/08/2016	201454	47	N	675		25.2	6.6	-12.8	96	99	4.19			6.6	-12.8		395455.68	6908771.03	1244.00
1124844	29/08/2016	201530	47	N	687.5		25.2	10.6	-11.8	88	98	4			10.6	-11.8		395463.23	6908780.92	1246.00
1124844	29/08/2016	201602	47	N	700		25.2	5.9	-9.8	99	100	4.27			5.9	-9.8		395468.78	6908793.29	1248.00
1124844	29/08/2016	201630	47	N	712.5		25.2	15.9	-10.7	99	100	4.27			15.9	-10.7		395474.29	6908801.43	1249.00
1124844	29/08/2016	201706	47	N	725		25.2	16.2	-10.6	99	96	4.17			16.2	-10.6		395481.72	6908813.12	1252.00
1124844	29/08/2016	201738	47	N	737.5		25.2	18.6	-10.3	97	93	4.1			18.6	-10.3		395491.84	6908822.65	1255.00
1124844	29/08/2016	201810	47	N	750		25.2	18.3	-10.9	98	90	4.04			18.3	-10.9		395499.17	6908828.95	1256.00
1124844	29/08/2016	201842	47	N	762.5		25.2	15.2	-10.9	94	97	4.1			15.2	-10.9		395507.53	6908837.68	1258.00
1124844	29/08/2016	201914	47	N	775		25.2	10.2	-15.1	93	98	4.11			10.2	-15.1		395514.09	6908848.79	1259.00
1124844	29/08/2016	201946	47	N	787.5		25.2	15.4	-10.9	69	98	3.64			15.4	-10.9		395520.01	6908861.06	1260.00
1124844	29/08/2016	202026	47	N	800		25.2	25.6	-4.5	95	98	4.14			25.6	-4.5		395526.26	6908875.04	1261.00
1124844	29/08/2016	202050	47	N	812.5		25.2	26.4	-2.4	91	98	4.05			26.4	-2.4		395530.45	6908882.22	1262.00
1124844	29/08/2016	202118	47	N	825		25.2	23.6	-1	96	93	4.07			23.6	-1		395537.26	6908892.57	1261.00
1124844	29/08/2016	202146	47	N	837.5		25.2	27.9	-0.3	93	97	4.1			27.9	-0.3		395545.06	6908902.40	1259.00
1124844	29/08/2016	202214	47	N	850		25.2	30.2	-0.4	95	98	4.16			30.2	-0.4		395552.71	6908912.20	1257.00
1124844	29/08/2016	202246	47	N	862.5		25.2	27.9	-1	91	94	3.97	2					395561.07	6908921.56	1255.00
1124844	29/08/2016	202302	47	N	862.5		25.2	27.7	-1	97	89	3.99	1					395561.12	6908921.47	1255.00
1124844	29/08/2016	202322	47	N	862.5		25.2	28.4	-1.1	98	94	4.14			28.4	-1.1		395561.08	6908921.64	1255.00
1124844	29/08/2016	212042	48	N	0		25.2	-24.8	6.1	80	97	3.82	2					395121.59	6908197.18	1143.00
1124844	29/08/2016	212058	48	N	0		25.2	-23.1	6.3	87	92	3.85			-23.1	6.3		395121.41	6908197.39	1144.00
1124844	29/08/2016	212114	48	N	0		25.2	-22.6	5.8	83	93	3.79	1					395121.37	6908197.33	1144.00
1124844	29/08/2016	212130	48	N	0		25.2	-23.6	5.7	81	96	3.81	1					395121.45	6908196.95	1144.00
1124844	29/08/2016	212002	48	N	12.5		25.2	-27.4	6.9	64	96	3.51			-27.4	6.9		395130.62	6908207.84	1144.00
1124844	29/08/2016	211930	48	N	25		25.2	-21	7	76	96	3.72			-21	7		395138.24	6908216.69	1147.00
1124844	29/08/2016	211854	48	N	37.5		25.2	-22.3	7.2	77	97	3.77			-22.3	7.2		395142.57	6908227.72	1150.00
1124844	29/08/2016	211826	48	N	50		25.2	-24.9	8.4	76	92	3.63			-24.9	8.4		395146.56	6908236.94	1153.00
1124844	29/08/2016	211730	48	N	62.5		25.2	-27.5	5.9	76	96	3.72			-27.5	5.9		395152.26	6908246.27	1153.00
1124844	29/08/2016	211658	48	N	75		25.2	-25.6	6.6	76	96	3.71			-25.6	6.6		395161.34	6908258.84	1155.00
1124844	29/08/2016	211630	48	N	87.5		25.2	-29.7	4.9	70	93	3.54			-29.7	4.9		395168.31	6908269.02	1157.00
1124844	29/08/2016	211558	48	N	100		25.2	-32.6	3.1	88	95	3.95			-32.6	3.1		395173.80	6908280.15	1159.00
1124844	29/08/2016	211506	48	N	112.5		25.2	-28.8	1.6	91	97	4.04			-28.8	1.6		395179.92	6908286.75	1161.00
1124844	29/08/2016	211350	48	N	125		25.2	-22	5	88	98	3.99			-22	5		395184.22	6908295.93	1163.00
1124844	29/08/2016	211314	48	N	137.5		25.2	-15	6.4	89	97	4			-15	6.4		395191.12	6908304.78	1165.00
1124844	29/08/2016	211230	48	N	150		25.2	-11.9	8	85	95	3.87			-11.9	8		395198.93	6908315.87	1167.00
1124844	29/08/2016	211158	48	N	162.5		25.2	-8.3	9.7	90	90	3.88			-8.3	9.7		395206.86	6908326.42	1169.00
1124844	29/08/2016	211130	48	N	175		25.2	-12	7	69	95	3.57			-12	7		395212.07	6908333.86	1171.00
1124844	29/08/2016	211050	48	N	187.5		25.2	-18.2	3.6	73	95	3.63			-18.2	3.6		395221.88	6908347.27	1173.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	29/08/2016	211022	48	N	200		25.2	-15	0.7	65	97	3.56			-15	0.7		395226.42	6908354.08	1175.00
1124844	29/08/2016	210934	48	N	212.5		25.2	-22.7	5.6	68	96	3.57			-22.7	5.6		395236.28	6908367.42	1178.00
1124844	29/08/2016	210902	48	N	225		25.2	-15.8	6.4	89	96	3.99			-15.8	6.4		395243.70	6908376.54	1179.00
1124844	29/08/2016	210834	48	N	237.5		25.2	-12.8	8.4	82	95	3.81			-12.8	8.4		395250.40	6908387.27	1182.00
1124844	29/08/2016	210402	48	N	250		25.2	-9.2	10.7	78	94	3.73	1					395256.49	6908395.62	1183.00
1124844	29/08/2016	210558	48	N	250		25.2	-9.7	11.3	81	93	3.76			-9.7	11.3		395256.46	6908397.31	1181.00
1124844	29/08/2016	210334	48	N	262.5		25.2	-12.5	12.6	79	85	3.53			-12.5	12.6		395264.19	6908406.46	1185.00
1124844	29/08/2016	210154	48	N	275		25.2	-19.9	8.7	67	84	3.28	1					395270.72	6908415.31	1189.00
1124844	29/08/2016	210254	48	N	275		25.2	-20.6	10.1	71	87	3.42			-20.6	10.1		395271.26	6908415.10	1187.00
1124844	29/08/2016	210106	48	N	287.5		25.2	-24.5	8.7	69	89	3.43			-24.5	8.7		395279.82	6908427.34	1191.00
1124844	29/08/2016	210038	48	N	300		25.2	-23.7	11.2	80	93	3.72			-23.7	11.2		395285.28	6908435.10	1192.00
1124844	29/08/2016	205950	48	N	312.5		25.2	-26	9.2	73	92	3.56			-26	9.2		395293.52	6908447.13	1195.00
1124844	29/08/2016	205918	48	N	325		25.2	-29.5	8.8	81	90	3.7			-29.5	8.8		395300.35	6908456.26	1196.00
1124844	29/08/2016	205850	48	N	337.5		25.2	-36.3	7.8	70	88	3.42			-36.3	7.8		395307.42	6908467.07	1198.00
1124844	29/08/2016	205818	48	N	350		25.2	-35.4	8.6	76	88	3.52			-35.4	8.6		395313.14	6908476.72	1201.00
1124844	29/08/2016	205722	48	N	362.5		25.2	-40.2	9	72	94	3.61			-40.2	9		395321.36	6908488.93	1202.00
1124844	29/08/2016	205642	48	N	375		25.2	-39.2	10.4	83	92	3.77			-39.2	10.4		395327.09	6908498.62	1204.00
1124844	29/08/2016	205614	48	N	387.5		25.2	-34	14.2	82	94	3.79			-34	14.2		395333.58	6908506.73	1207.00
1124844	29/08/2016	205542	48	N	400		25.2	-34	13.2	89	92	3.89			-34	13.2		395340.59	6908518.29	1210.00
1124844	29/08/2016	205506	48	N	412.5		25.2	-36.8	15.9	81	90	3.68			-36.8	15.9		395347.52	6908528.59	1209.00
1124844	29/08/2016	205434	48	N	425		25.2	-36.1	13.6	81	90	3.67			-36.1	13.6		395353.85	6908536.70	1212.00
1124844	29/08/2016	205358	48	N	437.5		25.2	-34.2	9.6	94	94	4.03			-34.2	9.6		395360.64	6908545.38	1213.00
1124844	29/08/2016	205330	48	N	450		25.2	-43.6	10.9	86	94	3.89			-43.6	10.9		395368.21	6908557.81	1215.00
1124844	29/08/2016	205254	48	N	462.5		25.2	-48.1	12.3	46	46	3.98			-48.1	12.3		395375.78	6908567.20	1217.00
1124844	29/08/2016	205226	48	N	475		25.2	-48	9.6	40	50	3.88			-48	9.6		395381.57	6908577.99	1219.00
1124844	29/08/2016	205150	48	N	487.5		25.2	-46.8	8.6	44	52	4.13			-46.8	8.6		395388.89	6908589.13	1221.00
1124844	29/08/2016	205106	48	N	500		25.2	-38.8	11	41	65	4.66			-38.8	11		395397.28	6908599.67	1222.00
1124844	29/08/2016	205022	48	N	512.5		25.2	-23.3	13.3	68	47	5.04			-23.3	13.3		395401.89	6908608.52	1224.00
1124844	29/08/2016	204946	48	N	525		25.2	-21.2	14.3	46	54	4.33			-21.2	14.3		395410.38	6908616.82	1226.00
1124844	29/08/2016	204902	48	N	537.5		25.2	-22.4	11.3	47	52	4.26			-22.4	11.3		395416.85	6908625.79	1227.00
1124844	29/08/2016	204826	48	N	550		25.2	-26.5	9.2	50	52	4.41			-26.5	9.2		395424.24	6908636.19	1230.00
1124844	29/08/2016	204606	48	N	562.5		25.2	-28.6	6.8	48	54	4.4			-28.6	6.8		395428.85	6908642.59	1230.00
1124844	29/08/2016	204530	48	N	575		25.2	-30.6	3.9	49	54	4.48			-30.6	3.9		395437.28	6908653.88	1233.00
1124844	29/08/2016	204450	48	N	587.5		25.2	-23.4	4.8	54	60	4.92			-23.4	4.8		395442.97	6908665.95	1235.00
1124844	29/08/2016	204418	48	N	600		25.2	-17.7	3.8	56	53	4.7			-17.7	3.8		395450.30	6908677.54	1236.00
1124844	29/08/2016	204346	48	N	612.5		25.2	-16.7	1.4	58	63	5.22			-16.7	1.4		395458.66	6908687.74	1237.00
1124844	29/08/2016	204310	48	N	625		25.2	-8.1	6.1	54	57	4.8			-8.1	6.1		395466.54	6908696.86	1239.00
1124844	29/08/2016	204238	48	N	637.5		25.2	-4.6	5.7	54	58	4.82			-4.6	5.7		395473.93	6908706.36	1241.00
1124844	29/08/2016	204210	48	N	650		25.2	-4.5	1.3	52	55	4.65			-4.5	1.3		395480.92	6908716.36	1242.00
1124844	29/08/2016	204138	48	N	662.5		25.2	-7.9	0.8	47	56	4.45			-7.9	0.8		395486.35	6908724.93	1244.00
1124844	29/08/2016	204110	48	N	675		25.2	-7.9	-0.5	52	59	4.78			-7.9	-0.5		395494.26	6908735.76	1246.00
1124844	29/08/2016	204046	48	N	687.5		25.2	-8.8	-1.5	55	47	4.41			-8.8	-1.5		395500.02	6908746.08	1247.00
1124844	29/08/2016	204014	48	N	700		25.2	-9.4	-2.4	49	55	4.49			-9.4	-2.4		395505.87	6908753.78	1249.00
1124844	29/08/2016	203934	48	N	712.5		25.2	-8.6	-3	49	54	4.43			-8.6	-3		395514.42	6908766.34	1251.00
1124844	29/08/2016	203910	48	N	725		25.2	-8.7	-5	26	66	4.31			-8.7	-5		395519.78	6908773.74	1252.00
1124844	29/08/2016	203830	48	N	737.5		25.2	-2.7	-0.6	48	59	4.65			-2.7	-0.6		395529.68	6908787.40	1255.00
1124844	29/08/2016	203742	48	N	750		25.2	2.3	0.8	57	62	5.1			2.3	0.8		395537.17	6908798.01	1256.00
1124844	29/08/2016	203642	48	N	762.5		25.2	5	1.1	50	59	4.71			5	1.1		395544.01	6908808.33	1258.00
1124844	29/08/2016	203614	48	N	775		25.2	1.8	-0.8	55	58	4.86			1.8	-0.8		395550.48	6908817.20	1258.00
1124844	29/08/2016	203550	48	N	787.5		25.2	2.2	-0.7	48	59	4.63			2.2	-0.7		395557.63	6908827.01	1260.00
1124844	29/08/2016	203518	48	N	800		25.2	8.4	1	49	58	4.62			8.4	1		395565.05	6908836.93	1260.00
1124844	29/08/2016	203450	48	N	812.5		25.2	7.5	1.2	44	58	4.42			7.5	1.2		395572.28	6908847.25	1261.00
1124844	29/08/2016	203422	48	N	825		25.2	10.5	2.6	41	62	4.56			10.5	2.6		395580.12	6908858.00	1263.00
1124844	29/08/2016	203342	48	N	837.5		25.2	16.2	6.7	46	58	4.52			16.2	6.7		395587.76	6908866.97	1263.00
1124844	29/08/2016	203314	48	N	850		25.2	20.7	8.6	37	62	4.42			20.7	8.6		395595.81	6908877.90	1263.00
1124844	29/08/2016	202902	48	N	862.5		25.2	-29.7	-7.3	-126	56	4.2	2					395596.36	6908891.00	1264.00
1124844	29/08/2016	203154	48	N	862.5		25.2	23.8	10.5	-13	69	4.27	1					395604.21	6908890.80	1263.00
1124844	29/08/2016	203230	48	N	862.5	Bad Point	25.2	23.6	11.8	9	70	4.29			23.6	11.8		395604.48	6908890.50	1263.00
1124844	29/08/2016	214526	49	N	0		25.2	-6.9	-0.7	50	98	3.33			-6.9	-0.7		395162.46	6908167.24	1149.00
1124844	29/08/2016	214542	49	N	0		25.2	-7.2	-0.6	55	98	3.41	1					395161.84	6908166.99	1148.00
1124844	29/08/2016	214614	49	N	12.5		25.2	-6.4	-1.1	68	97	3.6			-6.4	-1.1		395168.18	6908176.07	1149.00
1124844	29/08/2016	214702	49	N	25		25.2	-5.9	-2.6	78	94	3.72			-5.9	-2.6		395176.19	6908186.66	1150.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	29/08/2016	214750	49	N	37.5		25.2	-15.9	-3.3	66	97	3.56			-15.9	-3.3		395183.49	6908196.16	1153.00
1124844	29/08/2016	214830	49	N	50		25.2	-20.8	-5.5	72	97	3.69			-20.8	-5.5		395191.47	6908207.76	1155.00
1124844	29/08/2016	214902	49	N	62.5		25.2	-16	-2.1	85	97	3.93			-16	-2.1		395198.34	6908216.82	1157.00
1124844	29/08/2016	214934	49	N	75		25.2	-15.5	-3.2	89	95	3.95			-15.5	-3.2		395207.09	6908224.97	1160.00
1124844	29/08/2016	215006	49	N	87.5		25.2	-19.5	-4.2	68	96	3.58			-19.5	-4.2		395212.09	6908232.84	1161.00
1124844	29/08/2016	215042	49	N	100		25.2	-22.7	-3.8	75	96	3.7			-22.7	-3.8		395219.13	6908242.74	1163.00
1124844	29/08/2016	215114	49	N	112.5		25.2	-28.8	-8.4	57	98	3.43			-28.8	-8.4		395224.74	6908255.29	1165.00
1124844	29/08/2016	215222	49	N	125		25.2	-27.1	-6.6	79	98	3.82			-27.1	-6.6		395232.28	6908266.36	1168.00
1124844	29/08/2016	215258	49	N	137.5		25.2	-20	-5.1	94	98	4.14			-20	-5.1		395238.05	6908275.31	1170.00
1124844	29/08/2016	215334	49	N	150		25.2	-14.6	-3.3	98	99	4.23			-14.6	-3.3		395246.20	6908285.16	1173.00
1124844	29/08/2016	215402	49	N	162.5		25.2	-12.9	-4.6	93	99	4.12			-12.9	-4.6		395251.98	6908296.38	1174.00
1124844	29/08/2016	215450	49	N	175		25.2	-9.9	-3.2	98	92	4.1			-9.9	-3.2		395259.48	6908306.60	1175.00
1124844	29/08/2016	215526	49	N	187.5		25.2	-10	-2.5	93	95	4.04			-10	-2.5		395266.58	6908315.09	1178.00
1124844	29/08/2016	215610	49	N	200		25.2	-11.2	-1.6	91	96	4.03			-11.2	-1.6		395274.04	6908325.81	1180.00
1124844	29/08/2016	215642	49	N	212.5		25.2	-10	-2.7	94	97	4.11			-10	-2.7		395281.30	6908336.04	1181.00
1124844	29/08/2016	215718	49	N	225		25.2	-13.2	-2.8	91	98	4.06			-13.2	-2.8		395288.72	6908346.42	1183.00
1124844	29/08/2016	215758	49	N	237.5		25.2	-9.4	-3	98	97	4.19			-9.4	-3		395293.65	6908357.78	1184.00
1124844	29/08/2016	215838	49	N	250		25.2	-9.2	-0.2	97	96	4.16			-9.2	-0.2		395299.07	6908365.23	1186.00
1124844	29/08/2016	215954	49	N	262.5		25.2	-3.4	4.3	73	98	3.71			-3.4	4.3		395309.28	6908377.49	1189.00
1124844	29/08/2016	220050	49	N	275		25.2	-6.4	2.1	75	94	3.66			-6.4	2.1		395315.19	6908385.46	1190.00
1124844	29/08/2016	220130	49	N	287.5		25.2	-9.5	-0.2	92	93	3.98			-9.5	-0.2		395323.22	6908394.90	1194.00
1124844	29/08/2016	220226	49	N	300		25.2	-16.4	-0.4	44	98	3.26			-16.4	-0.4		395328.41	6908407.86	1200.00
1124844	29/08/2016	220654	49	N	312.5		25.2	-16.8	-0.6	52	97	3.36			-16.8	-0.6		395331.52	6908416.39	1198.00
1124844	29/08/2016	220818	49	N	325		25.2	-20	-0.1	87	95	3.92	1					395337.25	6908427.38	1199.00
1124844	29/08/2016	220834	49	N	325		25.2	-18.3	-0.8	91	95	4			-18.3	-0.8		395337.03	6908427.36	1199.00
1124844	29/08/2016	220950	49	N	337.5		25.2	-21.8	-2.1	97	78	3.79			-21.8	-2.1		395345.34	6908438.25	1199.00
1124844	29/08/2016	221030	49	N	350		25.2	-23.5	-4.9	97	77	3.77			-23.5	-4.9		395352.96	6908445.46	1200.00
1124844	29/08/2016	221110	49	N	362.5		25.2	-25	-0.8	83	95	3.83			-25	-0.8		395362.45	6908454.40	1206.00
1124844	29/08/2016	221150	49	N	375		25.2	-27.4	-1.2	91	97	4.04			-27.4	-1.2		395368.69	6908462.56	1209.00
1124844	29/08/2016	221234	49	N	387.5		25.2	-32.7	0.7	94	97	4.1			-32.7	0.7		395374.66	6908471.80	1210.00
1124844	29/08/2016	221310	49	N	400		25.2	-33.3	3.8	76	97	3.76			-33.3	3.8		395380.64	6908483.51	1211.00
1124844	29/08/2016	221414	49	N	412.5		25.2	-23.4	3.6	91	93	3.96			-23.4	3.6		395387.18	6908493.34	1213.00
1124844	29/08/2016	221450	49	N	425		25.2	-23.2	4.1	79	98	3.82			-23.2	4.1		395393.06	6908505.62	1215.00
1124844	29/08/2016	221522	49	N	437.5		25.2	-32.9	5.8	70	98	3.65			-32.9	5.8		395399.32	6908514.49	1215.00
1124844	29/08/2016	221614	49	N	450		25.2	-29.5	1.3	98	90	4.03			-29.5	1.3		395408.38	6908525.32	1218.00
1124844	29/08/2016	221646	49	N	462.5		25.2	-33.9	-0.4	99	96	4.19			-33.9	-0.4		395414.76	6908533.01	1219.00
1124844	29/08/2016	221730	49	N	475		25.2	-37.1	-1	99	99	4.25			-37.1	-1		395423.14	6908542.88	1222.00
1124844	29/08/2016	221814	49	N	487.5		25.2	-38.2	-1.1	99	98	4.23			-38.2	-1.1		395428.94	6908553.33	1223.00
1124844	29/08/2016	221858	49	N	500		25.2	-33.6	1.4	99	100	4.27			-33.6	1.4		395436.21	6908560.37	1224.00
1124844	29/08/2016	221930	49	N	512.5		25.2	-13.6	4.9	95	99	4.16			-13.6	4.9		395444.30	6908569.77	1227.00
1124844	29/08/2016	222018	49	N	525		25.2	-16.5	3.3	84	98	3.92			-16.5	3.3		395451.32	6908581.17	1228.00
1124844	29/08/2016	222158	49	N	537.5		25.2	-24.1	-0.9	97	98	4.19			-24.1	-0.9		395458.19	6908590.18	1230.00
1124844	29/08/2016	222246	49	N	550		25.2	-21.5	1.3	97	99	4.21			-21.5	1.3		395465.38	6908598.71	1232.00
1124844	29/08/2016	222326	49	N	562.5		25.2	-22.6	-3.8	89	98	4.03			-22.6	-3.8		395471.97	6908609.82	1234.00
1124844	29/08/2016	222402	49	N	575		25.2	-28.9	-5.5	87	98	3.98			-28.9	-5.5		395477.59	6908621.04	1234.00
1124844	29/08/2016	222446	49	N	587.5		25.2	-26.8	-6.3	96	99	4.19			-26.8	-6.3		395483.59	6908630.92	1236.00
1124844	29/08/2016	222502	49	N	587.5		25.2	-26.9	-5.2	92	98	4.08	1					395483.80	6908631.00	1236.00
1124844	29/08/2016	222546	49	N	600		25.2	-24	-6.2	100	98	4.25			-24	-6.2		395492.34	6908641.13	1238.00
1124844	29/08/2016	222618	49	N	612.5		25.2	-21.3	-6.3	100	100	4.29			-21.3	-6.3		395500.93	6908649.29	1240.00
1124844	29/08/2016	222754	49	N	625		25.2	-10.1	-5	99	98	4.23			-10.1	-5		395509.72	6908656.79	1241.00
1124844	29/08/2016	222838	49	N	637.5		25.2	-0.8	-4	84	98	3.92			-0.8	-4		395515.42	6908668.75	1243.00
1124844	29/08/2016	222918	49	N	650		25.2	0.7	-5.8	97	99	4.22			0.7	-5.8		395521.86	6908680.13	1245.00
1124844	29/08/2016	222946	49	N	662.5		25.2	3.1	-5.1	98	99	4.24			3.1	-5.1		395527.75	6908689.17	1245.00
1124844	29/08/2016	223018	49	N	675		25.2	4.2	-6.6	100	99	4.27			4.2	-6.6		395532.27	6908700.28	1247.00
1124844	29/08/2016	223050	49	N	687.5		25.2	2.4	-5.6	99	100	4.26			2.4	-5.6		395539.06	6908710.19	1249.00
1124844	29/08/2016	223126	49	N	700		25.2	0.4	-9	99	96	4.2			0.4	-9		395547.26	6908720.07	1251.00
1124844	29/08/2016	223158	49	N	712.5		25.2	-4.2	-12.4	99	98	4.24			-4.2	-12.4		395556.10	6908730.68	1253.00
1124844	29/08/2016	223418	49	N	725		25.2	-4.9	-14.9	98	99	4.24			-4.9	-14.9		395562.15	6908738.00	1254.00
1124844	29/08/2016	223502	49	N	737.5		25.2	-7.8	-14.9	100	100	4.29			-7.8	-14.9		395569.28	6908748.51	1255.00
1124844	29/08/2016	223602	49	N	750		25.2	-6	-14	97	99	4.2			-6	-14		395575.19	6908759.45	1257.00
1124844	29/08/2016	223634	49	N	762.5		25.2	-2.7	-14.8	100	100	4.28			-2.7	-14.8		395581.12	6908769.31	1258.00
1124844	29/08/2016	223718	49	N	775		25.2	-0.3	-16.3	99	99	4.25			-0.3	-16.3		395589.32	6908781.91	1259.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	29/08/2016	223750	49	N	787.5		25.2	2.4	-11.9	94	99	4.15			2.4	-11.9		395594.50	6908791.14	1261.00
1124844	29/08/2016	223854	49	N	800		25.2	10.7	-9.2	98	99	4.24			10.7	-9.2		395601.14	6908801.47	1262.00
1124844	29/08/2016	223934	49	N	812.5		25.2	20.8	-6.8	87	98	3.99			20.8	-6.8		395608.76	6908814.25	1263.00
1124844	29/08/2016	224010	49	N	825		25.2	23.4	-5.7	98	99	4.24			23.4	-5.7		395615.23	6908824.76	1264.00
1124844	29/08/2016	224058	49	N	837.5		25.2	25.9	-7.4	100	100	4.29			25.9	-7.4		395621.32	6908832.63	1264.00
1124844	29/08/2016	224126	49	N	850		25.2	23.9	-5.2	93	99	4.13			23.9	-5.2		395628.82	6908843.45	1265.00
1124844	29/08/2016	224202	49	N	862.5		25.2	30.2	-2.9	98	98	4.21			30.2	-2.9		395636.57	6908853.96	1265.00
1124844	29/08/2016	224234	49	N	875		25.2	32.1	0	92	98	4.08			32.1	0		395644.75	6908865.08	1266.00
1124844	29/08/2016	224250	49	N	875		25.2	33.9	-0.2	87	97	3.96	1					395644.64	6908865.07	1266.00
1124844	29/08/2016	224306	49	N	875		25.2	32.9	0.2	90	98	4.05	1					395644.61	6908864.91	1266.00
1124844	29/08/2016	233050	50	N	0		25.2	-14.2	5.1	63	98	3.54	1					395237.10	6908102.64	1149.00
1124844	29/08/2016	233106	50	N	0		25.2	-14.4	5	65	98	3.57			-14.4	5		395237.10	6908101.98	1150.00
1124844	29/08/2016	233122	50	N	0		25.2	-14.8	5	62	97	3.51	2					395236.44	6908101.78	1151.00
1124844	29/08/2016	233018	50	N	12.5		25.2	-14.9	7.1	92	91	3.95			-14.9	7.1		395242.72	6908114.44	1151.00
1124844	29/08/2016	232950	50	N	25		25.2	-17.1	6.5	82	92	3.75			-17.1	6.5		395248.63	6908123.34	1153.00
1124844	29/08/2016	232906	50	N	37.5		25.2	-23	8.4	98	52	3.37			-23	8.4		395254.75	6908132.63	1155.00
1124844	29/08/2016	232838	50	N	50		25.2	-19.6	6.1	94	74	3.62			-19.6	6.1		395264.04	6908140.85	1156.00
1124844	29/08/2016	232806	50	N	62.5		25.2	-23.6	4.1	95	82	3.81			-23.6	4.1		395275.08	6908147.99	1158.00
1124844	29/08/2016	232742	50	N	75		25.2	-25.8	1.2	63	97	3.52			-25.8	1.2		395279.79	6908159.29	1161.00
1124844	29/08/2016	232718	50	N	87.5		25.2	-27.2	2.8	67	94	3.52			-27.2	2.8		395283.90	6908169.22	1163.00
1124844	29/08/2016	232650	50	N	100		25.2	-24	6.6	86	81	3.6			-24	6.6		395289.14	6908181.18	1165.00
1124844	29/08/2016	232626	50	N	112.5		25.2	-30	3.4	97	83	3.88			-30	3.4		395299.22	6908189.67	1168.00
1124844	29/08/2016	232602	50	N	125		25.2	-30.8	2.7	80	94	3.76			-30.8	2.7		395305.24	6908200.95	1169.00
1124844	29/08/2016	232538	50	N	137.5		25.2	-29.9	3.3	97	85	3.92			-29.9	3.3		395310.79	6908210.92	1171.00
1124844	29/08/2016	232510	50	N	150		25.2	-32.5	2.5	74	97	3.69			-32.5	2.5		395319.40	6908219.87	1174.00
1124844	29/08/2016	232446	50	N	162.5		25.2	-30.2	0.3	86	95	3.88			-30.2	0.3		395324.24	6908229.57	1176.00
1124844	29/08/2016	232426	50	N	175		25.2	-32.3	2	89	98	4.01			-32.3	2		395331.16	6908239.95	1177.00
1124844	29/08/2016	232402	50	N	187.5		25.2	-21.3	6.7	93	97	4.07			-21.3	6.7		395338.67	6908250.67	1179.00
1124844	29/08/2016	232338	50	N	200		25.2	-19.8	7.2	83	96	3.86			-19.8	7.2		395346.21	6908261.11	1181.00
1124844	29/08/2016	232314	50	N	212.5		25.2	-21	7.5	99	93	4.13			-21	7.5		395353.10	6908270.02	1184.00
1124844	29/08/2016	232250	50	N	225		25.2	-21.2	8.3	95	91	3.99			-21.2	8.3		395362.16	6908280.91	1186.00
1124844	29/08/2016	232226	50	N	237.5		25.2	-19.5	8.7	81	97	3.84			-19.5	8.7		395370.04	6908288.83	1188.00
1124844	29/08/2016	232202	50	N	250		25.2	-20	6.7	97	90	4.01			-20	6.7		395374.92	6908299.58	1191.00
1124844	29/08/2016	232138	50	N	262.5		25.2	-21.5	5.2	91	97	4.04			-21.5	5.2		395382.68	6908310.93	1194.00
1124844	29/08/2016	232114	50	N	275		25.2	-14.7	11.6	98	75	3.75			-14.7	11.6		395389.76	6908320.30	1196.00
1124844	29/08/2016	232050	50	N	287.5		25.2	-11.7	10.8	80	95	3.79			-11.7	10.8		395398.07	6908330.32	1198.00
1124844	29/08/2016	232030	50	N	300		25.2	-13.2	14.7	45	92	3.1			-13.2	14.7		395402.65	6908340.15	1200.00
1124844	29/08/2016	232006	50	N	312.5		25.2	-20.1	9.1	89	91	3.88			-20.1	9.1		395409.81	6908350.66	1202.00
1124844	29/08/2016	231938	50	N	325		25.2	-23.8	8.2	71	94	3.59			-23.8	8.2		395416.50	6908361.67	1204.00
1124844	29/08/2016	231914	50	N	337.5		25.2	-25.1	9.6	70	95	3.59			-25.1	9.6		395422.92	6908370.19	1205.00
1124844	29/08/2016	231850	50	N	350		25.2	-28.1	6.5	94	90	3.95			-28.1	6.5		395431.00	6908378.69	1209.00
1124844	29/08/2016	231826	50	N	362.5		25.2	-36	7.2	73	96	3.67			-36	7.2		395436.41	6908388.38	1211.00
1124844	29/08/2016	231758	50	N	375		25.2	-37.6	8.5	86	90	3.78			-37.6	8.5		395444.55	6908399.73	1215.00
1124844	29/08/2016	231734	50	N	387.5		25.2	-37.8	8.7	93	88	3.9			-37.8	8.7		395450.96	6908408.29	1216.00
1124844	29/08/2016	231706	50	N	400		25.2	-36.8	6.9	90	94	3.95			-36.8	6.9		395457.89	6908417.23	1217.00
1124844	29/08/2016	231638	50	N	412.5		25.2	-32.8	5.5	89	96	3.97			-32.8	5.5		395464.69	6908427.54	1220.00
1124844	29/08/2016	231614	50	N	425		25.2	-33.6	6.8	93	98	4.11			-33.6	6.8		395470.83	6908437.30	1222.00
1124844	29/08/2016	231550	50	N	437.5		25.2	-33.1	6.2	93	98	4.1			-33.1	6.2		395478.31	6908448.32	1224.00
1124844	29/08/2016	231526	50	N	450		25.2	-34.2	4.6	93	98	4.12			-34.2	4.6		395485.61	6908458.75	1227.00
1124844	29/08/2016	231502	50	N	462.5		25.2	-38.6	5.1	91	98	4.07			-38.6	5.1		395493.73	6908469.10	1229.00
1124844	29/08/2016	231434	50	N	475		25.2	-38.9	4	94	98	4.13			-38.9	4		395499.80	6908480.12	1230.00
1124844	29/08/2016	231410	50	N	487.5		25.2	-36.5	12.8	87	98	3.98			-36.5	12.8		395506.87	6908490.62	1231.00
1124844	29/08/2016	231238	50	N	500		25.2	-17.6	13.8	99	98	4.25			-17.6	13.8		395512.20	6908501.13	1233.00
1124844	29/08/2016	231210	50	N	512.5		25.2	-14.4	10.6	99	99	4.24			-14.4	10.6		395520.25	6908510.58	1235.00
1124844	29/08/2016	231142	50	N	525		25.2	-15.9	8	94	98	4.13			-15.9	8		395527.99	6908519.81	1236.00
1124844	29/08/2016	231114	50	N	537.5		25.2	-21.1	10.4	82	98	3.87			-21.1	10.4		395534.89	6908528.83	1238.00
1124844	29/08/2016	230954	50	N	550		25.2	-9.2	9.2	97	99	4.21			-9.2	9.2		395542.85	6908538.82	1238.00
1124844	29/08/2016	230918	50	N	562.5		25.2	-10.4	9	96	97	4.15			-10.4	9		395551.35	6908549.15	1239.00
1124844	29/08/2016	230858	50	N	575		25.2	-16.4	7.8	75	98	3.74			-16.4	7.8		395556.39	6908558.74	1241.00
1124844	29/08/2016	230834	50	N	587.5		25.2	-23.2	3.9	68	98	3.63			-23.2	3.9		395563.30	6908569.85	1242.00
1124844	29/08/2016	230746	50	N	600		25.2	-32.4	1.5	80	94	3.73			-32.4	1.5		395570.07	6908579.48	1244.00
1124844	29/08/2016	230722	50	N	612.5		25.2	-33.7	0	95	92	4.03			-33.7	0		395576.89	6908588.99	1246.00

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z	y_wgs84z	z
1124844	29/08/2016	230658	50	N	625		25.2	-42	-5	93	99	4.12			-42	-5		395584.30	6908600.06	1247.00
1124844	29/08/2016	230634	50	N	637.5		25.2	-43.8	-7.2	93	99	4.13			-43.8	-7.2		395591.62	6908610.48	1249.00
1124844	29/08/2016	230610	50	N	650		25.2	-25.3	2	100	100	4.31			-25.3	2		395598.68	6908621.41	1250.00
1124844	29/08/2016	230546	50	N	662.5		25.2	-13.5	5.1	100	100	4.3			-13.5	5.1		395605.99	6908630.62	1252.00
1124844	29/08/2016	230522	50	N	675		25.2	-14.6	3.8	98	100	4.26			-14.6	3.8		395614.43	6908641.01	1254.00
1124844	29/08/2016	230454	50	N	687.5		25.2	-15.4	7.3	88	99	4.02			-15.4	7.3		395622.13	6908651.91	1256.00
1124844	29/08/2016	230434	50	N	700		25.2	-5.7	5.1	100	100	4.3			-5.7	5.1		395626.80	6908660.35	1257.00
1124844	29/08/2016	230354	50	N	712.5		25.2	0	4.1	99	100	4.27			0	4.1		395634.80	6908671.79	1258.00
1124844	29/08/2016	230326	50	N	725		25.2	-9.8	4.4	99	98	4.23			-9.8	4.4		395641.79	6908682.41	1259.00
1124844	29/08/2016	230114	50	N	737.5		25.2	-12.7	1.8	86	98	3.95			-12.7	1.8		395646.00	6908693.35	1260.00
1124844	29/08/2016	230022	50	N	750		25.2	-16.3	0.1	72	98	3.69			-16.3	0.1		395653.44	6908704.40	1263.00
1124844	29/08/2016	225942	50	N	762.5		25.2	-11.8	0.8	99	100	4.28			-11.8	0.8		395659.89	6908714.58	1264.00
1124844	29/08/2016	225914	50	N	775		25.2	-10.4	0.8	96	99	4.18			-10.4	0.8		395666.63	6908724.55	1265.00
1124844	29/08/2016	225846	50	N	787.5		25.2	-13.4	1.6	96	99	4.19			-13.4	1.6		395673.70	6908734.66	1266.00
1124844	29/08/2016	225822	50	N	800		25.2	-13.2	2.4	90	98	4.05			-13.2	2.4		395680.84	6908742.74	1267.00
1124844	29/08/2016	225754	50	N	812.5		25.2	-16.4	-1.4	94	99	4.13			-16.4	-1.4		395689.38	6908752.87	1269.00
1124844	29/08/2016	225722	50	N	825		25.2	-5	4	100	100	4.29			-5	4		395696.68	6908762.74	1269.00
1124844	29/08/2016	225610	50	N	837.5		25.2	13.6	8.8	95	99	4.17			13.6	8.8		395706.16	6908773.42	1269.00
1124844	29/08/2016	225538	50	N	850		25.2	14.4	7	100	100	4.28			14.4	7		395714.24	6908783.98	1270.00
1124844	29/08/2016	225514	50	N	862.5		25.2	15.1	6.5	100	100	4.3			15.1	6.5		395721.77	6908793.13	1271.00
1124844	29/08/2016	225342	50	N	875		25.2	12.2	5.5	100	100	4.28	1					395729.55	6908803.57	1271.00
1124844	29/08/2016	225358	50	N	875		25.2	11.9	5.5	100	99	4.28	2					395729.65	6908803.70	1271.00
1124844	29/08/2016	225434	50	N	875		25.2	12.4	5.9	100	100	4.3			12.4	5.9		395729.54	6908803.32	1271.00
8042428	42616	163106	58	N	500		25.2	-16.1	-4.7	12	72	4.47	0		-16.1	-4.7		395936.9	6908205.64	1160
8042428	42616	163122	58	N	500		25.2	-16.1	-4.6	11	68	4.22	1					395937.26	6908206.2	1159
8042428	42616	163222	58	N	500		25.2	-16	-4.5	17	73	4.55	1					395936.62	6908204.94	1159
8042428	42616	163302	58	N	512.5		25.2	-13	-4.7	14	70	4.35	0		-13	-4.7		395939.94	6908215.04	1161
8042428	42616	163514	58	N	525		25.2	-10.3	-2.3	40	63	4.56	0		-10.3	-2.3		395948.49	6908226.74	1163
8042428	42616	163554	58	N	537.5		25.2	-8.2	-1.8	34	59	4.17	0		-8.2	-1.8		395955.71	6908238.4	1165
8042428	42616	163710	58	N	550		25.2	-7.9	-0.3	30	57	3.96	0		-7.9	-0.3		395964.46	6908250.76	1167
8042428	42616	163750	58	N	562.5		25.2	-7	1.3	26	67	4.4	0		-7	1.3		395968.56	6908260.54	1168
8042428	42616	163830	58	N	575		25.2	-2.2	4.2	34	58	4.07	0		-2.2	4.2		395973.84	6908266.54	1171
8042428	42616	163942	58	N	587.5		25.2	-5.3	6.5	25	58	3.85	0		-5.3	6.5		395980.73	6908277.64	1172
8042428	42616	164046	58	N	600		25.2	-7.2	6.8	28	57	3.87	0		-7.2	6.8		395982.49	6908285.51	1174
8042428	42616	164142	58	N	612.5		25.2	-11.7	8.1	30	54	3.77	0		-11.7	8.1		395991.21	6908297.72	1176
8042428	42616	164218	58	N	625		25.2	-15.5	8.4	22	50	3.33	0		-15.5	8.4		395996.12	6908308.69	1177
8042428	42616	164254	58	N	637.5		25.2	-19.2	8.9	17	54	3.45	0		-19.2	8.9		396001.84	6908318.01	1179
8042428	42616	164346	58	N	650		25.2	-20.8	9	23	55	3.62	0		-20.8	9		396007.41	6908329.66	1181
8042428	42616	164426	58	N	662.5		25.2	-21	14.2	19	58	3.74	0		-21	14.2		396017.45	6908339.32	1180
8042428	42616	164514	58	N	675		25.2	-23.7	14.6	17	55	3.49	0		-23.7	14.6		396022.57	6908349.78	1182
8042428	42616	164554	58	N	687.5		25.2	-28.2	16.7	25	52	3.55	0		-28.2	16.7		396028.45	6908359.11	1183
8042428	42616	164634	58	N	700		25.2	-31.6	15.8	23	50	3.38	0		-31.6	15.8		396038.11	6908369.33	1186
8042428	42616	164738	58	N	712.5		25.2	-34.9	19.8	22	53	3.52	0		-34.9	19.8		396044.59	6908379.29	1191
8042428	42616	164818	58	N	725		25.2	-38.3	18.5	25	55	3.66	0		-38.3	18.5		396050.33	6908388.29	1189
8042428	42616	165002	58	N	737.5		25.2	-46.4	17.1	16	57	3.64	0		-46.4	17.1		396057.3	6908402.52	1191
8042428	42616	165050	58	N	750		25.2	-57.4	14.8	24	53	3.58	0		-57.4	14.8		396065.65	6908416.45	1193
8042428	42616	165122	58	N	762.5		25.2	-58.7	11.6	26	56	3.77	0		-58.7	11.6		396067.51	6908424.33	1195
8042428	42616	165206	58	N	775		25.2	-63	9.4	34	58	4.09	0		-63	9.4		396073.79	6908430.87	1193
8042428	42616	165242	58	N	787.5		25.2	-64.4	8	13	67	4.18	0		-64.4	8		396080.39	6908439.83	1195
8042428	42616	165310	58	N	787.5		25.2	-65.4	8	17	70	4.38	1					396080.68	6908441.14	1192
8042428	42616	165430	58	N	800		25.2	-58.7	8.3	15	78	4.84	0		-58.7	8.3		396088.21	6908452.32	1196
8042428	42616	165450	58	N	800		25.2	-58.5	8.5	21	83	5.2	1					396088.22	6908451.99	1197
8042428	42616	165538	58	N	812.5		25.2	-31.8	15.8	47	80	5.67	0		-31.8	15.8		396095.25	6908462.32	1196
8042428	42616	165618	58	N	825		25.2	-18.5	17.2	43	81	5.58	0		-18.5	17.2		396101.81	6908471.36	1195
8042428	42616	170318	58	N	837.5		25.2	-15.2	15.9	32	82	5.38	0		-15.2	15.9		396110.7	6908480.24	1198
8042428	42616	170422	58	N	850		25.2	-15.6	15.1	42	75	5.23	0		-15.6	15.1		396117.02	6908488.42	1198
8042428	42616	170510	58	N	862.5		25.2	-10.9	11.4	37	79	5.3	0		-10.9	11.4		396124.08	6908499.99	1197
8042428	42616	170558	58	N	875		25.2	-14	6.7	17	79	4.93	0		-14	6.7		396130.26	6908509.41	1202
8042428	42616	170654	58	N	887.5		25.2	-17.4	0.4	4	81	4.93	0		-17.4	0.4		396138.46	6908522.28	1201
8042428	42616	170730	58	N	900		25.2	-15.1	1.6	29	80	5.2	0		-15.1	1.6		396146.34	6908531.79	1201
8042428	42616	170806	58	N	912.5		25.2	-16.8	-0.4	32	78	5.16	0		-16.8	-0.4		396149.94	6908541.63	1202
8042428	42616	170854	58	N	925		25.2	-16.9	-1.9	35	74	5.01	0		-16.9	-1.9		396154.66	6908553.49	1205

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	170938	58	N	937.5		25.2	-15	-4.5	42	73	5.13	0		-15	-4.5		396162.49	6908564.36	1208
8042428	42616	171026	58	N	950		25.2	-7.7	-3.2	40	77	5.27	0		-7.7	-3.2		396167.52	6908576.24	1207
8042428	42616	171118	58	N	962.5		25.2	-4.4	-4.9	32	78	5.15	0		-4.4	-4.9		396174.67	6908584.66	1209
8042428	42616	171210	58	N	975		25.2	4.6	-3.6	53	65	5.12	0		4.6	-3.6		396186.87	6908590	1211
8042428	42616	171318	58	N	987.5		25.2	7.8	-3.9	57	64	5.19	0		7.8	-3.9		396195.23	6908597.96	1211
8042428	42616	171430	58	N	1000		25.2	6.9	-7.6	41	66	4.72	0		6.9	-7.6		396203.03	6908607.27	1212
8042428	42616	171510	58	N	1012.5		25.2	5.2	-8.7	37	70	4.83	0		5.2	-8.7		396209.4	6908615.82	1212
8042428	42616	171550	58	N	1025		25.2	3.2	-10.3	39	64	4.58	0		3.2	-10.3		396217.21	6908626.75	1212
8042428	42616	171622	58	N	1037.5		25.2	-0.8	-12.8	34	65	4.49	0		-0.8	-12.8		396224.34	6908636.97	1214
8042428	42616	171714	58	N	1050		25.2	-2	-11.3	37	62	4.43	0		-2	-11.3		396230.01	6908647.1	1216
8042428	42616	171742	58	N	1062.5		25.2	-1.8	-10.4	41	62	4.55	0		-1.8	-10.4		396240.7	6908655.99	1217
8042428	42616	171814	58	N	1075		25.2	-1.9	-9.4	37	63	4.46	0		-1.9	-9.4		396243.74	6908666.05	1218
8042428	42616	171854	58	N	1087.5		25.2	-3.1	-8.6	38	64	4.57	0		-3.1	-8.6		396251.69	6908680.67	1217
8042428	42616	171926	58	N	1100		25.2	-2	-9.3	34	62	4.32	0		-2	-9.3		396257.3	6908691.35	1219
8042428	42616	171958	58	N	1112.5		25.2	-1.3	-6.7	45	65	4.81	0		-1.3	-6.7		396264.76	6908701.82	1220
8042428	42616	172038	58	N	1125		25.2	2.5	-4.2	57	58	4.97	0		2.5	-4.2		396270.18	6908709.91	1219
8042428	42616	172110	58	N	1137.5		25.2	4.6	-2.7	37	68	4.72	0		4.6	-2.7		396276.9	6908719.3	1220
8042428	42616	172146	58	N	1150		25.2	5.6	-1.4	43	59	4.49	0		5.6	-1.4		396288.38	6908731.53	1219
8042428	42616	172250	58	N	1162.5		25.2	3.8	-3	5	68	4.16	0		3.8	-3		396295.49	6908741.28	1219
8042428	42616	172322	58	N	1175		25.2	3.4	-2.3	4	72	4.39	0		3.4	-2.3		396298.05	6908750.76	1220
8042428	42616	172354	58	N	1187.5		25.2	6.1	0.5	33	62	4.32	0		6.1	0.5		396303.36	6908760.78	1220
8042428	42616	172426	58	N	1200		25.2	4.2	1.2	28	67	4.46	0		4.2	1.2		396310.75	6908771.27	1220
8042428	42616	172506	58	N	1212.5		25.2	8.5	5.1	33	62	4.29	0		8.5	5.1		396317.67	6908781.56	1219
8042428	42616	172538	58	N	1225		25.2	9.6	7	37	59	4.29	0		9.6	7		396324.6	6908791.01	1219
8042428	42616	172614	58	N	1237.5		25.2	10	7.2	46	53	4.27	0		10	7.2		396331.65	6908801.68	1217
8042428	42616	172658	58	N	1250		25.2	10.2	6	29	64	4.26	0		10.2	6		396340.02	6908812.26	1215
8042428	42616	172722	58	N	1250		25.2	7.8	5.4	29	64	4.27	1					396340.32	6908813	1215
8042428	42616	172746	58	N	1250		25.2	8.2	4.9	27	65	4.3	1					396340.46	6908812.76	1215
8042428	42616	180138	58	N	1250		25.2	17.9	-9.4	94	45	3.15	1					396315.28	6908832.15	1213
8042428	42616	180258	58	N	1250		25.2	19.3	-10.3	95	50	3.27	1					396315.9	6908831.26	1213
8042428	42616	181222	60	N	1237.5		25.2	8.3	-6.8	35	63	4.38	0		8.3	-6.8		396463.2	6908722.06	1212
8042428	42616	181250	60	N	1237.5		25.2	8	-6.6	36	61	4.31	1					396463.31	6908722.3	1213
8042428	42616	181322	60	N	1225		25.2	7.9	-6.3	39	62	4.45	0		7.9	-6.3		396455.76	6908712.25	1213
8042428	42616	181358	60	N	1212.5		25.2	3.1	-9	45	59	4.52	0		3.1	-9		396448.32	6908701.92	1213
8042428	42616	181434	60	N	1200		25.2	-5.9	-12.4	25	70	4.54	0		-5.9	-12.4		396437.74	6908689.48	1212
8042428	42616	181514	60	N	1187.5		25.2	-6	-13.9	41	57	4.29	0		-6	-13.9		396430.06	6908679.49	1213
8042428	42616	181558	60	N	1175		25.2	-5.7	-14.7	49	51	4.32	0		-5.7	-14.7		396421.93	6908667.81	1213
8042428	42616	181634	60	N	1162.5		25.2	-5.9	-14.4	35	56	4.04	0		-5.9	-14.4		396410.81	6908656.17	1212
8042428	42616	181710	60	N	1150		25.2	-3.8	-13.9	37	52	3.89	0		-3.8	-13.9		396403.53	6908646.99	1210
8042428	42616	181750	60	N	1137.5		25.2	-0.2	-13.9	33	58	4.06	0		-0.2	-13.9		396394.67	6908633.15	1206
8042428	42616	181822	60	N	1125		25.2	0.6	-13.1	15	63	3.93	0		0.6	-13.1		396391.66	6908622.78	1210
8042428	42616	181854	60	N	1112.5		25.2	0.8	-10.4	-8	65	4.01	0		0.8	-10.4		396387.51	6908610.37	1209
8042428	42616	181938	60	N	1100		25.2	1.9	-12.9	10	62	3.83	0		1.9	-12.9		396379.84	6908597.29	1208
8042428	42616	182018	60	N	1087.5		25.2	-0.3	-15.3	28	58	3.93	0		-0.3	-15.3		396373.73	6908590.43	1207
8042428	42616	182054	60	N	1075		25.2	-2.2	-19.7	36	57	4.08	0		-2.2	-19.7		396366.33	6908580.74	1206
8042428	42616	182130	60	N	1062.5		25.2	0.9	-19.5	41	47	3.82	0		0.9	-19.5		396356.53	6908572.21	1208
8042428	42616	182226	60	N	1050		25.2	4.5	-19.1	92	95	4.01	0		4.5	-19.1		396351.26	6908562.19	1204
8042428	42616	182242	60	N	1050		25.2	4.8	-18.7	51	118	3.92	1					396350.9	6908562.45	1203
8042428	42616	182318	60	N	1037.5		25.2	8.7	-21.2	71	109	3.95	0		8.7	-21.2		396344.68	6908551.98	1201
8042428	42616	182346	60	N	1025		25.2	14.2	-19.9	70	109	3.93	0		14.2	-19.9		396337.37	6908543.27	1201
8042428	42616	182426	60	N	1012.5		25.2	16.6	-19.9	80	109	4.1	0		16.6	-19.9		396330.39	6908534.2	1200
8042428	42616	182442	60	N	1012.5		25.2	16.3	-19.6	72	110	3.99	1					396330.65	6908535.61	1201
8042428	42616	182518	60	N	1000		25.2	22.3	-18.3	74	119	4.26	0		22.3	-18.3		396320.91	6908524.22	1200
8042428	42616	182554	60	N	987.5		25.2	26.6	-18.3	70	115	4.09	0		26.6	-18.3		396314.85	6908515.1	1199
8042428	42616	182630	60	N	975		25.2	33.5	-14.5	87	120	4.5	0		33.5	-14.5		396305.75	6908503.34	1196
8042428	42616	182706	60	N	962.5		25.2	35.1	-14.5	86	127	4.67	0		35.1	-14.5		396299.95	6908494.86	1196
8042428	42616	182738	60	N	950		25.2	25.3	-14.3	35	72	4.91	0		25.3	-14.3		396292.2	6908484.27	1193
8042428	42616	182814	60	N	937.5		25.2	24.8	-12.4	34	76	5.07	0		24.8	-12.4		396283.08	6908473.86	1192
8042428	42616	182918	60	N	925		25.2	17.7	-8.5	27	82	5.27	0		17.7	-8.5		396273.41	6908463.07	1191
8042428	42616	182950	60	N	912.5		25.2	6.4	-10.5	41	79	5.43	0		6.4	-10.5		396266.81	6908455.82	1193
8042428	42616	183030	60	N	900		25.2	0.5	-6.7	29	81	5.25	0		0.5	-6.7		396260.51	6908445.36	1191
8042428	42616	183134	60	N	887.5		25.2	-2.5	-5.9	44	80	5.55	0		-2.5	-5.9		396254.97	6908438.74	1190

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	183210	60	N	875		25.2	-7.2	-3.3	40	84	5.64	0		-7.2	-3.3		396248.2	6908427.87	1187
8042428	42616	183250	60	N	862.5		25.2	-13.5	-0.9	40	78	5.33	0		-13.5	-0.9		396240.67	6908416.64	1187
8042428	42616	183330	60	N	850		25.2	-17	1.3	46	78	5.52	0		-17	1.3		396235.92	6908408.6	1187
8042428	42616	183402	60	N	837.5		25.2	-21.5	3.1	43	82	5.66	0		-21.5	3.1		396226.89	6908397.77	1184
8042428	42616	183418	60	N	837.5		25.2	-21.7	3.3	44	77	5.39	1					396226.9	6908397.47	1183
8042428	42616	183454	60	N	825		25.2	-28	8	33	79	5.2	0		-28	8		396218.32	6908385.76	1181
8042428	42616	183526	60	N	812.5		25.2	-32.8	8.3	38	77	5.24	0		-32.8	8.3		396211.5	6908375.45	1180
8042428	42616	183602	60	N	800		25.2	-44.1	7.3	36	77	5.18	0		-44.1	7.3		396203.81	6908369.42	1181
8042428	42616	183654	60	N	787.5		25.2	-56.7	7.2	16	70	4.38	0		-56.7	7.2		396196.35	6908356.54	1177
8042428	42616	183742	60	N	775		25.2	-53.1	11.2	18	59	3.76	0		-53.1	11.2		396189.97	6908345.36	1177
8042428	42616	183826	60	N	762.5		25.2	-43.2	12.8	28	60	4.06	0		-43.2	12.8		396183.82	6908336.01	1178
8042428	42616	183902	60	N	750		25.2	-37.8	10.2	28	61	4.1	0		-37.8	10.2		396178.09	6908327.33	1179
8042428	42616	183942	60	N	737.5		25.2	-37.8	7.5	31	56	3.89	0		-37.8	7.5		396171.62	6908311.79	1174
8042428	42616	184022	60	N	725		25.2	-33.4	4.6	49	47	4.16	0		-33.4	4.6		396165.39	6908304.7	1175
8042428	42616	184214	60	N	712.5		25.2	-27.9	6.2	77	106	3.97	0		-27.9	6.2		396156.47	6908294.49	1175
8042428	42616	184246	60	N	700		25.2	-23.7	4.2	96	96	4.12	0		-23.7	4.2		396147.12	6908282.54	1171
8042428	42616	184318	60	N	687.5		25.2	-24.3	4.8	35	121	3.83	0		-24.3	4.8		396144.31	6908271.51	1164
8042428	42616	184414	60	N	675		25.2	-19.7	0.9	63	114	3.97	0		-19.7	0.9		396136.55	6908265.01	1169
8042428	42616	184454	60	N	662.5		25.2	-17.6	-0.8	78	101	3.89	0		-17.6	-0.8		396133.65	6908255.56	1163
8042428	42616	184514	60	N	662.5		25.2	-19.6	0.7	61	110	3.83	1					396132.45	6908257.67	1171
8042428	42616	184534	60	N	662.5		25.2	-17.7	0	59	108	3.72	1					396134.27	6908256.34	1164
8042428	42616	184638	60	N	650		25.2	-17	-2.8	95	96	4.1	0		-17	-2.8		396126	6908245.97	1164
8042428	42616	184734	60	N	637.5		25.2	-15.7	-3.9	65	110	3.89	0		-15.7	-3.9		396119.65	6908237.96	1162
8042428	42616	184830	60	N	625		25.2	-13.7	-5.4	72	104	3.84	0		-13.7	-5.4		396117.3	6908232.44	1161
8042428	42616	184914	60	N	612.5		25.2	-17.9	-13.3	61	113	3.9	0		-17.9	-13.3		396107.8	6908219.01	1159
8042428	42616	184954	60	N	600		25.2	-11.4	-13.8	43	115	3.74	0		-11.4	-13.8		396099.48	6908208.32	1157
8042428	42616	185030	60	N	587.5		25.2	0	-10.9	7	119	3.61	0		0	-10.9		396091.4	6908186.34	1149
8042428	42616	185102	60	N	575		25.2	3.1	-13.6	32	118	3.71	0		3.1	-13.6		396082.4	6908186.05	1160
8042428	42616	185138	60	N	562.5		25.2	13.7	-13.5	21	122	3.77	0		13.7	-13.5		396073.76	6908173.55	1157
8042428	42616	185206	60	N	550		25.2	16.3	-11.1	17	65	4.08	0		16.3	-11.1		396065.78	6908162.9	1156
8042428	42616	185242	60	N	537.5		25.2	21.2	-9.1	11	68	4.18	0		21.2	-9.1		396059.28	6908151.06	1154
8042428	42616	185314	60	N	525		25.2	24	-9.3	18	70	4.38	0		24	-9.3		396053.72	6908142.01	1153
8042428	42616	185346	60	N	512.5		25.2	27.8	-5.5	18	77	4.83	0		27.8	-5.5		396050.15	6908131.32	1150
8042428	42616	185434	60	N	500		25.2	22.3	-2.1	29	83	5.36	0		22.3	-2.1		396042.48	6908118.43	1150
8042428	42616	185510	60	N	487.5		25.2	13.5	0	19	96	5.96	0		13.5	0		396036.74	6908110.58	1150
8042428	42616	185542	60	N	475		25.2	-10	-1.9	10	105	6.42	0		-10	-1.9		396033.09	6908102.57	1148
8042428	42616	185622	60	N	462.5		25.2	-41.7	-3	33	86	5.58	0		-41.7	-3		396026.16	6908089.39	1144
8042428	42616	185654	60	N	450		25.2	-44.6	2.8	28	78	5.02	0		-44.6	2.8		396018.73	6908078.57	1144
8042428	42616	185730	60	N	437.5		25.2	-40.7	6.1	58	56	4.94	0		-40.7	6.1		396011.53	6908068.03	1143
8042428	42616	185802	60	N	425		25.2	-46.7	5.5	30	65	4.36	0		-46.7	5.5		396005.64	6908057.68	1142
8042428	42616	185834	60	N	412.5		25.2	-46	6.6	30	62	4.18	0		-46	6.6		395998.26	6908044.82	1137
8042428	42616	185910	60	N	400		25.2	-43.3	6.4	34	60	4.21	0		-43.3	6.4		395993.42	6908035.71	1136
8042428	42616	185954	60	N	387.5		25.2	-42.7	10.8	16	63	3.98	0		-42.7	10.8		395983.36	6908029.3	1137
8042428	42616	190026	60	N	375		25.2	-36	8.3	27	60	4.01	0		-36	8.3		395974.8	6908019.85	1133
8042428	42616	190102	60	N	362.5		25.2	-37.9	6.8	30	58	3.98	0		-37.9	6.8		395965.23	6908009.22	1127
8042428	42616	190134	60	N	350		25.2	-33.9	5.7	31	52	3.71	0		-33.9	5.7		395956.89	6908000.62	1126
8042428	42616	190202	60	N	337.5		25.2	-32.4	5.5	28	59	4.02	0		-32.4	5.5		395950.16	6907992.94	1125
8042428	42616	190238	60	N	325		25.2	-35.1	4.2	27	52	3.58	0		-35.1	4.2		395943.55	6907983.5	1125
8042428	42616	190306	60	N	312.5		25.2	-32.7	1.1	30	54	3.77	0		-32.7	1.1		395935.97	6907973.3	1122
8042428	42616	190406	60	N	300		25.2	-31	1.4	26	52	3.52	0		-31	1.4		395931.64	6907965.22	1118
8042428	42616	190442	60	N	287.5		25.2	-24	1.3	33	52	3.77	0		-24	1.3		395924.36	6907954.64	1125
8042428	42616	190518	60	N	275		25.2	-19.6	2.7	31	51	3.63	0		-19.6	2.7		395916.75	6907946.45	1116
8042428	42616	190554	60	N	262.5		25.2	-17.7	1.6	32	55	3.89	0		-17.7	1.6		395906.77	6907939.25	1117
8042428	42616	190634	60	N	250		25.2	-15.7	2.3	24	53	3.54	0		-15.7	2.3		395896.37	6907929.91	1112
8042428	42616	190750	60	N	237.5		25.2	-13.1	0.7	19	59	3.75	0		-13.1	0.7		395894.55	6907911.36	1107
8042428	42616	190910	60	N	225		25.2	-12.8	-0.7	27	53	3.66	0		-12.8	-0.7		395888.91	6907904.8	1102
8042428	42616	191002	60	N	212.5		25.2	-13.3	-3.1	25	54	3.64	0		-13.3	-3.1		395882.17	6907894.27	1100
8042428	42616	191018	60	N	212.5		25.2	-14.4	-2	23	59	3.86	1					395882.07	6907894.17	1100
8042428	42616	191102	60	N	200		25.2	-14.4	-3.7	25	53	3.6	0		-14.4	-3.7		395876.38	6907887.21	1105
8042428	42616	191146	60	N	187.5		25.2	-12.7	-2.4	18	58	3.71	0		-12.7	-2.4		395868.94	6907873.06	1098
8042428	42616	191226	60	N	175		25.2	-10.6	-2.7	24	56	3.71	0		-10.6	-2.7		395860.38	6907862.36	1097
8042428	42616	191302	60	N	162.5		25.2	-10	-5.1	27	59	3.94	0		-10	-5.1		395854.18	6907854.06	1092

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	191342	60	N	150		25.2	-13.5	-6.9	30	56	3.88	0		-13.5	-6.9		395848.22	6907847.58	1089
8042428	42616	191426	60	N	137.5		25.2	-18.9	-10	24	58	3.85	0		-18.9	-10		395840.96	6907835.68	1090
8042428	42616	191522	60	N	125		25.2	-21	-10.4	19	58	3.74	0		-21	-10.4		395834.76	6907826.99	1084
8042428	42616	191538	60	N	125		25.2	-21.4	-10.2	22	56	3.69	1					395834.74	6907826.12	1084
8042428	42616	191650	60	N	112.5		25.2	-21.8	-10.5	15	56	3.57	0		-21.8	-10.5		395826.94	6907812.09	1080
8042428	42616	191730	60	N	100		25.2	-17.2	-9.8	14	57	3.6	0		-17.2	-9.8		395820.49	6907800.05	1073
8042428	42616	191810	60	N	87.5		25.2	-14.5	-8.6	11	58	3.62	0		-14.5	-8.6		395814.62	6907791.93	1072
8042428	42616	191842	60	N	75		25.2	-13.9	-9.3	24	54	3.63	0		-13.9	-9.3		395808.21	6907781.74	1073
8042428	42616	191918	60	N	62.5		25.2	-12.3	-9.3	20	59	3.79	0		-12.3	-9.3		395800.53	6907771.77	1070
8042428	42616	191950	60	N	50		25.2	-11.3	-9	23	55	3.67	0		-11.3	-9		395792.64	6907765.7	1067
8042428	42616	192022	60	N	37.5		25.2	-12.6	-8.1	23	58	3.82	0		-12.6	-8.1		395786.79	6907755.51	1066
8042428	42616	192106	60	N	25		25.2	-16.2	-9.5	30	54	3.78	0		-16.2	-9.5		395779.22	6907746.72	1065
8042428	42616	192134	60	N	12.5		25.2	-15.7	-9.9	27	56	3.82	0		-15.7	-9.9		395772.15	6907737.65	1061
8042428	42616	192150	60	N	12.5		25.2	-15.6	-10.3	27	55	3.76	1					395772.86	6907738.65	1062
8042428	42616	192206	60	N	12.5		25.2	-15.7	-9.7	29	53	3.68	1					395772.76	6907739.04	1062
8042428	42616	192222	60	N	12.5		25.2	-14.6	-10.9	28	53	3.67	1					395772.05	6907739.23	1060
8042428	42616	195454	62	N	0		25.2	-11.6	0.7	26	62	4.09	0		-11.6	0.7		395857.65	6907681.38	1072
8042428	42616	195510	62	N	0		25.2	-11.6	0.7	27	63	4.2	1					395857.74	6907681.55	1072
8042428	42616	195706	62	N	12.5		25.2	-8	1.1	37	56	4.1	0		-8	1.1		395863.96	6907693.49	1075
8042428	42616	195754	62	N	25		25.2	-10.6	-1.6	7	63	3.89	0		-10.6	-1.6		395867.97	6907700.16	1077
8042428	42616	195810	62	N	25		25.2	-11.1	-0.3	17	60	3.83	1					395868.62	6907701.02	1077
8042428	42616	195850	62	N	37.5		25.2	-11.7	-2.1	9	63	3.9	0		-11.7	-2.1		395877.39	6907711.56	1081
8042428	42616	195926	62	N	50		25.2	-12.2	-0.8	24	63	4.13	0		-12.2	-0.8		395885.13	6907719.96	1083
8042428	42616	195942	62	N	50		25.2	-13.6	0	27	57	3.84	1					395885.42	6907720.4	1084
8042428	42616	200022	62	N	62.5		25.2	-12.2	-1	21	60	3.89	0		-12.2	-1		395893.47	6907732.22	1082
8042428	42616	200042	62	N	62.5		25.2	-12.7	-1.2	19	62	3.99	1					395892.59	6907731.64	1083
8042428	42616	200102	62	N	62.5		25.2	-13.1	-1.1	18	60	3.82	1					395893.52	6907730.76	1087
8042428	42616	200142	62	N	75		25.2	-12.8	-0.4	21	60	3.85	0		-12.8	-0.4		395897.37	6907740.1	1088
8042428	42616	200222	62	N	87.5		25.2	-16.5	-1.9	16	59	3.72	0		-16.5	-1.9		395901.91	6907751.7	1087
8042428	42616	200258	62	N	100		25.2	-20.3	-1.9	24	56	3.73	0		-20.3	-1.9		395906.87	6907762.25	1090
8042428	42616	200330	62	N	112.5		25.2	-21.9	-6.1	0	62	3.76	0		-21.9	-6.1		395913.31	6907772.03	1094
8042428	42616	200350	62	N	112.5		25.2	-20.8	-4.8	22	57	3.74	1					395913.91	6907772.55	1094
8042428	42616	200434	62	N	125		25.2	-22.1	-2.5	47	48	4.07	0		-22.1	-2.5		395921.18	6907783.77	1097
8042428	42616	200502	62	N	137.5		25.2	-20.6	0	110	94	4.38	0		-20.6	0		395930.52	6907792.6	1100
8042428	42616	200546	62	N	150		25.2	-16.5	2.8	103	96	4.28	0		-16.5	2.8		395939.8	6907798.83	1104
8042428	42616	200630	62	N	162.5		25.2	-18.3	2.3	91	106	4.23	0		-18.3	2.3		395948.73	6907809.53	1104
8042428	42616	200710	62	N	175		25.2	-16.1	4.5	37	123	3.91	0		-16.1	4.5		395953.85	6907816.66	1109
8042428	42616	200754	62	N	187.5		25.2	-15.8	5.7	15	59	3.72	0		-15.8	5.7		395958.86	6907826.6	1108
8042428	42616	200838	62	N	200		25.2	-16.7	6	24	56	3.71	0		-16.7	6		395962.85	6907837.93	1110
8042428	42616	200922	62	N	212.5		25.2	-17	6.2	32	51	3.68	0		-17	6.2		395968.66	6907848.24	1111
8042428	42616	201006	62	N	225		25.2	-22.8	6.3	30	53	3.76	0		-22.8	6.3		395974.71	6907853.65	1114
8042428	42616	201022	62	N	225		25.2	-22	6.2	34	49	3.65	1					395975.68	6907854.65	1115
8042428	42616	201110	62	N	237.5		25.2	-25.7	5.9	97	88	3.97	0		-25.7	5.9		395984.94	6907868.79	1115
8042428	42616	201146	62	N	250		25.2	-24	7.6	78	96	3.76	0		-24	7.6		395992.48	6907875.16	1119
8042428	42616	201230	62	N	262.5		25.2	-26.1	10	81	96	3.83	0		-26.1	10		396002.37	6907882.38	1121
8042428	42616	201314	62	N	275		25.2	-29	10.2	65	108	3.85	0		-29	10.2		396013.17	6907895.11	1125
8042428	42616	201358	62	N	287.5		25.2	-34.4	10.5	57	109	3.72	0		-34.4	10.5		396017.52	6907904.82	1128
8042428	42616	201434	62	N	300		25.2	-36.2	9.8	69	105	3.81	0		-36.2	9.8		396019.95	6907914.07	1131
8042428	42616	201526	62	N	312.5		25.2	-40.4	11.4	57	112	3.82	0		-40.4	11.4		396027.92	6907924.16	1133
8042428	42616	201606	62	N	325		25.2	-37	12.4	2	124	3.75	0		-37	12.4		396034.43	6907933.08	1136
8042428	42616	201626	62	N	325		25.2	-38.9	14.1	18	59	3.75	1					396034.42	6907931.37	1136
8042428	42616	201710	62	N	337.5		25.2	-37.6	16.8	26	57	3.81	0		-37.6	16.8		396041.06	6907941.92	1138
8042428	42616	201750	62	N	350		25.2	-37.9	15.9	42	49	3.92	0		-37.9	15.9		396047.11	6907951.22	1143
8042428	42616	201826	62	N	362.5		25.2	-42.9	16.9	23	126	3.87	0		-42.9	16.9		396054.18	6907962.18	1144
8042428	42616	201910	62	N	375		25.2	-44.3	17.2	38	52	3.93	0		-44.3	17.2		396061.67	6907974.75	1147
8042428	42616	201946	62	N	387.5		25.2	-49.1	16.2	42	48	3.9	0		-49.1	16.2		396069.17	6907981.26	1147
8042428	42616	202022	62	N	400		25.2	-53.6	13.3	68	115	4.06	0		-53.6	13.3		396076.07	6907992.68	1150
8042428	42616	202102	62	N	412.5		25.2	-56	11.3	95	118	4.6	0		-56	11.3		396081.35	6908000.85	1152
8042428	42616	202222	62	N	425		25.2	-59.8	9.6	71	117	4.17	0		-59.8	9.6		396091.03	6908010.16	1154
8042428	42616	202246	62	N	425		25.2	-57.1	8.7	96	116	4.59	1					396091.41	6908012.15	1150
8042428	42616	202342	62	N	437.5		25.2	-55	8.8	109	120	4.92	0		-55	8.8		396098.41	6908018.58	1156
8042428	42616	202426	62	N	450		25.2	-50.3	9.4	127	115	5.2	0		-50.3	9.4		396105.57	6908024.04	1157

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	202522	62	N	462.5		25.2	-36.7	9.5	83	53	6.02	0		-36.7	9.5		396115.91	6908030.41	1160
8042428	42616	202642	62	N	475		25.2	-28.8	9.5	65	73	5.97	0		-28.8	9.5		396119.92	6908041.18	1163
8042428	42616	202734	62	N	487.5		25.2	0.6	11	70	76	6.29	0		0.6	11		396128.63	6908055.6	1165
8042428	42616	202814	62	N	500		25.2	12.7	9.6	22	84	5.27	0		12.7	9.6		396134.18	6908064.14	1164
8042428	42616	202846	62	N	512.5		25.2	18.2	6.5	1	77	4.72	0		18.2	6.5		396135.04	6908074.23	1163
8042428	42616	202922	62	N	525		25.2	19.7	8.5	39	65	4.65	0		19.7	8.5		396139.52	6908084.12	1164
8042428	42616	202958	62	N	537.5		25.2	16.6	4.1	35	57	4.09	0		16.6	4.1		396148.96	6908094.94	1166
8042428	42616	203030	62	N	550		25.2	10.9	-0.6	16	61	3.83	0		10.9	-0.6		396158.22	6908105.41	1169
8042428	42616	203102	62	N	562.5		25.2	7.7	1.9	25	56	3.73	0		7.7	1.9		396164.34	6908113.48	1167
8042428	42616	203134	62	N	575		25.2	2.6	1.5	21	54	3.51	0		2.6	1.5		396169.92	6908122.53	1170
8042428	42616	203206	62	N	587.5		25.2	-1	-0.4	12	56	3.51	0		-1	-0.4		396176.87	6908133.5	1170
8042428	42616	203246	62	N	600		25.2	-7.9	0.3	29	46	3.33	0		-7.9	0.3		396185.49	6908144.83	1171
8042428	42616	203318	62	N	612.5		25.2	-13.4	3.3	78	90	3.61	0		-13.4	3.3		396194.09	6908155.56	1172
8042428	42616	203334	62	N	612.5		25.2	-13.1	2.6	63	94	3.45	1					396194.38	6908155.56	1171
8042428	42616	203402	62	N	625		25.2	-16.2	2.8	40	104	3.39	0		-16.2	2.8		396198.75	6908161.07	1171
8042428	42616	203438	62	N	637.5		25.2	-20.4	4.3	65	99	3.6	0		-20.4	4.3		396206.41	6908172.73	1174
8042428	42616	203510	62	N	650		25.2	-25.6	4.4	63	103	3.67	0		-25.6	4.4		396214.2	6908183.45	1176
8042428	42616	203554	62	N	662.5		25.2	-25.8	9.6	62	98	3.53	0		-25.8	9.6		396220.66	6908191.58	1177
8042428	42616	203634	62	N	675		25.2	-29.3	9.1	47	107	3.56	0		-29.3	9.1		396228.41	6908201.46	1177
8042428	42616	203650	62	N	675		25.2	-30.3	9.7	40	102	3.33	1					396228.34	6908201.41	1178
8042428	42616	203706	62	N	675		25.2	-30.5	9.9	40	103	3.37	1					396228.1	6908201.48	1176
8042428	42616	203742	62	N	687.5		25.2	-35.8	8.3	54	98	3.41	0		-35.8	8.3		396236.31	6908211.77	1178
8042428	42616	203818	62	N	700		25.2	-40.6	7.2	56	102	3.52	0		-40.6	7.2		396242.9	6908219.33	1179
8042428	42616	203906	62	N	712.5		25.2	-46.2	6.3	36	114	3.63	0		-46.2	6.3		396249.76	6908228.38	1180
8042428	42616	203926	62	N	712.5		25.2	-45.7	6.6	35	105	3.37	1					396249.37	6908228.66	1179
8042428	42616	204002	62	N	725		25.2	-51.4	5.8	40	111	3.58	0		-51.4	5.8		396254.93	6908240.81	1180
8042428	42616	204038	62	N	737.5		25.2	-49.9	8.8	50	120	3.94	0		-49.9	8.8		396259.5	6908250.25	1179
8042428	42616	204110	62	N	750		25.2	-40.5	14.8	54	119	3.97	0		-40.5	14.8		396266.52	6908259.95	1179
8042428	42616	204142	62	N	762.5		25.2	-36.4	18.1	33	123	3.85	0		-36.4	18.1		396272.56	6908270.88	1179
8042428	42616	204218	62	N	775		25.2	-34.9	18	10	64	3.96	0		-34.9	18		396279.18	6908280.33	1178
8042428	42616	204250	62	N	787.5		25.2	-37.7	18.1	12	61	3.82	0		-37.7	18.1		396285.26	6908290.52	1178
8042428	42616	204310	62	N	787.5		25.2	-37.2	16.9	1	59	3.58	1					396285.27	6908290.22	1179
8042428	42616	204358	62	N	800		25.2	-45.9	17.2	3	62	3.76	0		-45.9	17.2		396291.88	6908300.78	1178
8042428	42616	204450	62	N	812.5		25.2	-49	14.6	15	62	3.89	0		-49	14.6		396299.98	6908312.41	1178
8042428	42616	204534	62	N	825		25.2	-43.4	16.6	18	66	4.17	0		-43.4	16.6		396308.57	6908325.53	1178
8042428	42616	204614	62	N	837.5		25.2	-43	16.6	21	68	4.31	0		-43	16.6		396313.39	6908336.39	1180
8042428	42616	204646	62	N	850		25.2	-39.9	14.3	24	73	4.71	0		-39.9	14.3		396319.94	6908344.81	1182
8042428	42616	204718	62	N	862.5		25.2	-33.5	13.1	29	71	4.66	0		-33.5	13.1		396325.8	6908353.74	1182
8042428	42616	204750	62	N	875		25.2	-27	10.4	37	75	5.11	0		-27	10.4		396333.64	6908365.39	1183
8042428	42616	204818	62	N	887.5		25.2	-21.5	6.2	35	77	5.17	0		-21.5	6.2		396339.27	6908374.64	1184
8042428	42616	204834	62	N	887.5		25.2	-22.3	6.6	41	77	5.32	1					396339.18	6908374.54	1184
8042428	42616	204906	62	N	900		25.2	-15.2	2.4	44	78	5.47	0		-15.2	2.4		396346.59	6908384.37	1185
8042428	42616	204938	62	N	912.5		25.2	-9.3	0.1	42	82	5.63	0		-9.3	0.1		396355.24	6908394.36	1187
8042428	42616	204954	62	N	912.5		25.2	-7.5	0.2	58	73	5.69	1					396355.03	6908394.45	1187
8042428	42616	205030	62	N	925		25.2	2.6	-2.1	53	77	5.67	0		2.6	-2.1		396364.78	6908402.87	1189
8042428	42616	205106	62	N	937.5		25.2	7.5	-4.8	40	75	5.21	0		7.5	-4.8		396371.5	6908412.64	1189
8042428	42616	205142	62	N	950		25.2	8.9	-8.7	36	79	5.3	0		8.9	-8.7		396379.59	6908421.8	1189
8042428	42616	205218	62	N	962.5		25.2	11.5	-10.1	34	71	4.81	0		11.5	-10.1		396384.44	6908430.02	1192
8042428	42616	205250	62	N	975		25.2	14.2	-9.4	32	72	4.78	0		14.2	-9.4		396389.38	6908441.06	1192
8042428	42616	205350	62	N	987.5		25.2	16.3	-10.6	28	70	4.6	0		16.3	-10.6		396395.36	6908450.37	1194
8042428	42616	205430	62	N	1000		25.2	16.8	-8.6	41	60	4.46	0		16.8	-8.6		396401.91	6908459.85	1195
8042428	42616	205502	62	N	1012.5		25.2	16.8	-8	50	54	4.52	0		16.8	-8		396410.25	6908469.25	1196
8042428	42616	205546	62	N	1025		25.2	13.3	-7.1	37	60	4.28	0		13.3	-7.1		396417.82	6908478.63	1196
8042428	42616	205618	62	N	1037.5		25.2	12.4	-8.5	31	61	4.2	0		12.4	-8.5		396424.91	6908487.81	1197
8042428	42616	205654	62	N	1050		25.2	7.2	-14	4	65	3.97	0		7.2	-14		396430.02	6908500.06	1198
8042428	42616	205726	62	N	1062.5		25.2	1.6	-11.1	20	63	4.04	0		1.6	-11.1		396434.18	6908510.69	1200
8042428	42616	205758	62	N	1075		25.2	3.5	-7.8	27	60	4	0		3.5	-7.8		396440.82	6908523.78	1200
8042428	42616	205834	62	N	1087.5		25.2	4.4	-5.4	31	58	3.99	0		4.4	-5.4		396449.61	6908534.21	1201
8042428	42616	205902	62	N	1100		25.2	2.1	-6.2	28	59	3.96	0		2.1	-6.2		396455.4	6908542.65	1202
8042428	42616	205930	62	N	1112.5		25.2	0.1	-5.4	31	59	4.06	0		0.1	-5.4		396461.15	6908551.84	1203
8042428	42616	210002	62	N	1125		25.2	-1.9	-5	30	58	3.96	0		-1.9	-5		396468.93	6908562.69	1204
8042428	42616	210026	62	N	1137.5		25.2	-2.5	-4.4	33	56	3.98	0		-2.5	-4.4		396474.92	6908572.17	1205

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	210054	62	N	1150		25.2	-1.7	-2.8	32	56	3.92	0		-1.7	-2.8		396482.09	6908582.05	1206
8042428	42616	210122	62	N	1162.5		25.2	-3.2	-2.9	33	55	3.94	0		-3.2	-2.9		396488.97	6908591.31	1207
8042428	42616	210150	62	N	1175		25.2	-3.7	-1.9	41	51	4	0		-3.7	-1.9		396498.62	6908602.99	1207
8042428	42616	210222	62	N	1187.5		25.2	-13.1	-1.2	52	45	4.2	0		-13.1	-1.2		396506.41	6908611.58	1208
8042428	42616	210250	62	N	1200		25.2	-4.9	-2	54	44	4.26	0		-4.9	-2		396516.66	6908619.92	1209
8042428	42616	210318	62	N	1212.5		25.2	-10.6	-3.2	30	57	3.91	0		-10.6	-3.2		396522.9	6908631.1	1208
8042428	42616	210346	62	N	1225		25.2	-8.6	-2.6	32	63	4.32	0		-8.6	-2.6		396527.42	6908641.4	1209
8042428	42616	210418	62	N	1237.5		25.2	-6.7	-1.1	32	62	4.26	0		-6.7	-1.1		396533.71	6908651.42	1209
8042428	42616	210442	62	N	1250		25.2	-8.4	0.5	42	60	4.46	0		-8.4	0.5		396539.59	6908660.42	1209
8042428	42616	210518	62	N	1262.5		25.2	-3.3	1.6	46	58	4.49	0		-3.3	1.6		396548.51	6908670.08	1210
8042428	42616	210534	62	N	1262.5		25.2	-3.5	1.7	45	58	4.5	1					396548.13	6908669.96	1211
8042428	42616	211150	64	N	1262.5		25.2	4.9	-4.1	36	56	4.09	0		4.9	-4.1		396626.18	6908606.79	1207
8042428	42616	211206	64	N	1262.5		25.2	3.9	-3.5	41	56	4.23	1					396626.5	6908606.89	1207
8042428	42616	211234	64	N	1262.5		25.2	4.8	-3.6	28	60	4.01	1					396626.75	6908607.03	1207
8042428	42616	211310	64	N	1250		25.2	8	-3.6	41	57	4.28	0		8	-3.6		396619.71	6908595.24	1208
8042428	42616	211350	64	N	1237.5		25.2	5.5	-4	41	56	4.26	0		5.5	-4		396611.96	6908587.98	1205
8042428	42616	211426	64	N	1225		25.2	4.4	-5.9	49	57	4.56	0		4.4	-5.9		396604.4	6908577.82	1206
8042428	42616	211458	64	N	1212.5		25.2	4.1	-8.3	43	53	4.18	0		4.1	-8.3		396595.03	6908568.37	1206
8042428	42616	211542	64	N	1200		25.2	6.2	-8.2	45	53	4.25	0		6.2	-8.2		396587.91	6908560.83	1205
8042428	42616	211614	64	N	1187.5		25.2	10.2	-7.8	38	56	4.1	0		10.2	-7.8		396577.36	6908550.64	1205
8042428	42616	211714	64	N	1175		25.2	8.7	-8.7	40	55	4.16	0		8.7	-8.7		396574.94	6908542.27	1204
8042428	42616	211746	64	N	1162.5		25.2	10.8	-9.1	41	56	4.25	0		10.8	-9.1		396567.06	6908532.07	1203
8042428	42616	211814	64	N	1150		25.2	12.5	-9.4	29	60	4.08	0		12.5	-9.4		396560.66	6908522.51	1204
8042428	42616	211846	64	N	1137.5		25.2	12.5	-11.5	32	61	4.2	0		12.5	-11.5		396554.15	6908508.7	1202
8042428	42616	211910	64	N	1125		25.2	10.2	-14.4	26	59	3.93	0		10.2	-14.4		396549.67	6908501.05	1202
8042428	42616	211950	64	N	1112.5		25.2	18.3	-11.6	27	59	3.97	0		18.3	-11.6		396542.06	6908489.06	1201
8042428	42616	212026	64	N	1100		25.2	22.3	-10	26	61	4.04	0		22.3	-10		396537.16	6908478.54	1200
8042428	42616	212058	64	N	1087.5		25.2	25	-10.1	37	59	4.24	0		25	-10.1		396529.56	6908467.41	1199
8042428	42616	212134	64	N	1075		25.2	25.4	-13.8	37	64	4.49	0		25.4	-13.8		396518.46	6908457.13	1198
8042428	42616	212202	64	N	1062.5		25.2	23.2	-13.8	42	61	4.55	0		23.2	-13.8		396514.26	6908450.58	1198
8042428	42616	212238	64	N	1050		25.2	22.4	-16.1	37	63	4.46	0		22.4	-16.1		396508.98	6908443.86	1197
8042428	42616	212310	64	N	1037.5		25.2	20	-18.1	40	64	4.6	0		20	-18.1		396502.49	6908435.23	1195
8042428	42616	212342	64	N	1025		25.2	21.1	-18.4	41	63	4.57	0		21.1	-18.4		396494.95	6908423.9	1194
8042428	42616	212418	64	N	1012.5		25.2	25.1	-16.5	27	69	4.54	0		25.1	-16.5		396487.09	6908412.46	1192
8042428	42616	212450	64	N	1000		25.2	21.1	-14.4	35	75	5.02	0		21.1	-14.4		396479.02	6908400.15	1191
8042428	42616	212522	64	N	987.5		25.2	16.2	-13.2	38	69	4.78	0		16.2	-13.2		396472.37	6908389.55	1193
8042428	42616	212550	64	N	975		25.2	8.7	-10.9	45	81	5.65	0		8.7	-10.9		396465.86	6908380.31	1191
8042428	42616	212634	64	N	962.5		25.2	1.8	-10.3	49	75	5.44	0		1.8	-10.3		396458.49	6908370.94	1189
8042428	42616	212710	64	N	950		25.2	-2.5	-5.5	43	75	5.28	0		-2.5	-5.5		396450.67	6908359.93	1190
8042428	42616	212738	64	N	937.5		25.2	-7.7	-2.1	35	83	5.5	0		-7.7	-2.1		396443.67	6908350.53	1189
8042428	42616	212814	64	N	925		25.2	-17.6	-0.6	31	84	5.44	0		-17.6	-0.6		396438.44	6908341.66	1189
8042428	42616	212846	64	N	912.5		25.2	-22	4.6	37	74	5.02	0		-22	4.6		396431.52	6908329.22	1189
8042428	42616	212918	64	N	900		25.2	-23.1	7.6	31	75	4.94	0		-23.1	7.6		396425.78	6908318.78	1189
8042428	42616	212946	64	N	887.5		25.2	-23.8	8.1	41	69	4.89	0		-23.8	8.1		396419.46	6908307.29	1189
8042428	42616	213130	64	N	875		25.2	-27.8	10.3	35	67	4.62	0		-27.8	10.3		396413.07	6908296.22	1189
8042428	42616	213214	64	N	862.5		25.2	-21.4	9.6	10	69	4.23	0		-21.4	9.6		396406.83	6908287.82	1189
8042428	42616	213254	64	N	850		25.2	-27.9	11	15	68	4.27	0		-27.9	11		396401.14	6908277.51	1187
8042428	42616	213310	64	N	850		25.2	-27.6	11.3	17	65	4.08	1					396401.32	6908277.37	1187
8042428	42616	213350	64	N	837.5		25.2	-25.7	16.2	10	65	4.01	0		-25.7	16.2		396394.18	6908264.3	1186
8042428	42616	213422	64	N	825		25.2	-18.2	13.6	29	63	4.22	0		-18.2	13.6		396386.09	6908254.29	1187
8042428	42616	213438	64	N	825		25.2	-17.3	13.8	21	62	4	1					396386.09	6908254.48	1187
8042428	42616	213506	64	N	812.5		25.2	-11.7	15.5	9	65	4.01	0		-11.7	15.5		396378.89	6908245.21	1188
8042428	42616	213538	64	N	800		25.2	-10.2	14.1	16	66	4.15	0		-10.2	14.1		396373.34	6908235.05	1186
8042428	42616	213606	64	N	787.5		25.2	-7.4	11.8	29	62	4.17	0		-7.4	11.8		396366.15	6908225.31	1187
8042428	42616	213634	64	N	775		25.2	-4.9	13	21	61	3.96	0		-4.9	13		396359.09	6908214.24	1188
8042428	42616	213706	64	N	762.5		25.2	-5.5	12.9	14	63	3.94	0		-5.5	12.9		396349.11	6908203.52	1187
8042428	42616	213734	64	N	750		25.2	-4.9	9.9	23	64	4.17	0		-4.9	9.9		396341.48	6908194.23	1187
8042428	42616	213758	64	N	737.5		25.2	-2.1	7.9	28	67	4.42	0		-2.1	7.9		396335.43	6908186.74	1187
8042428	42616	213830	64	N	725		25.2	-7	7.7	24	69	4.45	0		-7	7.7		396326.25	6908175.82	1185
8042428	42616	213906	64	N	712.5		25.2	-16.1	3.2	5	79	4.8	0		-16.1	3.2		396321.27	6908166.74	1188
8042428	42616	213942	64	N	700		25.2	-28.3	-5.3	12	72	4.48	0		-28.3	-5.3		396315.79	6908156.91	1187
8042428	42616	214014	64	N	687.5		25.2	-33.9	-10.3	20	61	3.93	0		-33.9	-10.3		396308.04	6908146.84	1187

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	214046	64	N	675		25.2	-27.5	-8.8	12	59	3.64	0		-27.5	-8.8		396301.73	6908136.41	1188
8042428	42616	214118	64	N	662.5		25.2	-20.6	-7.9	14	63	3.91	0		-20.6	-7.9		396294.85	6908126.85	1186
8042428	42616	214134	64	N	662.5		25.2	-21.4	-8	24	60	3.97	1					396295.07	6908127.31	1188
8042428	42616	214210	64	N	650		25.2	-14.9	-5.7	18	57	3.65	0		-14.9	-5.7		396288.17	6908116.18	1187
8042428	42616	214246	64	N	637.5		25.2	-6.8	-4.4	25	53	3.57	0		-6.8	-4.4		396280.24	6908106.63	1186
8042428	42616	214314	64	N	625		25.2	-2.5	-4	22	60	3.88	0		-2.5	-4		396273.17	6908096.72	1186
8042428	42616	214342	64	N	612.5		25.2	15.9	-5.5	26	54	3.69	0		15.9	-5.5		396266.82	6908087.63	1187
8042428	42616	214422	64	N	600		25.2	10.4	-4.7	28	58	3.9	0		10.4	-4.7		396258.44	6908076.59	1183
8042428	42616	214458	64	N	587.5		25.2	13.2	-5.1	37	55	4.03	0		13.2	-5.1		396251.2	6908065.87	1187
8042428	42616	214534	64	N	575		25.2	20	-2.9	21	62	4	0		20	-2.9		396244.25	6908058.38	1183
8042428	42616	214618	64	N	562.5		25.2	26.8	-0.4	12	68	4.2	0		26.8	-0.4		396236.58	6908046.95	1180
8042428	42616	214702	64	N	550		25.2	32.5	1.1	21	73	4.61	0		32.5	1.1		396230.1	6908036.65	1176
8042428	42616	214734	64	N	537.5		25.2	33.7	3.8	14	77	4.77	0		33.7	3.8		396225.34	6908028.52	1177
8042428	42616	214858	64	N	525		25.2	31.4	5.8	30	91	5.85	0		31.4	5.8		396217.45	6908015.94	1175
8042428	42616	214930	64	N	512.5		25.2	7.7	4.2	56	102	7.11	0		7.7	4.2		396210.29	6908004.64	1172
8042428	42616	215042	64	N	500		25.2	-10.9	2.4	59	100	7.05	0		-10.9	2.4		396203.41	6908001.38	1171
8042428	42616	215058	64	N	500		25.2	-11.3	2.8	50	105	7.05	1					396203.19	6908000.63	1174
8042428	42616	215142	64	N	487.5		25.2	-47.6	0.4	46	82	5.71	0		-47.6	0.4		396195.67	6907988.65	1169
8042428	42616	215214	64	N	475		25.2	-55.3	1.2	32	76	5	0		-55.3	1.2		396188.84	6907979.74	1167
8042428	42616	215250	64	N	462.5		25.2	-60.5	2.7	34	58	4.09	0		-60.5	2.7		396183.73	6907968.56	1164
8042428	42616	215442	64	N	450		25.2	-53.3	3.6	32	59	4.09	0		-53.3	3.6		396173.79	6907961.49	1166
8042428	42616	215458	64	N	450		25.2	-53.4	3.7	32	64	4.37	1					396173.18	6907959.89	1167
8042428	42616	215534	64	N	437.5		25.2	-53	4.9	26	56	3.78	0		-53	4.9		396168.96	6907950.79	1159
8042428	42616	215550	64	N	437.5		25.2	-54.7	5.4	27	53	3.65	1					396170.02	6907949.48	1165
8042428	42616	215618	64	N	425		25.2	-48.4	5.3	29	54	3.74	0		-48.4	5.3		396162.9	6907941.08	1161
8042428	42616	215634	64	N	425		25.2	-48.2	5.4	30	51	3.62	1					396162.92	6907940.21	1159
8042428	42616	215702	64	N	412.5		25.2	-42.4	6.9	34	49	3.66	0		-42.4	6.9		396157.46	6907926.25	1152
8042428	42616	215734	64	N	400		25.2	-36.5	8	60	107	3.73	0		-36.5	8		396148.84	6907922.15	1151
8042428	42616	215814	64	N	387.5		25.2	-29.2	9.4	59	103	3.61	0		-29.2	9.4		396140.4	6907910.23	1150
8042428	42616	215846	64	N	375		25.2	-24.2	10.3	47	107	3.54	0		-24.2	10.3		396135.1	6907900.75	1147
8042428	42616	215902	64	N	375		25.2	-24.7	9.7	59	105	3.67	1					396135.08	6907901.56	1144
8042428	42616	215918	64	N	375		25.2	-23.9	8.9	68	99	3.65	1					396134.91	6907900.99	1145
8042428	42616	215942	64	N	362.5		25.2	-19.7	13	43	108	3.53	0		-19.7	13		396130.12	6907891.03	1144
8042428	42616	220014	64	N	350		25.2	-13.3	13.6	49	104	3.5	0		-13.3	13.6		396124.61	6907879.41	1136
8042428	42616	220050	64	N	337.5		25.2	-10.7	12.2	51	113	3.75	0		-10.7	12.2		396116.56	6907871.62	1138
8042428	42616	220146	64	N	325		25.2	-17.9	5.1	65	112	3.94	0		-17.9	5.1		396111.48	6907858.03	1134
8042428	42616	220214	64	N	312.5		25.2	-23.3	-0.7	62	106	3.72	0		-23.3	-0.7		396105.38	6907847.33	1131
8042428	42616	220258	64	N	300		25.2	-19.9	-1	101	77	3.87	0		-19.9	-1		396096.87	6907841.88	1128
8042428	42616	220322	64	N	300		25.2	-21.6	0.1	74	96	3.69	1					396097.07	6907841.26	1129
8042428	42616	220350	64	N	287.5		25.2	-20.9	0.2	70	101	3.74	0		-20.9	0.2		396088.22	6907832.01	1128
8042428	42616	220426	64	N	275		25.2	-16.4	0.1	57	104	3.6	0		-16.4	0.1		396080.53	6907823.23	1128
8042428	42616	220522	64	N	262.5		25.2	-22.7	-7.5	42	103	3.37	0		-22.7	-7.5		396074.7	6907814.4	1124
8042428	42616	220606	64	N	250		25.2	-16.4	-4.5	40	101	3.3	0		-16.4	-4.5		396068.23	6907802.86	1119
8042428	42616	220642	64	N	237.5		25.2	-7.8	-3.8	41	105	3.41	0		-7.8	-3.8		396059.5	6907792.05	1122
8042428	42616	220702	64	N	237.5		25.2	-8	-2.4	37	102	3.31	1					396061.11	6907792.87	1119
8042428	42616	220746	64	N	225		25.2	-9.4	-4.4	42	104	3.41	0		-9.4	-4.4		396054.58	6907783.9	1117
8042428	42616	220822	64	N	212.5		25.2	-9.6	-5	26	109	3.39	0		-9.6	-5		396050.75	6907774.12	1114
8042428	42616	220858	64	N	200		25.2	-5.2	-8	56	103	3.56	0		-5.2	-8		396044.68	6907764.66	1110
8042428	42616	220934	64	N	187.5		25.2	-0.3	-6.7	47	104	3.46	0		-0.3	-6.7		396037.66	6907753.38	1112
8042428	42616	221006	64	N	175		25.2	0.5	-7.9	42	105	3.43	0		0.5	-7.9		396031.28	6907743.17	1108
8042428	42616	221038	64	N	162.5		25.2	0.8	-8.4	38	107	3.45	0		0.8	-8.4		396020.96	6907735.42	1105
8042428	42616	221126	64	N	150		25.2	1.7	-8.7	41	111	3.59	0		1.7	-8.7		396017.29	6907728.28	1102
8042428	42616	221214	64	N	137.5		25.2	2.3	-10.2	52	112	3.74	0		2.3	-10.2		396009.52	6907718.39	1102
8042428	42616	221258	64	N	125		25.2	3.8	-11.7	52	109	3.68	0		3.8	-11.7		396001.98	6907701.61	1097
8042428	42616	221318	64	N	125		25.2	2	-10.6	30	120	3.75	1					396001.2	6907700.53	1099
8042428	42616	221354	64	N	112.5		25.2	-0.2	-13.2	50	114	3.79	0		-0.2	-13.2		395995.38	6907691.02	1094
8042428	42616	221422	64	N	100		25.2	-1.9	-13.3	52	114	3.79	0		-1.9	-13.3		395989.9	6907683.91	1091
8042428	42616	221502	64	N	87.5		25.2	-2.1	-12.7	44	120	3.87	0		-2.1	-12.7		395979.97	6907678.94	1089
8042428	42616	221526	64	N	75		25.2	0.5	-12.6	41	119	3.81	0		0.5	-12.6		395974.55	6907669.76	1087
8042428	42616	221610	64	N	62.5		25.2	-0.5	-11.1	45	115	3.77	0		-0.5	-11.1		395967.74	6907660.43	1084
8042428	42616	221642	64	N	50		25.2	-8.3	-13.4	58	119	4.02	0		-8.3	-13.4		395962.06	6907650.02	1081
8042428	42616	221730	64	N	37.5		25.2	-9.8	-14.7	66	119	4.14	0		-9.8	-14.7		395953.74	6907640.11	1078

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	221754	64	N	37.5		25.2	-7.9	-14.3	28	121	3.76	1					395953.62	6907639.11	1078
8042428	42616	221838	64	N	25		25.2	-7.4	-12.8	75	114	4.13	0		-7.4	-12.8		395943.25	6907631.32	1075
8042428	42616	221918	64	N	12.5		25.2	-7.3	-10.6	58	118	3.99	0		-7.3	-10.6		395937.66	6907622.12	1072
8042428	42616	221934	64	N	12.5		25.2	-7.5	-10.8	55	121	4.03	1					395938.13	6907622.95	1072
8042428	42616	230654	66	N	0		25.2	1.9	0	61	125	4.23	0		1.9	0		396661.26	6908407.36	1198
8042428	42616	230710	66	N	0		25.2	2.5	-0.4	30	67	4.48	1					396661.04	6908407.24	1197
8042428	42616	230726	66	N	0		25.2	3	-1.1	29	65	4.37	1					396660.78	6908407.44	1197
8042428	42616	230802	66	N	12.5		25.2	0.7	-0.9	42	65	4.76	0		0.7	-0.9		396667.07	6908419.98	1197
8042428	42616	230834	66	N	25		25.2	4.6	0	49	51	4.34	0		4.6	0		396675.81	6908428.77	1199
8042428	42616	230850	66	N	25		25.2	4.8	-0.8	49	56	4.54	1					396676.44	6908428.8	1199
8042428	42616	230922	66	N	37.5		25.2	11.1	3.4	45	57	4.43	0		11.1	3.4		396684.41	6908437.52	1200
8042428	42616	230954	66	N	50		25.2	13.5	3.9	45	55	4.31	0		13.5	3.9		396693.2	6908444.74	1201
8042428	42616	231026	66	N	62.5		25.2	12.8	3.6	37	61	4.34	0		12.8	3.6		396702.29	6908455.18	1204
8042428	42616	231042	66	N	62.5		25.2	11.7	4.7	36	60	4.27	1					396702.66	6908455.52	1204
8042428	42616	231114	66	N	75		25.2	11.8	3.6	37	56	4.1	0		11.8	3.6		396710.45	6908465.87	1204
8042428	42616	231146	66	N	87.5		25.2	13.7	5.4	41	61	4.48	0		13.7	5.4		396718.44	6908476.08	1203
8042428	42616	231218	66	N	100		25.2	12.1	5.8	34	60	4.18	0		12.1	5.8		396724.02	6908483.47	1204
8042428	42616	231250	66	N	112.5		25.2	8.3	4.7	38	54	4.04	0		8.3	4.7		396731.44	6908493	1203
8042428	42616	231326	66	N	125		25.2	8.4	6.3	34	55	3.99	0		8.4	6.3		396739.53	6908503.82	1204
8042428	42616	231358	66	N	137.5		25.2	6.2	8.9	35	52	3.82	0		6.2	8.9		396746.17	6908515.38	1204
8042428	42616	231430	66	N	150		25.2	0.5	5.4	4	57	3.47	0		0.5	5.4		396752.74	6908526.2	1204
8042428	42616	231458	66	N	162.5		25.2	-5.6	5.8	6	59	3.64	0		-5.6	5.8		396755.95	6908536.28	1204
8042428	42616	231530	66	N	175		25.2	-8.5	7.7	15	58	3.64	0		-8.5	7.7		396759.97	6908548.91	1204
8042428	42616	231610	66	N	187.5		25.2	-13	8.4	31	53	3.79	0		-13	8.4		396770.27	6908557.89	1205
8042428	42616	231654	66	N	200		25.2	-15.7	8	39	49	3.84	0		-15.7	8		396777.83	6908566.52	1205
8042428	42616	231726	66	N	212.5		25.2	-22.4	7.2	83	104	4.05	0		-22.4	7.2		396786.18	6908576.76	1205
8042428	42616	231758	66	N	225		25.2	-24	8.6	87	103	4.09	0		-24	8.6		396792.77	6908585.24	1205
8042428	42616	231826	66	N	237.5		25.2	-26.3	10.6	88	105	4.18	0		-26.3	10.6		396800.68	6908594.24	1205
8042428	42616	231858	66	N	250		25.2	-29.3	10.3	91	112	4.39	0		-29.3	10.3		396808.59	6908603.87	1204
8042428	42616	231934	66	N	262.5		25.2	-24.8	13.6	101	111	4.57	0		-24.8	13.6		396816.06	6908612.22	1205
8042428	42616	232006	66	N	275		25.2	-22.9	15.6	99	117	4.66	0		-22.9	15.6		396825.63	6908621.78	1206
8042428	42616	232038	66	N	287.5		25.2	-24.1	14.1	87	119	4.47	0		-24.1	14.1		396835.58	6908632.74	1206
8042428	42616	232110	66	N	300		25.2	-29.3	8.7	91	119	4.56	0		-29.3	8.7		396845.68	6908643.27	1206
8042428	42616	232218	66	N	312.5		25.2	-35.5	6	66	127	4.34	0		-35.5	6		396851.19	6908653.52	1207
8042428	42616	232258	66	N	325		25.2	-10.5	3.6	52	73	5.44	0		-10.5	3.6		396859.02	6908662.13	1206
8042428	42616	232322	66	N	337.5		25.2	7.8	4.2	38	82	5.5	0		7.8	4.2		396864.64	6908668.17	1206
8042428	42616	232338	66	N	337.5		25.2	7.6	4.4	39	81	5.45	1					396864.54	6908668.2	1206
8042428	42616	232414	66	N	350		25.2	16.7	1	31	79	5.16	0		16.7	1		396869.59	6908680.47	1205
8042428	42616	232442	66	N	362.5		25.2	31.9	2.2	40	73	5.07	0		31.9	2.2		396875.21	6908690.73	1205
8042428	42616	232514	66	N	375		25.2	36.2	3.1	43	60	4.52	0		36.2	3.1		396883.51	6908701.12	1205
8042428	42616	232546	66	N	387.5		25.2	35.3	3.4	48	51	4.27	0		35.3	3.4		396888.81	6908710.15	1205
8042428	42616	232614	66	N	400		25.2	30.7	2.6	45	52	4.18	0		30.7	2.6		396895.84	6908717.21	1205
8042428	42616	232646	66	N	412.5		25.2	26.1	1.8	45	48	4.01	0		26.1	1.8		396904.57	6908725.66	1206
8042428	42616	232714	66	N	425		25.2	20	0.7	82	104	4.03	0		20	0.7		396912.92	6908733.41	1206
8042428	42616	232730	66	N	425		25.2	20.5	0.5	88	98	4	1					396913.06	6908733.55	1205
8042428	42616	232758	66	N	437.5		25.2	12.8	-0.2	90	97	4.03	0		12.8	-0.2		396921.39	6908743.18	1204
8042428	42616	232822	66	N	450		25.2	9.7	-0.3	90	91	3.91	0		9.7	-0.3		396929.03	6908750.98	1205
8042428	42616	232906	66	N	462.5		25.2	1.7	-1.8	97	93	4.08	0		1.7	-1.8		396938.08	6908762.67	1205
8042428	42616	232934	66	N	475		25.2	-5	-2.9	100	97	4.23	0		-5	-2.9		396946.15	6908771.85	1205
8042428	42616	233002	66	N	487.5		25.2	1	2.6	84	108	4.16	0		1	2.6		396954.23	6908780.24	1205
8042428	42616	233034	66	N	500		25.2	4.5	3.4	81	108	4.11	0		4.5	3.4		396962.67	6908790.87	1204
8042428	42616	233054	66	N	500		25.2	4.4	3.3	76	103	3.89	1					396962.93	6908790.78	1204
8042428	42616	233134	66	N	512.5		25.2	5.4	3.2	80	103	3.97	0		5.4	3.2		396972.27	6908804.74	1203
8042428	42616	233206	66	N	525		25.2	3.2	1.7	40	123	3.92	0		3.2	1.7		396978.14	6908816.43	1202
8042428	42616	233230	66	N	537.5		25.2	4.7	0.5	29	57	3.89	0		4.7	0.5		396980.42	6908821.73	1202
8042428	42616	233302	66	N	550		25.2	2.9	0.6	42	52	4.07	0		2.9	0.6		396985.58	6908830.23	1202
8042428	42616	233322	66	N	550		25.2	3.3	0.2	41	51	3.98	1					396985.74	6908830.1	1202
8042428	42616	233906	68	N	550		25.2	15.9	-4.9	28	52	3.62	0		15.9	-4.9		397062.13	6908790.78	1214
8042428	42616	233926	68	N	550		25.2	15	-4.5	27	52	3.56	1					397062.35	6908790.69	1214
8042428	42616	234018	68	N	550		25.2	14.8	-5.2	31	47	3.44	1					397062.17	6908790.56	1214
8042428	42616	234306	68	N	537.5		25.2	18.8	-3.7	63	101	3.61	0		18.8	-3.7		397054.02	6908779.25	1214
8042428	42616	234438	68	N	525		25.2	24.5	-0.9	49	112	3.73	0		24.5	-0.9		397046.87	6908770.97	1213

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042428	42616	234510	68	N	512.5		25.2	27.3	-0.2	69	107	3.87	0		27.3	-0.2		397038.79	6908761.89	1214
8042428	42616	234538	68	N	500		25.2	25.6	-1.2	67	113	4	0		25.6	-1.2		397031.75	6908752.66	1214
8042428	42616	234554	68	N	487.5		25.2	26.1	-1	85	107	4.15	0		26.1	-1		397031.1	6908752.12	1214
8042428	42616	234634	68	N	475		25.2	24.2	-2	82	111	4.2	0		24.2	-2		397025.15	6908742.04	1214
8042428	42616	234718	68	N	462.5		25.2	17.4	-4.5	88	119	4.51	0		17.4	-4.5		397016.73	6908731.43	1214
8042428	42616	234746	68	N	450		25.2	13.2	-6.7	92	114	4.46	0		13.2	-6.7		397009.13	6908721.77	1214
8042428	42616	234814	68	N	437.5		25.2	9.4	-7.2	85	114	4.31	0		9.4	-7.2		397002.26	6908712.47	1214
8042428	42616	234842	68	N	425		25.2	7	-9.8	79	112	4.17	0		7	-9.8		396993.71	6908702.29	1214
8042428	42616	234910	68	N	412.5		25.2	5.8	-11.2	84	107	4.13	0		5.8	-11.2		396986.36	6908693.6	1216
8042428	42616	234938	68	N	400		25.2	7.4	-12.4	84	109	4.18	0		7.4	-12.4		396978.76	6908685.12	1216
8042428	42616	235006	68	N	387.5		25.2	9.1	-12.4	93	99	4.13	0		9.1	-12.4		396971.06	6908675.14	1215
8042428	42616	235022	68	N	387.5		25.2	9	-12.5	88	97	3.98	1					396970.93	6908675.1	1215
8042428	42616	235046	68	N	375		25.2	-2.3	1.6	-2	16	0.51	0		-2.3	1.6		396962.78	6908664.78	1215
8042428	42616	235110	68	N	362.5		25.2	-0.5	1	2	35	0.54	0		-0.5	1		396955.4	6908653.79	1215
8042428	42616	235130	68	N	362.5		25.2	3.4	-3.7	3	80	0.6	1					396955.36	6908653.44	1214
8042428	42616	235546	68	N	362.5		25.2	22.9	-25.4	123	127	2.69	1					396955.13	6908652.3	1213
8042428	42616	235602	68	N	362.5		25.2	11.4	-16.4	56	110	3.75	1					396955.26	6908652.17	1213
8042428	42616	235650	68	N	350		25.2	12.2	-17.8	79	107	4.04	0		12.2	-17.8		396948.71	6908643.95	1213
8042428	42616	235718	68	N	337.5		25.2	16.3	-17.9	68	114	4.02	0		16.3	-17.9		396941.78	6908636.32	1213
8042428	42616	235758	68	N	325		25.2	21.7	-14.9	92	101	4.15	0		21.7	-14.9		396934.17	6908624.64	1212
8042428	42616	235834	68	N	312.5		25.2	22.8	-12.9	86	112	4.29	0		22.8	-12.9		396925.11	6908617.78	1211
8042428	42616	235906	68	N	300		25.2	20.7	-9.9	51	125	4.1	0		20.7	-9.9		396918.19	6908609.32	1211
8042428	42616	235938	68	N	287.5		25.2	16.6	-2.9	18	65	4.12	0		16.6	-2.9		396911.73	6908601.02	1210
8042428	42616	14	68	N	275		25.2	10.2	-1.6	37	65	4.53	0		10.2	-1.6		396903.74	6908589.04	1209
8042428	42616	42	68	N	275		25.2	11.4	-2.2	20	73	4.64	1					396907.11	6908586.05	1210
8042428	42616	130	68	N	262.5		25.2	-4.3	-2.3	29	73	4.79	0		-4.3	-2.3		396899.58	6908575.52	1210
8042428	42616	206	68	N	250		25.2	-18.5	-0.9	38	67	4.66	0		-18.5	-0.9		396891.49	6908566.82	1210
8042428	42616	234	68	N	237.5		25.2	-26	-3.4	42	57	4.33	0		-26	-3.4		396882.13	6908556.36	1210
8042428	42616	305	68	N	225		25.2	-30.1	-7.4	33	60	4.14	0		-30.1	-7.4		396875.64	6908546.38	1210
8042428	42616	338	68	N	212.5		25.2	-22.3	-4	32	53	3.78	0		-22.3	-4		396866.76	6908531.15	1209
8042428	42616	410	68	N	200		25.2	-14.8	-2	23	50	3.39	0		-14.8	-2		396861.88	6908523.73	1209
8042428	42616	446	68	N	187.5		25.2	-4.7	1.5	25	48	3.33	0		-4.7	1.5		396854.75	6908513.27	1209
8042428	42616	510	68	N	175		25.2	-1.3	0	61	101	3.6	0		-1.3	0		396849.8	6908506.65	1209
8042428	42616	534	68	N	162.5		25.2	4.6	2.3	55	103	3.56	0		4.6	2.3		396844.07	6908497.96	1210
8042428	42616	602	68	N	150		25.2	11.4	4.2	51	110	3.68	0		11.4	4.2		396837.41	6908487.88	1209
8042428	42616	630	68	N	137.5		25.2	16.3	4.6	67	100	3.65	0		16.3	4.6		396831.98	6908476.51	1207
8042428	42616	702	68	N	125		25.2	24.1	7.1	67	103	3.75	0		24.1	7.1		396821.99	6908465.39	1206
8042428	42616	730	68	N	112.5		25.2	28.4	6.4	82	116	4.31	0		28.4	6.4		396813.84	6908453.71	1207
8042428	42616	754	68	N	100		25.2	24.6	1.7	81	109	4.13	0		24.6	1.7		396807.73	6908445.04	1206
8042428	42616	818	68	N	87.5		25.2	17.2	-2.4	78	121	4.36	0		17.2	-2.4		396801.72	6908437.45	1207
8042428	42616	846	68	N	75		25.2	17.1	-1.9	94	112	4.44	0		17.1	-1.9		396792.4	6908427.64	1205
8042428	42616	918	68	N	62.5		25.2	14.8	-3	85	120	4.46	0		14.8	-3		396783.63	6908417.95	1207
8042428	42616	946	68	N	50		25.2	15	-3.4	65	125	4.28	0		15	-3.4		396776.36	6908408.14	1207
8042428	42616	1018	68	N	37.5		25.2	5.8	-3.1	41	62	4.55	0		5.8	-3.1		396767.74	6908395.6	1207
8042428	42616	1106	68	N	25		25.2	5.3	-3.2	42	59	4.39	0		5.3	-3.2		396764.31	6908390.27	1208
8042428	42616	1158	68	N	12.5		25.2	-2.1	-5	35	63	4.39	0		-2.1	-5		396756.32	6908380.5	1210
8042428	42616	1226	68	N	0		25.2	-8.9	-7.7	49	54	4.48	0		-8.9	-7.7		396750.7	6908370.17	1208
8042428	42616	1254	68	N	-12.50		25.2	-8.8	-10.6	54	48	4.4	0		-8.8	-10.6		396741.26	6908361.68	1205
8042428	42616	1350	68	N	-25.00		25.2	-3.9	-7.8	48	49	4.17	0		-3.9	-7.8		396737.18	6908350.07	1206
8042428	42616	1406	68	N	-25.00		25.2	-3.5	-8.7	107	102	4.49	1					396737.2	6908350.23	1207
8042428	42616	1426	68	N	-25.00		25.2	-2.4	-8.6	86	101	4.03	1					396737.07	6908350.36	1207
1124844	42616	163346	57	N	462.5		25.2	73.2	-89.8	-8	3	0.28	0		73.2	-89.8		395885.67	6908239.93	1170
1124844	42616	163406	57	N	462.5		25.2	61.8	-81.1	-15	10	0.28	1					395885.56	6908239.95	1170
1124844	42616	163454	57	N	475		25.2	71.6	-80.8	-127	93	1.19	0		71.6	-80.8		395890.56	6908251.65	1171
1124844	42616	163530	57	N	487.5		25.2	77.9	-80.8	-127	93	2.39	0		77.9	-80.8		395897.21	6908263.11	1172
1124844	42616	163610	57	N	500		25.2	66.9	-80	-127	96	4.84	0		66.9	-80		395902.66	6908273.93	1173
1124844	42616	163650	57	N	512.5		25.2	6.4	-5.2	-15	55	3.48	0		6.4	-5.2		395910.63	6908281.94	1175
1124844	42616	163750	57	N	525		25.2	-4.8	-7.5	-9	41	2.58	0		-4.8	-7.5		395917.18	6908293.01	1177
1124844	42616	163830	57	N	537.5		25.2	76.7	-81.5	-7	5	0.28	0		76.7	-81.5		395926.09	6908302.4	1179
1124844	42616	163914	57	N	550		25.2	64.1	-77.5	-15	11	0.28	0		64.1	-77.5		395931.71	6908314.86	1180
1124844	42616	163934	57	N	550		25.2	69.9	-80.2	-127	95	1.2	1					395931.24	6908313.54	1181
1124844	42616	163958	57	N	550		25.2	76.8	-80.8	-127	93	2.39	1					395930.9	6908313.76	1182

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	164050	57	N	562.5		25.2	-1.7	0.3	-32	95	3.06	0		-1.7	0.3		395938.7	6908322.99	1183
1124844	42616	164142	57	N	575		25.2	-28.4	-3.4	11	81	2.47	0		-28.4	-3.4		395946.44	6908333.05	1183
1124844	42616	164242	57	N	587.5		25.2	-48.5	-4.1	-3	74	2.24	0		-48.5	-4.1		395954.03	6908343.69	1186
1124844	42616	164358	57	N	600		25.2	78.6	-81	-8	5	0.3	0		78.6	-81		395960.9	6908357.38	1187
1124844	42616	164538	57	N	612.5		25.2	-21.9	7.6	-19	97	1.5	0		-21.9	7.6		395960.52	6908357.08	1190
1124844	42616	164606	57	N	612.5		25.2	-22.2	7.3	-14	97	1.49	1					395960.48	6908357.11	1190
1124844	42616	164746	57	N	612.5		25.2	-43.2	3.1	-22	97	1.51	1					395960.49	6908357.11	1189
1124844	42616	165058	57	N	625		25.2	-84.2	-1.3	-4	97	1.48	0		-84.2	-1.3		395972.25	6908367.04	1189
1124844	42616	165506	57	N	625		25.2	-46.5	-0.5	9	79	2.41	1					395971.89	6908368.21	1188
1124844	42616	165754	57	N	637.5		25.2	-27.8	0.5	-41	90	3.02	0		-27.8	0.5		395977.9	6908376.43	1190
1124844	42616	165922	57	N	650		25.2	-45.1	-3.7	-35	85	2.8	0		-45.1	-3.7		395985.52	6908392.74	1192
1124844	42616	170002	57	N	662.5		25.2	-45.6	-2	-32	94	3.03	0		-45.6	-2		395992.99	6908399.7	1194
1124844	42616	170042	57	N	675		25.2	-54.3	-2.9	-25	88	2.78	0		-54.3	-2.9		395998.85	6908408.87	1195
1124844	42616	170138	57	N	687.5		25.2	-53.2	2.3	-27	93	2.96	0		-53.2	2.3		396008.73	6908418.14	1196
1124844	42616	170214	57	N	700		25.2	-57	3.3	-23	93	2.93	0		-57	3.3		396017.05	6908427.88	1198
1124844	42616	170322	57	N	712.5		25.2	-69.2	-2	-18	95	2.94	0		-69.2	-2		396023.87	6908440.44	1203
1124844	42616	170358	57	N	725		25.2	-74.6	-3.7	-40	93	3.06	0		-74.6	-3.7		396028.43	6908448.77	1203
1124844	42616	170450	57	N	737.5		25.2	-82.2	-5.3	-32	97	3.11	0		-82.2	-5.3		396034.37	6908462.14	1203
1124844	42616	170538	57	N	750		25.2	-73	-2.9	-44	97	3.25	0		-73	-2.9		396041.08	6908474.32	1203
1124844	42616	170622	57	N	762.5		25.2	-37.1	11	-58	97	3.44	0		-37.1	11		396049.18	6908486.78	1205
1124844	42616	170654	57	N	775		25.2	-38.1	5.6	-44	97	3.25	0		-38.1	5.6		396056.53	6908494.41	1205
1124844	42616	170742	57	N	787.5		25.2	-13.6	7.6	-70	97	3.64	0		-13.6	7.6		396064.92	6908507.03	1204
1124844	42616	170914	57	N	800		25.2	-12.7	3.2	-65	97	3.55	0		-12.7	3.2		396072.84	6908518.285	1204.75
1124844	42616	170954	57	N	812.5		25.2	0.7	4.9	-81	97	3.85	0		0.7	4.9		396080.76	6908529.54	1205.5
1124844	42616	171030	57	N	825		25.2	-3.6	6.1	-33	97	3.12	0		-3.6	6.1		396088.68	6908540.795	1206.25
1124844	42616	171138	57	N	837.5		25.2	-6.7	-0.7	-70	97	3.64	0		-6.7	-0.7		396096.6	6908552.05	1207
1124844	42616	171214	57	N	850		25.2	-21.4	-11.4	-54	91	3.21	0		-21.4	-11.4		396104.52	6908563.305	1207.75
1124844	42616	171246	57	N	862.5		25.2	-12.8	-5.7	-62	97	3.48	0		-12.8	-5.7		396112.44	6908574.56	1208.5
1124844	42616	171322	57	N	875		25.2	-33.9	-16.8	-43	84	2.87	0		-33.9	-16.8		396120.36	6908585.815	1209.25
1124844	42616	171358	57	N	887.5		25.2	-37.4	-16.3	-5	97	2.95	0		-37.4	-16.3		396128.28	6908597.07	1210
1124844	42616	171446	57	N	900		25.2	-31.4	-23.8	-33	95	3.05	0		-31.4	-23.8		396136.2	6908608.325	1210.75
1124844	42616	171534	57	N	912.5		25.2	-15.6	-16.6	-65	97	3.55	0		-15.6	-16.6		396144.12	6908619.58	1211.5
1124844	42616	171622	57	N	925		25.2	-12.2	-21.6	-4	98	2.97	0		-12.2	-21.6		396152.04	6908630.835	1212.25
1124844	42616	171702	57	N	937.5		25.2	-8.9	-19	-17	97	3.01	0		-8.9	-19		396159.96	6908642.09	1213
1124844	42616	171818	57	N	950		25.2	-12.9	-27	-20	84	2.61	0		-12.9	-27		396167.88	6908653.345	1213.75
1124844	42616	171858	57	N	962.5		25.2	0	-43.8	-46	64	2.4	0		0	-43.8		396175.8	6908664.6	1214.5
1124844	42616	171950	57	N	975		25.2	3.1	-37.7	-39	65	2.31	0		3.1	-37.7		396183.72	6908675.855	1215.25
1124844	42616	172134	57	N	975		25.2	11.5	-21.7	-49	97	3.31	1					396191.64	6908687.11	1216
1124844	42616	172226	57	N	987.5		25.2	12.1	-23.3	-28	97	3.08	0		12.1	-23.3		396199.56	6908698.365	1216.75
1124844	42616	172302	57	N	1000		25.2	14.4	-19.5	-68	97	3.6	0		14.4	-19.5		396207.48	6908709.62	1217.5
1124844	42616	172338	57	N	1012.5		25.2	18.1	-17.5	-54	97	3.38	0		18.1	-17.5		396215.4	6908720.875	1218.25
1124844	42616	172410	57	N	1025		25.2	17.8	-15.2	-65	97	3.54	0		17.8	-15.2		396223.32	6908732.13	1219
1124844	42616	172450	57	N	1037.5		25.2	18.3	-14.3	-92	96	4.04	0		18.3	-14.3		396231.24	6908743.385	1219.75
1124844	42616	172522	57	N	1050		25.2	19	-12.8	-66	88	3.33	0		19	-12.8		396239.16	6908754.64	1220.5
1124844	42616	175254	57	N	1062.5		25.2	-8.8	-20.5	47	58	2.27	0		-8.8	-20.5		396247.08	6908765.895	1221.25
1124844	42616	175326	57	N	1075		25.2	-28	-23.5	38	45	1.8	0		-28	-23.5		396255	6908777.15	1222
1124844	42616	175414	57	N	1100		25.2	7.6	-9.5	100	100	2.14	0		7.6	-9.5		396266.85	6908795.39	1223
1124844	42616	175454	57	N	1112.5		25.2	28	-1.2	98	99	2.11	0		28	-1.2		396274.92	6908804.65	1222
1124844	42616	175530	57	N	1125		25.2	25.1	-1.6	100	100	2.15	0		25.1	-1.6		396282.42	6908816.94	1220
1124844	42616	175602	57	N	1137.5		25.2	-18.2	-7.7	34	98	1.57	0		-18.2	-7.7		396290.34	6908828.07	1217
1124844	42616	175726	57	N	1150		25.2	-30.7	-8.3	43	98	1.63	0		-30.7	-8.3		396297.73	6908837.31	1213
1124844	42616	175750	57	N	1150		25.2	-14.6	-21.2	58	98	1.73	1					396297.68	6908837.2	1213
1124844	42616	175822	57	N	1150		25.2	-28.3	-9	62	98	1.76	1					396297.49	6908836.82	1214
1124844	42616	181110	59	N	1200		25.2	9.7	9.7	97	99	2.1	0		9.7	9.7		396420.39	6908750.75	1215
1124844	42616	181158	59	N	1187.5		25.2	-8.5	-10	87	98	1.99	0		-8.5	-10		396420.48	6908750.77	1215
1124844	42616	181218	59	N	1187.5		25.2	-23.7	-7.5	92	99	2.05	1					396420.52	6908750.77	1215
1124844	42616	181354	59	N	1200		25.2	-14.4	-1.2	21	98	1.52	0		-14.4	-1.2		396410.01	6908738.45	1217
1124844	42616	181446	59	N	1212.5		25.2	7	15.7	24	98	1.53	0		7	15.7		396403.8	6908725.32	1216
1124844	42616	181522	59	N	1225		25.2	18.3	11.2	97	99	2.1	0		18.3	11.2		396398.74	6908715.97	1214
1124844	42616	181554	59	N	1237.5		25.2	29	15.6	77	98	1.89	0		29	15.6		396391.9	6908704.38	1214
1124844	42616	181630	59	N	1250		25.2	22.6	17	94	99	2.08	0		22.6	17		396386.06	6908693.64	1213
1124844	42616	181702	59	N	1262.5		25.2	21.8	13.1	100	100	2.14	0		21.8	13.1		396378.41	6908683.02	1213

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	181746	59	N	1275		25.2	16.1	12.5	82	98	1.94	0		16.1	12.5		396369.75	6908674.85	1213
1124844	42616	181822	59	N	1287.5		25.2	15.4	11.9	100	100	2.15	0		15.4	11.9		396359.46	6908666.98	1214
1124844	42616	181850	59	N	1300		25.2	28.7	16.3	60	98	1.74	0		28.7	16.3		396350.59	6908657.18	1212
1124844	42616	181950	59	N	1312.5		25.2	31.3	13.6	43	98	1.63	0		31.3	13.6		396345.6	6908644.61	1211
1124844	42616	182022	59	N	1325		25.2	13.9	17.6	75	98	1.87	0		13.9	17.6		396338.68	6908634.18	1211
1124844	42616	182054	59	N	1337.5		25.2	12.5	20.6	73	98	1.85	0		12.5	20.6		396331.94	6908622.67	1210
1124844	42616	182354	59	N	1350		25.2	12.1	25.4	96	99	2.09	0		12.1	25.4		396324.91	6908613.85	1210
1124844	42616	182434	59	N	1362.5		25.2	4.8	26.3	93	99	2.05	0		4.8	26.3		396318.75	6908602.25	1208
1124844	42616	182510	59	N	1375		25.2	7.5	29.3	48	98	1.66	0		7.5	29.3		396308.61	6908595.04	1207
1124844	42616	182538	59	N	1387.5		25.2	14.5	34.5	15	98	1.5	0		14.5	34.5		396300.98	6908587.47	1207
1124844	42616	182622	59	N	1400		25.2	-17	29.2	56	98	1.71	0		-17	29.2		396294.99	6908574.65	1205
1124844	42616	182702	59	N	1412.5		25.2	-29.5	25.3	42	98	1.61	0		-29.5	25.3		396288.16	6908563.56	1203
1124844	42616	182738	59	N	1425		25.2	-34.4	24.2	49	98	1.66	0		-34.4	24.2		396279.82	6908553.49	1202
1124844	42616	182814	59	N	1437.5		25.2	-44.8	18.3	54	98	1.7	0		-44.8	18.3		396272.17	6908542.82	1202
1124844	42616	182914	59	N	1450		25.2	-49.4	19.2	53	98	1.69	0		-49.4	19.2		396266.19	6908532.11	1201
1124844	42616	183010	59	N	1462.5		25.2	-38.8	24	56	98	1.72	0		-38.8	24		396258.58	6908519.57	1199
1124844	42616	183046	59	N	1475		25.2	-39.2	23.5	14	98	1.5	0		-39.2	23.5		396251.69	6908507.44	1197
1124844	42616	183122	59	N	1487.5		25.2	12.7	3.7	9	98	1.49	0		12.7	3.7		396245.58	6908498.51	1195
1124844	42616	183202	59	N	1500		25.2	41.5	10.7	85	98	1.97	0		41.5	10.7		396235.04	6908488.99	1193
1124844	42616	183242	59	N	1512.5		25.2	19.5	6.4	98	100	2.12	0		19.5	6.4		396230.24	6908477.75	1193
1124844	42616	183334	59	N	1525		25.2	8.7	2.1	74	98	1.87	0		8.7	2.1		396220.59	6908470.58	1191
1124844	42616	183410	59	N	1537.5		25.2	16	-5.9	79	98	1.91	0		16	-5.9		396213.78	6908458.88	1189
1124844	42616	183450	59	N	1550		25.2	19.2	-19	29	98	1.55	0		19.2	-19		396204.4	6908449.26	1189
1124844	42616	183522	59	N	1562.5		25.2	34.1	-27.4	26	98	1.54	0		34.1	-27.4		396199.57	6908438.78	1188
1124844	42616	183558	59	N	1575		25.2	48.1	-29.2	66	98	1.79	0		48.1	-29.2		396194.24	6908425.17	1187
1124844	42616	183634	59	N	1587.5		25.2	75.3	-28.2	100	100	2.14	0		75.3	-28.2		396185.77	6908414.04	1186
1124844	42616	183710	59	N	1600		25.2	121.5	-27.2	46	98	1.64	0		121.5	-27.2		396177.82	6908403.21	1184
1124844	42616	183742	59	N	1612.5		25.2	84.9	-8.5	33	98	3.14	0		84.9	-8.5		396172.96	6908391.37	1184
1124844	42616	183818	59	N	1625		25.2	75.8	-10.2	-27	97	3.05	0		75.8	-10.2		396164.18	6908382.91	1183
1124844	42616	183902	59	N	1637.5		25.2	62.5	-15	21	98	3.04	0		62.5	-15		396156	6908371.61	1184
1124844	42616	183934	59	N	1650		25.2	56	-17.3	19	97	3.02	0		56	-17.3		396151.23	6908359.01	1180
1124844	42616	184010	59	N	1662.5		25.2	47.8	-17.5	19	97	3.01	0		47.8	-17.5		396145.2	6908348.26	1179
1124844	42616	184046	59	N	1675		25.2	42.4	-19.2	34	95	3.08	0		42.4	-19.2		396133.71	6908338.77	1178
1124844	42616	184126	59	N	1687.5		25.2	33.1	-18.1	32	97	3.1	0		33.1	-18.1		396127.53	6908330.79	1178
1124844	42616	184226	59	N	1700		25.2	28	-16.7	41	96	3.16	0		28	-16.7		396117.52	6908317.6	1175
1124844	42616	184302	59	N	1712.5		25.2	24.8	-14.4	37	97	3.16	0		24.8	-14.4		396108.31	6908307.85	1174
1124844	42616	184334	59	N	1725		25.2	21.6	-12.7	45	97	3.24	0		21.6	-12.7		396102.46	6908297.07	1173
1124844	42616	184434	59	N	1737.5		25.2	18.7	-12.5	47	95	3.23	0		18.7	-12.5		396095.85	6908287.19	1169
1124844	42616	184506	59	N	1750		25.2	20.5	-7.3	17	97	2.99	0		20.5	-7.3		396088.04	6908278.12	1170
1124844	42616	184542	59	N	1762.5		25.2	22.3	-3.5	13	97	2.97	0		22.3	-3.5		396083.12	6908265.23	1167
1124844	42616	184618	59	N	1775		25.2	16.3	-2.1	49	97	3.3	0		16.3	-2.1		396075.3	6908252.04	1163
1124844	42616	184646	59	N	1787.5		25.2	12.5	-0.6	41	97	3.21	0		12.5	-0.6		396068.8	6908243.01	1161
1124844	42616	184718	59	N	1800		25.2	17.3	3.5	23	98	3.05	0		17.3	3.5		396061.27	6908232.26	1161
1124844	42616	184754	59	N	1812.5		25.2	16.9	5.2	33	97	3.13	0		16.9	5.2		396053.25	6908222.33	1159
1124844	42616	184830	59	N	1825		25.2	10.9	6.9	41	98	3.22	0		10.9	6.9		396044.64	6908212.71	1157
1124844	42616	184910	59	N	1837.5		25.2	9.6	11.8	40	97	3.2	0		9.6	11.8		396039.09	6908199.9	1153
1124844	42616	184954	59	N	1850		25.2	1.4	9.3	25	97	3.06	0		1.4	9.3		396030.64	6908190.51	1151
1124844	42616	185030	59	N	1862.5		25.2	-2.7	11	14	97	2.98	0		-2.7	11		396023.81	6908179.81	1150
1124844	42616	185110	59	N	1875		25.2	4.5	9.9	37	98	3.18	0		4.5	9.9		396017.05	6908169.49	1148
1124844	42616	185158	59	N	1887.5		25.2	-0.7	9.8	33	98	3.13	0		-0.7	9.8		396010.03	6908158.62	1146
1124844	42616	185230	59	N	1900		25.2	2.6	9.1	30	98	3.11	0		2.6	9.1		396003.65	6908147.61	1144
1124844	42616	185338	59	N	1912.5		25.2	0.4	-1.2	64	98	3.55	0		0.4	-1.2		395998.99	6908136.75	1142
1124844	42616	185458	59	N	1925		25.2	28.8	-0.9	93	99	4.12	0		28.8	-0.9		395991.18	6908125.8	1139
1124844	42616	185606	59	N	1937.5		25.2	42.8	-4.7	57	98	3.44	0		42.8	-4.7		395985.03	6908118.39	1141
1124844	42616	185646	59	N	1950		25.2	50.8	-3.9	61	98	3.5	0		50.8	-3.9		395979.24	6908111	1138
1124844	42616	185718	59	N	1962.5		25.2	58.2	-8.1	2	98	2.97	0		58.2	-8.1		395974.17	6908103.63	1137
1124844	42616	185754	59	N	1975		25.2	39.4	-10.7	67	97	3.59	0		39.4	-10.7		395972.06	6908094.55	1136
1124844	42616	185858	59	N	1987.5		25.2	35.8	-17.2	51	97	3.35	0		35.8	-17.2		395963.11	6908088.59	1133
1124844	42616	190002	59	N	2000		25.2	40.1	-16	51	97	3.34	0		40.1	-16		395954.39	6908078.24	1130
1124844	42616	190054	59	N	2012.5		25.2	50.7	-14	54	97	3.36	0		50.7	-14		395946.34	6908070.65	1128
1124844	42616	190158	59	N	2025		25.2	44.2	-15.7	43	97	3.22	0		44.2	-15.7		395934.93	6908058.38	1125
1124844	42616	190346	59	N	2037.5		25.2	43.8	-16.6	63	93	3.41	0		43.8	-16.6		395927.17	6908043.63	1123

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	190434	59	N	2050		25.2	43.7	-14.8	54	96	3.36	0		43.7	-14.8		395922.64	6908035.12	1122
1124844	42616	190506	59	N	2062.5		25.2	48.4	-13.6	23	97	3.03	0		48.4	-13.6		395915.08	6908027.82	1119
1124844	42616	190558	59	N	2075		25.2	46.1	-8.5	12	97	2.97	0		46.1	-8.5		395910.79	6908016.28	1120
1124844	42616	190638	59	N	2087.5		25.2	46.2	-6.5	32	95	3.04	0		46.2	-6.5		395907.4	6908005.29	1117
1124844	42616	190714	59	N	2100		25.2	43.1	-4.8	9	96	2.92	0		43.1	-4.8		395902.14	6907996.82	1116
1124844	42616	190750	59	N	2112.5		25.2	36.5	-8.6	15	95	2.92	0		36.5	-8.6		395894.02	6907987.2	1111
1124844	42616	190826	59	N	2125		25.2	29.1	-10.1	31	97	3.09	0		29.1	-10.1		395885.3	6907979.83	1107
1124844	42616	190910	59	N	2137.5		25.2	25.1	-12.2	28	94	2.98	0		25.1	-12.2		395879.55	6907968.01	1106
1124844	42616	190942	59	N	2150		25.2	26	-8.4	33	92	2.98	0		26	-8.4		395873.91	6907958.44	1106
1124844	42616	191014	59	N	2162.5		25.2	21.5	-6.1	19	97	3.01	0		21.5	-6.1		395865.61	6907946.38	1102
1124844	42616	191054	59	N	2175		25.2	24.6	-7.3	25	94	2.96	0		24.6	-7.3		395857.41	6907935.01	1098
1124844	42616	191202	59	N	2187.5		25.2	19.7	-3.9	34	95	3.08	0		19.7	-3.9		395845.69	6907929.16	1098
1124844	42616	191234	59	N	2200		25.2	19.8	-2.3	-12	97	2.97	0		19.8	-2.3		395838	6907921.9	1098
1124844	42616	191310	59	N	2212.5		25.2	19.7	-0.9	-16	97	3	0		19.7	-0.9		395833.59	6907909.99	1093
1124844	42616	191358	59	N	2225		25.2	27.8	1.2	21	97	3.03	0		27.8	1.2		395827.75	6907899.47	1095
1124844	42616	191434	59	N	2237.5		25.2	24.8	-1.8	23	93	2.92	0		24.8	-1.8		395819.64	6907889.28	1089
1124844	42616	191510	59	N	2250		25.2	33.9	-0.9	31	97	3.11	0		33.9	-0.9		395812.33	6907879.31	1085
1124844	42616	191550	59	N	2262.5		25.2	31.4	2.2	68	88	3.37	0		31.4	2.2		395803.74	6907866.95	1085
1124844	42616	191638	59	N	2275		25.2	32.8	1.9	45	91	3.09	0		32.8	1.9		395795.32	6907860.3	1084
1124844	42616	191726	59	N	2287.5		25.2	29.6	6	38	95	3.12	0		29.6	6		395788.24	6907850.81	1079
1124844	42616	191802	59	N	2300		25.2	39.3	6.6	18	96	2.98	0		39.3	6.6		395779.89	6907840.52	1076
1124844	42616	191834	59	N	2312.5		25.2	33	7.8	6	95	2.9	0		33	7.8		395772.69	6907829.82	1072
1124844	42616	191922	59	N	2325		25.2	29.3	6	27	97	3.05	0		29.3	6		395766.69	6907818.01	1069
1124844	42616	192002	59	N	2337.5		25.2	23	2	0	93	2.82	0		23	2		395761.58	6907807.56	1063
1124844	42616	192058	59	N	2350		25.2	22.4	6.3	-37	94	3.08	0		22.4	6.3		395762.9	6907795.52	1063
1124844	42616	192138	59	N	2362.5		25.2	19.2	1.3	-2	91	2.78	0		19.2	1.3		395758.09	6907783.26	1063
1124844	42616	192210	59	N	2375		25.2	17.8	-0.1	46	92	3.12	0		17.8	-0.1		395751.2	6907772.77	1061
1124844	42616	192238	59	N	2387.5		25.2	15.6	1.7	28	98	3.09	0		15.6	1.7		395743.47	6907767.54	1057
1124844	42616	192318	59	N	2400		25.2	29	5.6	13	96	2.95	0		29	5.6		395734.8	6907758.35	1056
1124844	42616	192338	59	N	2400		25.2	30	5.2	24	97	3.04	1					395734.66	6907756.9	1056
1124844	42616	195542	61	N	0		25.2	-6.1	-6.6	26	97	3.07	0		-6.1	-6.6		395820.94	6907709.2	1068
1124844	42616	195602	61	N	0		25.2	-10.5	-4.8	33	98	3.14	1					395821.05	6907709.19	1067
1124844	42616	195658	61	N	12.5		25.2	-8.8	-8.9	46	98	3.29	0		-8.8	-8.9		395827.83	6907720.72	1070
1124844	42616	195726	61	N	12.5		25.2	-10.9	-7.2	43	97	3.24	1					395828.48	6907721.54	1070
1124844	42616	195802	61	N	25		25.2	-8.1	-8	79	95	3.77	0		-8.1	-8		395836.91	6907731.04	1073
1124844	42616	195842	61	N	37.5		25.2	-11.1	-3.2	29	98	3.1	0		-11.1	-3.2		395843.22	6907739.8	1076
1124844	42616	195926	61	N	50		25.2	-10.2	-3.1	-11	97	2.98	0		-10.2	-3.1		395850.27	6907751.96	1078
1124844	42616	200006	61	N	62.5		25.2	-10.6	-6.1	7	97	2.97	0		-10.6	-6.1		395854.82	6907762.82	1082
1124844	42616	200046	61	N	75		25.2	-13.6	-9	18	97	3	0		-13.6	-9		395858.15	6907776.73	1084
1124844	42616	200146	61	N	87.5		25.2	-17.7	-10.1	25	96	3.01	0		-17.7	-10.1		395861.56	6907787.8	1085
1124844	42616	200222	61	N	100		25.2	-18.5	-10.9	56	95	3.36	0		-18.5	-10.9		395871.17	6907796.12	1089
1124844	42616	200310	61	N	112.5		25.2	-17.8	-9.1	76	90	3.57	0		-17.8	-9.1		395881.77	6907804.23	1093
1124844	42616	200354	61	N	125		25.2	-19.1	-8.2	22	98	3.04	0		-19.1	-8.2		395889.93	6907809.5	1096
1124844	42616	200430	61	N	137.5		25.2	-20	-7.9	32	98	3.14	0		-20	-7.9		395896.92	6907819.38	1099
1124844	42616	200534	61	N	150		25.2	-13.1	-1.2	25	98	3.07	0		-13.1	-1.2		395901.65	6907831.93	1100
1124844	42616	200618	61	N	162.5		25.2	-8.5	0.4	37	98	3.18	0		-8.5	0.4		395909.25	6907843.61	1104
1124844	42616	200654	61	N	175		25.2	-8.1	-1.2	49	96	3.29	0		-8.1	-1.2		395916.99	6907853.9	1105
1124844	42616	200734	61	N	187.5		25.2	-13.8	0	32	96	3.08	0		-13.8	0		395925.33	6907862.62	1109
1124844	42616	200814	61	N	200		25.2	-15.5	-2.4	33	97	3.11	0		-15.5	-2.4		395931.51	6907873.04	1109
1124844	42616	200854	61	N	212.5		25.2	-18.3	0.7	52	97	3.34	0		-18.3	0.7		395938.28	6907882.52	1112
1124844	42616	200930	61	N	225		25.2	-12.9	5.5	33	96	3.1	0		-12.9	5.5		395945.87	6907889.69	1115
1124844	42616	201002	61	N	237.5		25.2	-16	6.3	24	97	3.03	0		-16	6.3		395954.45	6907897.97	1117
1124844	42616	201042	61	N	250		25.2	-17.5	3.4	60	92	3.35	0		-17.5	3.4		395962.02	6907908.01	1120
1124844	42616	201114	61	N	262.5		25.2	-24.2	4	34	97	3.13	0		-24.2	4		395969.3	6907915.68	1122
1124844	42616	201202	61	N	275		25.2	-24	4	52	98	3.37	0		-24	4		395977.55	6907927.34	1125
1124844	42616	201246	61	N	287.5		25.2	-27.8	2.6	39	95	3.13	0		-27.8	2.6		395986.26	6907937.46	1127
1124844	42616	201354	61	N	300		25.2	-32.8	4.5	36	97	3.15	0		-32.8	4.5		395991.1	6907946.49	1131
1124844	42616	201438	61	N	312.5		25.2	-31.8	9.7	17	98	3.01	0		-31.8	9.7		395994.98	6907957.5	1131
1124844	42616	201526	61	N	325		25.2	-36.9	12.2	28	98	3.09	0		-36.9	12.2		396000.28	6907969.99	1134
1124844	42616	201626	61	N	337.5		25.2	-37.6	11.9	35	97	3.13	0		-37.6	11.9		396007.17	6907981.74	1137
1124844	42616	201710	61	N	350		25.2	-38	10.1	58	96	3.4	0		-38	10.1		396015.47	6907990.2	1139
1124844	42616	201750	61	N	362.5		25.2	-45.9	11.2	32	97	3.11	0		-45.9	11.2		396022.95	6908001.83	1140

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	201826	61	N	375		25.2	-52.3	12.7	31	97	3.1	0		-52.3	12.7		396024.94	6908011.39	1142
1124844	42616	201906	61	N	387.5		25.2	-60.2	11.8	31	98	3.12	0		-60.2	11.8		396032.03	6908021.84	1143
1124844	42616	201946	61	N	400		25.2	-64.5	9.7	40	98	3.21	0		-64.5	9.7		396037.35	6908032.96	1146
1124844	42616	202030	61	N	412.5		25.2	-63	6.7	48	98	3.31	0		-63	6.7		396042.46	6908046.06	1147
1124844	42616	202106	61	N	425		25.2	-55.8	6.2	56	98	3.43	0		-55.8	6.2		396048.58	6908056.41	1150
1124844	42616	202226	61	N	437.5		25.2	-60.6	-1.3	88	98	3.99	0		-60.6	-1.3		396058.39	6908064.89	1152
1124844	42616	202302	61	N	450		25.2	-37.9	-2.8	100	100	4.31	0		-37.9	-2.8		396067.65	6908070.41	1153
1124844	42616	202402	61	N	462.5		25.2	-13.5	6.3	17	98	3.02	0		-13.5	6.3		396077.14	6908079.72	1156
1124844	42616	202442	61	N	475		25.2	23.8	4.1	70	98	3.65	0		23.8	4.1		396086.7	6908091.1	1157
1124844	42616	202550	61	N	487.5		25.2	34.8	1.9	9	98	2.98	0		34.8	1.9		396093.63	6908100.1	1158
1124844	42616	202654	61	N	500		25.2	26.9	-4	41	98	3.22	0		26.9	-4		396099.59	6908109.32	1159
1124844	42616	202738	61	N	512.5		25.2	21.4	-7.3	38	98	3.18	0		21.4	-7.3		396104.57	6908121.48	1159
1124844	42616	202826	61	N	525		25.2	20	-4.5	39	97	3.17	0		20	-4.5		396111.4	6908131.39	1161
1124844	42616	202922	61	N	537.5		25.2	15.4	-5	32	92	2.98	0		15.4	-5		396115.09	6908140.78	1161
1124844	42616	202954	61	N	550		25.2	7.4	-8.4	39	85	2.85	0		7.4	-8.4		396124.35	6908150.78	1164
1124844	42616	203034	61	N	562.5		25.2	5.4	-7.8	33	93	2.99	0		5.4	-7.8		396131.64	6908160.7	1165
1124844	42616	203114	61	N	575		25.2	-4.7	-9.2	32	88	2.84	0		-4.7	-9.2		396138.79	6908171.08	1166
1124844	42616	203150	61	N	587.5		25.2	-9	-8	46	84	2.92	0		-9	-8		396149.6	6908179.14	1167
1124844	42616	203222	61	N	600		25.2	-14	-7.6	34	82	2.71	0		-14	-7.6		396156.36	6908190.22	1167
1124844	42616	203254	61	N	612.5		25.2	-14.1	-7.5	31	88	2.85	0		-14.1	-7.5		396163.05	6908200.72	1168
1124844	42616	203338	61	N	625		25.2	-11.4	0.1	58	82	3.05	0		-11.4	0.1		396171.69	6908212.71	1169
1124844	42616	203410	61	N	637.5		25.2	-17.2	-1.2	52	77	2.84	0		-17.2	-1.2		396178.28	6908222.29	1170
1124844	42616	203454	61	N	650		25.2	-25.3	-8	54	73	2.77	0		-25.3	-8		396183.55	6908232.48	1171
1124844	42616	203706	61	N	662.5		25.2	-40.2	0.7	45	78	2.75	0		-40.2	0.7		396190.63	6908241.78	1170
1124844	42616	203810	61	N	675		25.2	-35.8	-0.3	48	92	3.15	0		-35.8	-0.3		396197.29	6908255.38	1170
1124844	42616	203842	61	N	687.5		25.2	-42.7	-1.1	52	90	3.15	0		-42.7	-1.1		396202.9	6908265.85	1170
1124844	42616	203910	61	N	700		25.2	-47.8	0.4	52	92	3.22	0		-47.8	0.4		396208.81	6908274.2	1171
1124844	42616	204010	61	N	712.5		25.2	-47.4	2.6	65	88	3.33	0		-47.4	2.6		396218.12	6908286.94	1171
1124844	42616	204206	61	N	725		25.2	-55	6.1	62	94	3.43	0		-55	6.1		396226.72	6908296.59	1170
1124844	42616	204254	61	N	737.5		25.2	-49	7	62	97	3.51	0		-49	7		396233.6	6908306.94	1172
1124844	42616	204346	61	N	750		25.2	-39.2	12	58	98	3.45	0		-39.2	12		396240.08	6908317.44	1173
1124844	42616	204418	61	N	762.5		25.2	-27.6	14	87	93	3.88	0		-27.6	14		396248.17	6908326.75	1175
1124844	42616	204450	61	N	775		25.2	-27.9	12.1	82	98	3.87	0		-27.9	12.1		396258.47	6908336.15	1176
1124844	42616	204518	61	N	787.5		25.2	-34.7	9.3	66	98	3.59	0		-34.7	9.3		396263.17	6908347.66	1177
1124844	42616	204550	61	N	800		25.2	-34.3	11.1	68	98	3.62	0		-34.3	11.1		396271.37	6908357.51	1178
1124844	42616	204630	61	N	812.5		25.2	-33.1	7.4	69	98	3.64	0		-33.1	7.4		396278.4	6908367.93	1181
1124844	42616	204710	61	N	825		25.2	-31.3	2.6	62	98	3.51	0		-31.3	2.6		396286.22	6908377.51	1182
1124844	42616	204746	61	N	837.5		25.2	-28.2	0.5	72	98	3.69	0		-28.2	0.5		396292.9	6908388.83	1183
1124844	42616	204818	61	N	850		25.2	-19.8	-2.9	44	98	3.26	0		-19.8	-2.9		396299.31	6908398.74	1185
1124844	42616	204902	61	N	862.5		25.2	-0.7	-6.5	55	98	3.41	0		-0.7	-6.5		396307.52	6908410.88	1187
1124844	42616	204938	61	N	875		25.2	5.7	-6.6	-13	98	3	0		5.7	-6.6		396310.13	6908420.28	1187
1124844	42616	205018	61	N	887.5		25.2	15.1	-11.3	60	98	3.49	0		15.1	-11.3		396318.12	6908431.92	1190
1124844	42616	205046	61	N	900		25.2	30.6	-14.7	58	98	3.45	0		30.6	-14.7		396325.24	6908440.79	1191
1124844	42616	205118	61	N	912.5		25.2	30.4	-14.4	48	98	3.31	0		30.4	-14.4		396332.42	6908450.6	1192
1124844	42616	205150	61	N	925		25.2	39	-15	52	98	3.36	0		39	-15		396341.75	6908461.22	1193
1124844	42616	205222	61	N	937.5		25.2	45.1	-16.9	38	98	3.18	0		45.1	-16.9		396349.25	6908472.18	1194
1124844	42616	205302	61	N	950		25.2	30.9	-15.2	60	98	3.47	0		30.9	-15.2		396355.28	6908483.02	1196
1124844	42616	205346	61	N	962.5		25.2	26.3	-18.3	38	98	3.18	0		26.3	-18.3		396363.08	6908492.8	1195
1124844	42616	205422	61	N	975		25.2	20.5	-20.2	21	96	3	0		20.5	-20.2		396368.53	6908503.93	1196
1124844	42616	205502	61	N	987.5		25.2	12.8	-20.1	13	98	2.99	0		12.8	-20.1		396378.11	6908518.87	1197
1124844	42616	205538	61	N	1000		25.2	10.3	-19.9	28	98	3.09	0		10.3	-19.9		396381.98	6908528.07	1199
1124844	42616	205614	61	N	1012.5		25.2	11	-18.9	42	97	3.2	0		11	-18.9		396389.95	6908536.14	1200
1124844	42616	205650	61	N	1025		25.2	0.5	-20.3	53	93	3.26	0		0.5	-20.3		396397.8	6908544.1	1202
1124844	42616	205718	61	N	1037.5		25.2	-3.2	-19.1	43	94	3.13	0		-3.2	-19.1		396406.01	6908551.6	1203
1124844	42616	205750	61	N	1050		25.2	5.3	-18.5	27	91	2.9	0		5.3	-18.5		396412.22	6908563.08	1203
1124844	42616	205830	61	N	1062.5		25.2	-1.8	-16.6	33	94	3.04	0		-1.8	-16.6		396421.81	6908573.39	1204
1124844	42616	205902	61	N	1075		25.2	0.8	-13.4	29	97	3.09	0		0.8	-13.4		396429.17	6908584.06	1206
1124844	42616	205930	61	N	1087.5		25.2	2.8	-11.8	46	96	3.25	0		2.8	-11.8		396434.39	6908593.59	1207
1124844	42616	210002	61	N	1100		25.2	4.8	-11.5	35	98	3.15	0		4.8	-11.5		396442.26	6908605.12	1207
1124844	42616	210034	61	N	1112.5		25.2	0	-9.2	44	97	3.23	0		0	-9.2		396447.18	6908617.05	1208
1124844	42616	210106	61	N	1125		25.2	-3	-9.3	29	97	3.09	0		-3	-9.3		396454.27	6908626.75	1208
1124844	42616	210138	61	N	1137.5		25.2	-3.5	-10.4	7	97	2.96	0		-3.5	-10.4		396460.79	6908636.18	1208

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	210214	61	N	1150		25.2	-8.6	-10.4	5	98	2.97	0		-8.6	-10.4		396464.74	6908647.71	1210
1124844	42616	210246	61	N	1162.5		25.2	-3.4	-11.5	16	98	3.01	0		3.4	-11.5		396471.91	6908659.89	1211
1124844	42616	210318	61	N	1175		25.2	-1	-7.4	58	98	3.45	0		-1	-7.4		396482.42	6908668.95	1211
1124844	42616	210346	61	N	1187.5		25.2	4	-6.3	79	98	3.82	0		4	-6.3		396490.17	6908677.53	1211
1124844	42616	210422	61	N	1200		25.2	2.6	-5.9	61	96	3.47	0		2.6	-5.9		396496.38	6908685.39	1211
1124844	42616	210450	61	N	1212.5		25.2	2.1	-3.5	47	98	3.29	0		2.1	-3.5		396502.12	6908694.87	1212
1124844	42616	210510	61	N	1212.5		25.2	1.9	-3.7	52	97	3.33	1					396502.12	6908694.87	1211
1124844	42616	211314	63	N	1200		25.2	-4.6	-3.1	0	98	2.97	0		-4.6	-3.1		396583.51	6908634.84	1208
1124844	42616	211342	63	N	1200		25.2	-11.3	-0.6	51	98	3.35	1					396583.52	6908634.7	1208
1124844	42616	211434	63	N	1187.5		25.2	-11.2	-2.7	29	98	3.09	0		-11.2	-2.7		396573.93	6908616.91	1208
1124844	42616	211522	63	N	1175		25.2	-8.2	-5.2	34	98	3.14	0		-8.2	-5.2		396565.51	6908606.3	1208
1124844	42616	211558	63	N	1162.5		25.2	-6.3	-1.5	30	96	3.07	0		-6.3	-1.5		396559.06	6908597.61	1208
1124844	42616	211630	63	N	1150		25.2	-0.9	-4.8	37	97	3.17	0		-0.9	-4.8		396551.3	6908586.61	1207
1124844	42616	211702	63	N	1137.5		25.2	3.8	-3.2	28	98	3.09	0		3.8	-3.2		396542.62	6908577.59	1206
1124844	42616	211738	63	N	1125		25.2	3.3	-4.4	27	97	3.06	0		3.3	-4.4		396531.46	6908562.07	1205
1124844	42616	211806	63	N	1112.5		25.2	6.2	-6.2	44	97	3.23	0		6.2	-6.2		396525.89	6908552.89	1205
1124844	42616	211838	63	N	1100		25.2	-0.9	-8.1	4	97	2.95	0		-0.9	-8.1		396520.54	6908543.37	1204
1124844	42616	212022	63	N	1087.5		25.2	13	-5.2	45	97	3.25	0		13	-5.2		396511.9	6908531.44	1203
1124844	42616	212058	63	N	1075		25.2	5.3	-10.2	58	97	3.43	0		5.3	-10.2		396505.68	6908519.83	1202
1124844	42616	212126	63	N	1062.5		25.2	4.1	-8.2	75	93	3.61	0		4.1	-8.2		396496.76	6908512.05	1200
1124844	42616	212158	63	N	1050		25.2	10	-5.4	68	97	3.6	0		10	-5.4		396487.59	6908503.11	1200
1124844	42616	212238	63	N	1037.5		25.2	15	-7.2	37	98	3.18	0		15	-7.2		396481.13	6908490	1200
1124844	42616	212310	63	N	1025		25.2	15.8	-7.6	35	98	3.16	0		15.8	-7.6		396475.75	6908481.04	1199
1124844	42616	212350	63	N	1012.5		25.2	25.1	-7.1	53	98	3.39	0		25.1	-7.1		396466.93	6908472.39	1198
1124844	42616	212422	63	N	1000		25.2	18.1	-8.7	67	98	3.6	0		18.1	-8.7		396459.24	6908462.32	1196
1124844	42616	212510	63	N	987.5		25.2	18.6	-10.9	80	97	3.83	0		18.6	-10.9		396452.5	6908451.34	1196
1124844	42616	212546	63	N	975		25.2	21.5	-17.5	51	98	3.34	0		21.5	-17.5		396447.54	6908440.73	1193
1124844	42616	212618	63	N	962.5		25.2	17.6	-10.1	85	98	3.94	0		17.6	-10.1		396442.4	6908430.53	1191
1124844	42616	212646	63	N	950		25.2	4.4	-11.9	77	98	3.79	0		4.4	-11.9		396433.37	6908420.07	1189
1124844	42616	212722	63	N	937.5		25.2	9.3	-11	77	98	3.78	0		9.3	-11		396426.4	6908409.35	1188
1124844	42616	212750	63	N	925		25.2	7.4	-11.4	72	98	3.68	0		7.4	-11.4		396418.74	6908399.19	1188
1124844	42616	212818	63	N	912.5		25.2	3.1	-8	35	98	3.16	0		3.1	-8		396408.83	6908389.18	1188
1124844	42616	212850	63	N	900		25.2	6.8	0.3	89	98	4.02	0		6.8	0.3		396402.91	6908376.88	1186
1124844	42616	212922	63	N	887.5		25.2	-3.3	6	65	98	3.57	0		-3.3	6		396397.06	6908367.05	1187
1124844	42616	212954	63	N	875		25.2	-26.8	6.8	56	98	3.42	0		-26.8	6.8		396389.66	6908357.59	1184
1124844	42616	213026	63	N	862.5		25.2	-31.7	13.4	60	98	3.49	0		-31.7	13.4		396382.52	6908346.39	1184
1124844	42616	213050	63	N	850		25.2	-37.3	18.4	44	98	3.26	0		-37.3	18.4		396376.02	6908338.02	1184
1124844	42616	213138	63	N	837.5		25.2	-53.8	20.2	30	98	3.11	0		-53.8	20.2		396367.3	6908323.05	1184
1124844	42616	213234	63	N	825		25.2	-43.9	20.3	25	98	3.07	0		-43.9	20.3		396363.22	6908315.1	1184
1124844	42616	213314	63	N	812.5		25.2	-50.2	19.6	20	98	3.03	0		-50.2	19.6		396355.94	6908304.36	1182
1124844	42616	213342	63	N	800		25.2	-43.7	19.8	38	98	3.19	0		-43.7	19.8		396349.07	6908296.37	1181
1124844	42616	213410	63	N	787.5		25.2	-41.2	20.7	40	97	3.19	0		-41.2	20.7		396342.12	6908287.01	1179
1124844	42616	213446	63	N	775		25.2	-33.7	23.8	34	97	3.13	0		-33.7	23.8		396335.73	6908275.34	1180
1124844	42616	213518	63	N	762.5		25.2	-27.2	24.1	35	97	3.15	0		-27.2	24.1		396327.19	6908266.05	1181
1124844	42616	213550	63	N	750		25.2	-24.6	20.6	38	98	3.19	0		-24.6	20.6		396319.22	6908254.88	1180
1124844	42616	213618	63	N	737.5		25.2	-26.6	20.9	41	97	3.22	0		-26.6	20.9		396309.8	6908246.24	1181
1124844	42616	213650	63	N	725		25.2	-34.5	20.6	27	98	3.08	0		-34.5	20.6		396302.89	6908236.13	1180
1124844	42616	213722	63	N	712.5		25.2	-29.9	17.7	35	98	3.15	0		-29.9	17.7		396296.08	6908224.64	1180
1124844	42616	213758	63	N	700		25.2	-44.6	8.2	30	98	3.1	0		-44.6	8.2		396285.24	6908213.79	1180
1124844	42616	213830	63	N	687.5		25.2	-45.9	4.4	-4	97	2.96	0		-45.9	4.4		396279.83	6908204.7	1180
1124844	42616	213906	63	N	675		25.2	-45.5	3.9	10	97	2.98	0		-45.5	3.9		396275.58	6908192.27	1180
1124844	42616	213946	63	N	662.5		25.2	-34.1	5.5	22	93	2.91	0		-34.1	5.5		396267.84	6908182.74	1179
1124844	42616	214022	63	N	650		25.2	-31.9	4.2	47	93	3.15	0		-31.9	4.2		396262.25	6908172.94	1178
1124844	42616	214054	63	N	637.5		25.2	-28.1	1.5	37	95	3.11	0		-28.1	1.5		396253.85	6908162.15	1179
1124844	42616	214138	63	N	625		25.2	-19	2.6	36	89	2.93	0		-19	2.6		396245.52	6908152.79	1176
1124844	42616	214234	63	N	612.5		25.2	-15.6	-0.8	30	96	3.05	0		-15.6	-0.8		396234.6	6908145.86	1177
1124844	42616	214414	63	N	600		25.2	-10.9	-2.4	19	96	2.97	0		-10.9	-2.4		396228.9	6908129.77	1176
1124844	42616	214458	63	N	587.5		25.2	-4.9	0.4	32	97	3.11	0		-4.9	0.4		396221.06	6908120.02	1174
1124844	42616	214538	63	N	575		25.2	0	1.2	29	97	3.07	0		0	1.2		396213.05	6908106.42	1173
1124844	42616	214610	63	N	562.5		25.2	7.7	1.5	22	98	3.04	0		7.7	1.5		396204.58	6908096.96	1170
1124844	42616	214642	63	N	550		25.2	14.5	-0.4	23	98	3.05	0		14.5	-0.4		396196.87	6908086.82	1170
1124844	42616	214746	63	N	537.5		25.2	21.7	2.5	-12	98	2.99	0		21.7	2.5		396189.24	6908077.46	1168

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	214814	63	N	525		25.2	26.9	5.6	-7	98	2.98	0		26.9	5.6		396186.37	6908065.51	1168
1124844	42616	214850	63	N	512.5		25.2	29.4	9.5	32	98	3.12	0		29.4	9.5		396183.82	6908051.55	1168
1124844	42616	214922	63	N	500		25.2	29.7	14.3	34	98	3.14	0		29.7	14.3		396176.06	6908043.37	1167
1124844	42616	215018	63	N	487.5		25.2	13.8	14.1	66	98	3.58	0		13.8	14.1		396167.91	6908035.64	1165
1124844	42616	215202	63	N	475		25.2	-21.5	10.6	82	98	3.89	0		-21.5	10.6		396162.93	6908024.54	1165
1124844	42616	215246	63	N	462.5		25.2	-48.2	13.3	50	98	3.34	0		-48.2	13.3		396152.76	6908013.8	1163
1124844	42616	215406	63	N	450		25.2	-73.8	6.2	48	98	3.31	0		-73.8	6.2		396147.35	6908005.42	1163
1124844	42616	215502	63	N	437.5		25.2	-66.3	4.6	50	98	3.33	0		-66.3	4.6		396141.66	6907993.84	1162
1124844	42616	215550	63	N	425		25.2	-58.3	8.9	62	94	3.42	0		-58.3	8.9		396131.65	6907987.21	1157
1124844	42616	215622	63	N	412.5		25.2	-61.4	9.1	29	98	3.1	0		-61.4	9.1		396125.46	6907979.27	1156
1124844	42616	215654	63	N	400		25.2	-56.6	14	28	91	2.89	0		-56.6	14		396116.45	6907969.75	1155
1124844	42616	215726	63	N	387.5		25.2	-49.3	11.4	-16	96	2.96	0		-49.3	11.4		396114.99	6907955.67	1154
1124844	42616	215802	63	N	375		25.2	-46.3	14.5	-1	95	2.88	0		-46.3	14.5		396111.8	6907943.59	1149
1124844	42616	215838	63	N	362.5		25.2	-39.9	17.6	29	93	2.97	0		-39.9	17.6		396103.5	6907933.39	1147
1124844	42616	215902	63	N	350		25.2	-35.4	17.8	23	95	2.96	0		-35.4	17.8		396096.42	6907923.9	1142
1124844	42616	215942	63	N	337.5		25.2	-33.2	18.2	15	93	2.87	0		-33.2	18.2		396088.27	6907916.04	1141
1124844	42616	220026	63	N	325		25.2	-27.3	18.5	35	93	3.03	0		-27.3	18.5		396080.25	6907903.66	1138
1124844	42616	220054	63	N	312.5		25.2	-25.5	16	23	94	2.95	0		-25.5	16		396072.57	6907898.41	1136
1124844	42616	220126	63	N	300		25.2	-30.9	11.2	36	93	3.03	0		-30.9	11.2		396062.09	6907891.04	1132
1124844	42616	220210	63	N	287.5		25.2	-33.4	8.4	43	87	2.94	0		-33.4	8.4		396055.92	6907879.64	1130
1124844	42616	220238	63	N	275		25.2	-30.4	7.4	14	94	2.89	0		-30.4	7.4		396048.45	6907870.78	1128
1124844	42616	220322	63	N	262.5		25.2	-29	6.3	16	96	2.94	0		-29	6.3		396046.29	6907855.1	1123
1124844	42616	220402	63	N	250		25.2	-27.5	3.5	18	91	2.83	0		-27.5	3.5		396033.08	6907847.37	1121
1124844	42616	220418	63	N	250		25.2	-26.7	1.7	18	92	2.86	1					396032.45	6907848.45	1121
1124844	42616	220450	63	N	237.5		25.2	-22.2	5.5	47	84	2.92	0		-22.2	5.5		396026.19	6907841.7	1121
1124844	42616	220522	63	N	225		25.2	-16.9	5.8	13	90	2.77	0		-16.9	5.8		396021.41	6907831.66	1117
1124844	42616	220550	63	N	212.5		25.2	-11.3	6.4	19	91	2.84	0		-11.3	6.4		396019.2	6907819.61	1115
1124844	42616	220618	63	N	200		25.2	-10	8.3	33	87	2.84	0		-10	8.3		396012.91	6907809.71	1113
1124844	42616	220650	63	N	187.5		25.2	-10.2	4.8	16	93	2.86	0		-10.2	4.8		396004.17	6907801.6	1111
1124844	42616	220718	63	N	175		25.2	-11	1.8	28	95	3.01	0		-11	1.8		396001.14	6907790.47	1110
1124844	42616	220754	63	N	162.5		25.2	-13.6	1.1	26	88	2.8	0		-13.6	1.1		395990.75	6907785.33	1108
1124844	42616	220810	63	N	162.5		25.2	-15.9	0.2	20	93	2.88	1					395990.55	6907785.22	1106
1124844	42616	220846	63	N	150		25.2	-14.2	-1	14	96	2.96	0		-14.2	-1		395982.82	6907772.76	1104
1124844	42616	220934	63	N	137.5		25.2	-15.5	-2	18	95	2.94	0		-15.5	-2		395975.03	6907762.35	1100
1124844	42616	221006	63	N	125		25.2	-16.2	-3.4	36	94	3.07	0		-16.2	-3.4		395965.49	6907750.96	1097
1124844	42616	221034	63	N	112.5		25.2	-16.2	-2.2	40	90	3	0		-16.2	-2.2		395960.11	6907743.32	1094
1124844	42616	221102	63	N	100		25.2	-13.9	-3.3	18	94	2.92	0		-13.9	-3.3		395953.6	6907734.54	1094
1124844	42616	221134	63	N	87.5		25.2	-10.1	-3.1	42	95	3.16	0		-10.1	-3.1		395945.62	6907724.82	1092
1124844	42616	221206	63	N	75		25.2	-7.4	-1.5	51	91	3.17	0		-7.4	-1.5		395938.19	6907714.65	1089
1124844	42616	221250	63	N	62.5		25.2	-4.3	-1.8	38	95	3.12	0		-4.3	-1.8		395928.15	6907707.91	1085
1124844	42616	221326	63	N	50		25.2	-5.7	-2.6	11	96	2.93	0		-5.7	-2.6		395923.19	6907694.52	1085
1124844	42616	221346	63	N	50		25.2	-8.6	-2	11	96	2.93	1					395921.81	6907694.16	1084
1124844	42616	221430	63	N	37.5		25.2	-5.4	-4	-6	97	2.96	0		-5.4	-4		395915.13	6907681.73	1081
1124844	42616	221506	63	N	25		25.2	-7.6	-2.9	47	95	3.23	0		-7.6	-2.9		395916.04	6907671.76	1079
1124844	42616	221550	63	N	12.5		25.2	-13.3	-3.2	5	97	2.96	0		-13.3	-3.2		395908.47	6907665.77	1075
1124844	42616	221642	63	N	0		25.2	-10	-4.1	53	95	3.29	0		-10	-4.1		395900.03	6907652.81	1073
1124844	42616	230934	65	N	0		25.2	-24.2	12.4	47	97	3.29	0		-24.2	12.4		396580.8	6908468.63	1198
1124844	42616	230954	65	N	0		25.2	-22	12.2	53	98	3.37	1					396580.87	6908468.64	1198
1124844	42616	231046	65	N	12.5		25.2	-22.2	9.9	58	96	3.41	0		-22.2	9.9		396587.22	6908479.12	1198
1124844	42616	231122	65	N	25		25.2	-20	9.6	54	97	3.37	0		-20	9.6		396594.18	6908488.99	1199
1124844	42616	231206	65	N	37.5		25.2	-13.3	9.3	63	97	3.53	0		-13.3	9.3		396601.39	6908499.93	1200
1124844	42616	231234	65	N	50		25.2	-9.6	9	59	96	3.42	0		-9.6	9		396607.34	6908512.03	1199
1124844	42616	231310	65	N	62.5		25.2	-13.7	8.6	73	96	3.68	0		-13.7	8.6		396619.01	6908519.73	1201
1124844	42616	231338	65	N	75		25.2	-12.2	5.6	48	97	3.3	0		-12.2	5.6		396627.71	6908531.58	1202
1124844	42616	231406	65	N	87.5		25.2	-7.4	5.7	61	96	3.45	0		-7.4	5.7		396635.8	6908541.63	1203
1124844	42616	231430	65	N	100		25.2	-11.1	6.4	56	96	3.38	0		-11.1	6.4		396641.15	6908549.99	1204
1124844	42616	231458	65	N	112.5		25.2	-7.7	5.2	56	97	3.4	0		-7.7	5.2		396645.96	6908560.71	1204
1124844	42616	231534	65	N	125		25.2	-7	2.4	52	98	3.36	0		-7	2.4		396653.52	6908571.46	1205
1124844	42616	231602	65	N	137.5		25.2	-9.1	0.5	37	98	3.18	0		-9.1	0.5		396660.45	6908581.71	1205
1124844	42616	231630	65	N	150		25.2	-5.4	1.4	73	84	3.39	0		-5.4	1.4		396668.92	6908590.81	1205
1124844	42616	231658	65	N	162.5		25.2	-1.9	-0.2	51	96	3.31	0		-1.9	-0.2		396675.89	6908601.61	1204
1124844	42616	231734	65	N	175		25.2	2.4	1.4	63	92	3.4	0		2.4	1.4		396682.46	6908613.3	1205

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	231758	65	N	187.5		25.2	4.7	1.5	71	97	3.64	0		4.7	1.5		396688.84	6908623.88	1205
1124844	42616	231826	65	N	200		25.2	7.8	-0.4	58	98	3.45	0		7.8	-0.4		396695.84	6908635.21	1205
1124844	42616	231854	65	N	212.5		25.2	3.4	-4.2	73	94	3.63	0		3.4	-4.2		396705.38	6908641.29	1204
1124844	42616	231926	65	N	225		25.2	8.3	-4	67	95	3.55	0		8.3	-4		396713.46	6908654.75	1203
1124844	42616	231950	65	N	237.5		25.2	7.3	-2.5	81	96	3.81	0		7.3	-2.5		396719.67	6908662.46	1202
1124844	42616	232018	65	N	250		25.2	2.8	-7.9	76	96	3.74	0		2.8	-7.9		396726.91	6908673.05	1202
1124844	42616	232046	65	N	262.5		25.2	4	-11.5	63	98	3.53	0		4	-11.5		396735.23	6908682.63	1201
1124844	42616	232114	65	N	275		25.2	12.4	-8.7	57	97	3.44	0		12.4	-8.7		396743.99	6908693.1	1201
1124844	42616	232142	65	N	287.5		25.2	20	-8.1	50	98	3.35	0		20	-8.1		396750.18	6908703.55	1201
1124844	42616	232210	65	N	300		25.2	13.4	-12.1	38	98	3.19	0		13.4	-12.1		396754.09	6908714.67	1200
1124844	42616	232238	65	N	312.5		25.2	10.8	-12.4	37	98	3.18	0		10.8	-12.4		396761.7	6908726.12	1199
1124844	42616	232306	65	N	325		25.2	15.4	-10.1	46	98	3.29	0		15.4	-10.1		396771.73	6908735.36	1198
1124844	42616	232334	65	N	337.5		25.2	17.1	-5.6	24	98	3.07	0		17.1	-5.6		396778.74	6908744.97	1197
1124844	42616	232406	65	N	350		25.2	13.7	-2.2	10	98	2.99	0		13.7	-2.2		396783.83	6908757.95	1197
1124844	42616	232434	65	N	362.5		25.2	11	0.1	45	98	3.28	0		11	0.1		396791.32	6908768.36	1196
1124844	42616	232506	65	N	375		25.2	-27.1	-0.4	25	98	3.07	0		-27.1	-0.4		396802.37	6908779.27	1195
1124844	42616	232534	65	N	387.5		25.2	-43.2	-6.3	51	98	3.36	0		-43.2	-6.3		396809.64	6908786.9	1194
1124844	42616	232610	65	N	400		25.2	-42.2	2.9	30	97	3.08	0		-42.2	2.9		396816.71	6908796.15	1194
1124844	42616	232638	65	N	412.5		25.2	-33	6.2	27	95	3	0		-33	6.2		396823.29	6908806.92	1193
1124844	42616	232706	65	N	425		25.2	-25.9	5	25	98	3.07	0		-25.9	5		396831.03	6908816.59	1192
1124844	42616	232734	65	N	437.5		25.2	-23.6	3.6	26	96	3.03	0		-23.6	3.6		396839.05	6908826.28	1192
1124844	42616	232806	65	N	450		25.2	-15.2	1.6	31	98	3.12	0		-15.2	1.6		396846.03	6908837.97	1191
1124844	42616	232834	65	N	462.5		25.2	-14.5	4.3	45	97	3.25	0		-14.5	4.3		396853.53	6908848.25	1191
1124844	42616	232858	65	N	475		25.2	-6.3	5.2	26	95	3.01	0		-6.3	5.2		396860.29	6908858.52	1191
1124844	42616	232930	65	N	487.5		25.2	0.8	7.4	18	97	3.01	0		0.8	7.4		396866.77	6908870.73	1190
1124844	42616	232958	65	N	500		25.2	-5.6	10.6	37	98	3.18	0		-5.6	10.6		396873.86	6908884.24	1188
1124844	42616	233022	65	N	512.5		25.2	-22.8	0.7	15	98	3.01	0		-22.8	0.7		396879.83	6908893.89	1187
1124844	42616	233050	65	N	525		25.2	-28.8	1.7	37	98	3.17	0		-28.8	1.7		396891.41	6908901.6	1187
1124844	42616	233118	65	N	537.5		25.2	-35.7	0.1	30	97	3.09	0		-35.7	0.1		396899.61	6908912.48	1186
1124844	42616	233138	65	N	537.5		25.2	-39.3	0.5	32	98	3.12	1					396899.51	6908912.41	1186
1124844	42616	233946	67	N	537.5		25.2	6.8	-2.3	36	94	3.06	0		6.8	-2.3		397020.72	6908820	1206
1124844	42616	234006	67	N	537.5		25.2	5.7	-1.8	36	96	3.12	1					397020.96	6908819.69	1206
1124844	42616	234034	67	N	525		25.2	7.7	-1.5	28	95	3	0		7.7	-1.5		397014.75	6908808.71	1207
1124844	42616	234202	67	N	512.5		25.2	14.9	2.8	34	95	3.08	0		14.9	2.8		397005.85	6908799.99	1209
1124844	42616	234234	67	N	500		25.2	15	1.4	46	93	3.15	0		15	1.4		396997.64	6908790.04	1209
1124844	42616	234302	67	N	487.5		25.2	17.4	0.4	47	95	3.21	0		17.4	0.4		396990.26	6908778.36	1208
1124844	42616	234330	67	N	475		25.2	9.1	-1	40	95	3.14	0		9.1	-1		396983.53	6908771.05	1209
1124844	42616	234402	67	N	462.5		25.2	2.9	-4.3	47	97	3.28	0		2.9	-4.3		396974.56	6908758.78	1208
1124844	42616	234434	67	N	450		25.2	4.8	-3.3	47	94	3.21	0		4.8	-3.3		396965.04	6908747.11	1208
1124844	42616	234458	67	N	437.5		25.2	7.7	-0.8	59	89	3.26	0		7.7	-0.8		396958.92	6908739.77	1209
1124844	42616	234526	67	N	425		25.2	10.4	0.9	68	91	3.46	0		10.4	0.9		396951.8	6908730.93	1209
1124844	42616	234558	67	N	412.5		25.2	16.6	-0.7	56	93	3.31	0		16.6	-0.7		396941.97	6908722.28	1208
1124844	42616	234634	67	N	400		25.2	17.2	-2.4	56	97	3.42	0		17.2	-2.4		396936.59	6908711.98	1209
1124844	42616	234710	67	N	387.5		25.2	15.3	-4.4	35	97	3.13	0		15.3	-4.4		396930.35	6908700.83	1209
1124844	42616	234746	67	N	375		25.2	26.9	-3.7	41	96	3.18	0		26.9	-3.7		396921.07	6908691.02	1209
1124844	42616	234822	67	N	362.5		25.2	31.1	2.1	53	97	3.37	0		31.1	2.1		396913.93	6908677.93	1210
1124844	42616	234850	67	N	350		25.2	24.5	-3.4	46	98	3.28	0		24.5	-3.4		396906.52	6908666.41	1209
1124844	42616	234930	67	N	337.5		25.2	16.1	0.1	73	98	3.71	0		16.1	0.1		396897.32	6908656.99	1208
1124844	42616	235006	67	N	325		25.2	13.9	-0.4	46	98	3.29	0		13.9	-0.4		396891.72	6908648	1208
1124844	42616	235042	67	N	312.5		25.2	0.4	0.4	29	98	3.1	0		0.4	0.4		396885.06	6908637.15	1209
1124844	42616	235110	67	N	300		25.2	-19	7.5	14	98	3	0		-19	7.5		396879.72	6908627.08	1211
1124844	42616	235154	67	N	287.5		25.2	-23.3	8.1	11	98	2.99	0		-23.3	8.1		396873.72	6908616.18	1209
1124844	42616	235626	67	N	275		25.2	-12.6	14.7	30	97	3.08	0		-12.6	14.7		396864.25	6908604.44	1209
1124844	42616	235658	67	N	262.5		25.2	-15.4	14	46	94	3.18	0		-15.4	14		396856.71	6908594.22	1209
1124844	42616	235730	67	N	250		25.2	-26.6	8.6	76	92	3.62	0		-26.6	8.6		396849.87	6908582.67	1208
1124844	42616	235758	67	N	237.5		25.2	-22.8	11	42	84	2.85	0		-22.8	11		396842.94	6908572.28	1208
1124844	42616	235822	67	N	225		25.2	-22.5	9.8	56	74	2.82	0		-22.5	9.8		396836.26	6908563.77	1207
1124844	42616	235850	67	N	212.5		25.2	-23.9	7.3	39	77	2.63	0		-23.9	7.3		396828.8	6908554.33	1207
1124844	42616	235906	67	N	212.5		25.2	-22.1	8.1	50	74	2.72	1					396828.73	6908554.17	1207
1124844	42616	235934	67	N	200		25.2	-7.6	9.3	35	63	2.2	0		-7.6	9.3		396821.66	6908543.85	1207
1124844	42616	6	67	N	187.5		25.2	2	13.6	36	66	2.3	0		2	13.6		396813.52	6908532.19	1207
1124844	42616	34	67	N	175		25.2	-0.5	10.1	48	72	2.62	0		-0.5	10.1		396806.59	6908523.37	1206

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42616	106	67	N	162.5		25.2	10.7	14.2	39	73	2.52	0		10.7	14.2		396798.11	6908510.91	1206
1124844	42616	138	67	N	150		25.2	21.9	17.2	50	69	2.59	0		21.9	17.2		396791.51	6908501.25	1206
1124844	42616	210	67	N	137.5		25.2	43.9	17.9	30	62	2.1	0		43.9	17.9		396784.11	6908490.84	1205
1124844	42616	242	67	N	125		25.2	55.1	23.4	42	61	2.26	0		55.1	23.4		396776.48	6908480.14	1205
1124844	42616	322	67	N	112.5		25.2	48.8	14.1	40	73	2.55	0		48.8	14.1		396765.91	6908468.78	1205
1124844	42616	406	67	N	100		25.2	48.8	15.2	30	69	2.3	0		48.8	15.2		396760.66	6908459.61	1203
1124844	42616	442	67	N	87.5		25.2	41.6	12.9	32	81	2.65	0		41.6	12.9		396752.53	6908450.33	1203
1124844	42616	514	67	N	75		25.2	31.5	12.4	68	80	3.2	0		31.5	12.4		396745.3	6908438.29	1202
1124844	42616	546	67	N	62.5		25.2	23.8	8.5	65	75	3.01	0		23.8	8.5		396737.7	6908429.06	1202
1124844	42616	614	67	N	50		25.2	6.5	1.8	61	97	3.48	0		6.5	1.8		396731.07	6908421.29	1203
1124844	42616	646	67	N	37.5		25.2	47	12	47	62	2.38	0		47	12		396725.92	6908408.18	1203
1124844	42616	722	67	N	25		25.2	15.2	5.4	46	90	3.07	0		15.2	5.4		396719.33	6908397.88	1202
1124844	42616	754	67	N	12.5		25.2	17.9	7.7	71	68	3	0		17.9	7.7		396711.48	6908387.89	1203
1124844	42616	822	67	N	0		25.2	33.8	9.1	14	76	2.36	0		33.8	9.1		396703.35	6908376.71	1202
8042728	42615	185634	52	N	850		25.2	15	-4.5	49	79	5.69	0		15	-4.5		395809.91	6908778.13	1263
8042728	42615	185650	52	N	850		25.2	14.5	-4	52	82	5.92	1					395809.87	6908778.51	1263
8042728	42615	185706	52	N	850		25.2	14.3	-4	52	77	5.66	1					395809.87	6908778.59	1263
8042728	42615	185806	52	N	837.5		25.2	7.7	-5	51	72	5.35	0		7.7	-5		395801.47	6908769	1263
8042728	42615	185922	52	N	825		25.2	9.8	-4.4	37	76	5.17	0		9.8	-4.4		395793.95	6908759.58	1266
8042728	42615	185954	52	N	812.5		25.2	4.1	-1.9	47	74	5.35	0		4.1	-1.9		395785.99	6908750.09	1270
8042728	42615	190026	52	N	800		25.2	3.3	-1.4	35	75	5.03	0		3.3	-1.4		395779.26	6908739.85	1272
8042728	42615	190058	52	N	787.5		25.2	2.7	-1.2	40	72	5.01	0		2.7	-1.2		395773.24	6908729.59	1275
8042728	42615	190130	52	N	775		25.2	0.8	0.2	53	70	5.37	0		0.8	0.2		395764.99	6908718.09	1278
8042728	42615	190158	52	N	762.5		25.2	4	0	34	73	4.9	0		4	0		395758.86	6908708.54	1280
8042728	42615	190222	52	N	750		25.2	3.6	-0.4	45	71	5.13	0		3.6	-0.4		395752.21	6908698.23	1280
8042728	42615	190250	52	N	737.5		25.2	1	-0.5	48	74	5.38	0		1	-0.5		395745.77	6908687.68	1281
8042728	42615	190318	52	N	725		25.2	-1.9	-1.7	22	78	4.96	0		-1.9	-1.7		395739.47	6908675.91	1281
8042728	42615	190346	52	N	712.5		25.2	0	-2.2	43	73	5.15	0		0	-2.2		395731.42	6908665.26	1279
8042728	42615	190414	52	N	700		25.2	-1.4	-2.5	42	73	5.16	0		-1.4	-2.5		395723.37	6908652.13	1277
8042728	42615	190434	52	N	687.5		25.2	-1.9	-2.9	41	71	4.99	0		-1.9	-2.9		395718.9	6908644.01	1276
8042728	42615	190458	52	N	675		25.2	-0.8	-1.5	39	71	4.96	0		-0.8	-1.5		395713.59	6908635.68	1274
8042728	42615	190530	52	N	662.5		25.2	-1.5	-0.3	41	74	5.18	0		-1.5	-0.3		395706.51	6908625.07	1272
8042728	42615	190554	52	N	650		25.2	-5.1	-1.6	50	77	5.58	0		-5.1	-1.6		395699.09	6908616.23	1268
8042728	42615	190618	52	N	637.5		25.2	-10	-1.3	52	78	5.73	0		-10	-1.3		395692.06	6908606.77	1266
8042728	42615	190646	52	N	625		25.2	-14	-2.9	35	83	5.46	0		-14	-2.9		395682.16	6908595.39	1263
8042728	42615	190714	52	N	612.5		25.2	-35.1	-7.8	40	77	5.3	0		-35.1	-7.8		395674.7	6908582.82	1263
8042728	42615	190746	52	N	600		25.2	-39.7	-6.9	23	69	4.45	0		-39.7	-6.9		395668.75	6908572.01	1263
8042728	42615	190810	52	N	587.5		25.2	-34.6	-7.7	34	67	4.59	0		-34.6	-7.7		395664.1	6908563.2	1264
8042728	42615	190838	52	N	575		25.2	-30.5	-4.3	24	65	4.22	0		-30.5	-4.3		395659.25	6908551.47	1263
8042728	42615	190906	52	N	562.5		25.2	-30.8	-5.2	27	64	4.21	0		-30.8	-5.2		395654.8	6908539.22	1260
8042728	42615	190934	52	N	550		25.2	-25.2	-6.3	33	64	4.43	0		-25.2	-6.3		395648.26	6908529.82	1257
8042728	42615	191002	52	N	537.5		25.2	-20.7	-3	32	63	4.28	0		-20.7	-3		395641.22	6908521.35	1257
8042728	42615	191030	52	N	525		25.2	-15.2	-2.1	29	62	4.16	0		-15.2	-2.1		395633.3	6908512.12	1252
8042728	42615	191050	52	N	525		25.2	-15.2	-3.2	37	60	4.27	1					395633.52	6908513.57	1254
8042728	42615	191106	52	N	525		25.2	-15.5	-2	27	60	4.01	1					395633.75	6908512.65	1252
8042728	42615	191134	52	N	512.5		25.2	-11.1	-2	29	62	4.16	0		-11.1	-2		395626.31	6908503.73	1254
8042728	42615	191206	52	N	500		25.2	-7.8	-0.4	34	60	4.25	0		-7.8	-0.4		395623.33	6908491.85	1246
8042728	42615	191242	52	N	487.5		25.2	-3	2.6	27	66	4.32	0		-3	2.6		395613.34	6908484.8	1243
8042728	42615	191318	52	N	475		25.2	-4.2	-0.3	44	62	4.62	0		-4.2	-0.3		395603.44	6908475.97	1244
8042728	42615	191350	52	N	462.5		25.2	-3.9	0.2	24	72	4.62	0		-3.9	0.2		395599.57	6908465.5	1238
8042728	42615	191426	52	N	450		25.2	-6	0.5	23	72	4.6	0		-6	0.5		395594.99	6908455.66	1235
8042728	42615	191458	52	N	437.5		25.2	-5.7	2.5	24	72	4.64	0		-5.7	2.5		395588.09	6908443.67	1236
8042728	42615	191514	52	N	437.5		25.2	-5.3	2.2	23	73	4.66	1					395588.45	6908444.63	1236
8042728	42615	191546	52	N	425		25.2	-8.7	4.3	26	75	4.86	0		-8.7	4.3		395581.43	6908432.64	1233
8042728	42615	191638	52	N	412.5		25.2	-23.4	-1.4	66	60	5.47	0		-23.4	-1.4		395573.54	6908422.57	1232
8042728	42615	191706	52	N	400		25.2	-33.3	-4.1	56	58	4.91	0		-33.3	-4.1		395568.09	6908414.55	1234
8042728	42615	191754	52	N	387.5		25.2	-36	-3.8	47	63	4.78	0		-36	-3.8		395559.99	6908407.62	1233
8042728	42615	191834	52	N	375		25.2	-39.5	-4.6	46	59	4.59	0		-39.5	-4.6		395549.66	6908397.66	1228
8042728	42615	191902	52	N	362.5		25.2	-40.1	-3.8	44	56	4.36	0		-40.1	-3.8		395540.13	6908389.57	1224
8042728	42615	191930	52	N	362.5		25.2	-39.7	-3.2	33	60	4.2	1					395543.6	6908389.26	1227
8042728	42615	192002	52	N	350		25.2	-37.4	0.1	22	60	3.88	0		-37.4	0.1		395538.6	6908379.98	1228
8042728	42615	192034	52	N	337.5		25.2	-30.8	0.6	32	60	4.15	0		-30.8	0.6		395532.29	6908366.33	1219

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	192058	52	N	325		25.2	-29.5	1.2	27	59	3.95	0		-29.5	1.2		395522.54	6908356.51	1222
8042728	42615	192130	52	N	312.5		25.2	-27.3	2.1	14	65	4.03	0		-27.3	2.1		395518.45	6908345.62	1221
8042728	42615	192158	52	N	300		25.2	-25.8	2.2	11	65	4.01	0		-25.8	2.2		395513.76	6908335.26	1217
8042728	42615	192226	52	N	287.5		25.2	-25.2	1.9	18	66	4.18	0		-25.2	1.9		395510.03	6908323.33	1214
8042728	42615	192254	52	N	275		25.2	17.4	3.4	2	-40	2.47	0		17.4	3.4		395503.27	6908312.81	1213
8042728	42615	192342	52	N	262.5		25.2	-19.8	2.5	56	118	3.96	0		-19.8	2.5		395496	6908302.38	1212
8042728	42615	192410	52	N	250		25.2	-16.9	2.3	96	112	4.48	0		-16.9	2.3		395489.12	6908293.09	1211
8042728	42615	192434	52	N	237.5		25.2	-14.1	3.8	112	99	4.54	0		-14.1	3.8		395478.6	6908287.73	1210
8042728	42615	192514	52	N	225		25.2	-18.4	-0.7	121	109	4.95	0		-18.4	-0.7		395469.24	6908275.5	1207
8042728	42615	192554	52	N	212.5		25.2	-21.7	-2.3	70	126	4.39	0		-21.7	-2.3		395464.1	6908267.39	1206
8042728	42615	192630	52	N	200		25.2	-21.8	0	36	59	4.2	0		-21.8	0		395458.22	6908259.18	1202
8042728	42615	192706	52	N	187.5		25.2	-19.4	3.4	19	64	4.04	0		-19.4	3.4		395450.57	6908247.68	1205
8042728	42615	192742	52	N	175		25.2	-15.9	3.2	25	61	4.04	0		-15.9	3.2		395443.5	6908235.41	1197
8042728	42615	192814	52	N	162.5		25.2	-16.5	1.9	39	64	4.55	0		-16.5	1.9		395438.17	6908226.4	1197
8042728	42615	192838	52	N	150		25.2	-15.7	1.5	41	59	4.39	0		-15.7	1.5		395437.85	6908227.13	1194
8042728	42615	192918	52	N	150		25.2	-19.2	0	38	60	4.37	1					395431.03	6908218.38	1195
8042728	42615	192958	52	N	137.5		25.2	-20.8	-0.3	32	63	4.31	0		-20.8	-0.3		395425.28	6908207.01	1193
8042728	42615	193038	52	N	125		25.2	-22.5	-1.1	35	63	4.37	0		-22.5	-1.1		395416.37	6908194.36	1190
8042728	42615	193142	52	N	112.5		25.2	-24.3	-2.4	16	66	4.14	0		-24.3	-2.4		395410.99	6908184.47	1190
8042728	42615	193214	52	N	100		25.2	-23.7	-2	13	63	3.92	0		-23.7	-2		395408.72	6908172.99	1188
8042728	42615	193250	52	N	87.5		25.2	-23.8	-0.9	20	62	3.99	0		-23.8	-0.9		395402.34	6908164.5	1186
8042728	42615	193322	52	N	75		25.2	-22.4	-1.7	36	60	4.25	0		-22.4	-1.7		395396.8	6908155.84	1188
8042728	42615	193358	52	N	62.5		25.2	-23.5	-4.6	36	59	4.23	0		-23.5	-4.6		395387.63	6908146.28	1183
8042728	42615	193434	52	N	50		25.2	-23.6	-4.8	18	62	3.92	0		-23.6	-4.8		395381.26	6908138.34	1181
8042728	42615	193510	52	N	37.5		25.2	-26.2	-6.5	31	60	4.1	0		-26.2	-6.5		395372.56	6908126.72	1178
8042728	42615	193546	52	N	25		25.2	-26.6	-7.8	31	62	4.2	0		-26.6	-7.8		395366.01	6908116.77	1174
8042728	42615	193630	52	N	12.5		25.2	-24.8	-7.9	37	55	4.04	0		-24.8	-7.9		395361.91	6908106.41	1172
8042728	42615	193734	52	N	0		25.2	-21.3	-7	27	57	3.87	0		-21.3	-7		395355.8	6908099.93	1170
8042728	42615	193818	52	N	-12.5		25.2	-18.6	-4.9	8	60	3.71	0		-18.6	-4.9		395352.33	6908086.99	1162
8042728	42615	193906	52	N	-25		25.2	-19.5	-6.1	32	57	3.98	0		-19.5	-6.1		395343.12	6908075.83	1156
8042728	42615	193946	52	N	-37.5		25.2	-16.5	-4.7	34	58	4.1	0		-16.5	-4.7		395336.34	6908069.29	1158
8042728	42615	194022	52	N	-50		25.2	-18	-5	34	57	4.06	0		-18	-5		395330.13	6908057.77	1154
8042728	42615	194102	52	N	-62.5		25.2	-18.2	-6	21	61	3.94	0		-18.2	-6		395321.66	6908051.49	1150
8042728	42615	194130	52	N	-75		25.2	-17.1	-6	27	60	4.04	0		-17.1	-6		395317.02	6908041.74	1145
8042728	42615	194146	52	N	-75		25.2	-16.1	-5.7	21	61	3.97	1					395316.2	6908039.59	1142
8042728	42615	194202	52	N	-75		25.2	-16.4	-6.2	23	61	3.95	1					395316.32	6908036.17	1150
8042728	42615	195350	54	N	-12.5		25.2	32.1	7.6	36	53	3.94	0		32.1	7.6		395450.36	6907967.59	1154
8042728	42615	195406	54	N	-12.5		25.2	32.3	7.8	35	52	3.84	1					395450.28	6907967.22	1154
8042728	42615	195438	54	N	0		25.2	-32.1	-7.3	38	51	3.9	0		-32.1	-7.3		395450.22	6907967.54	1154
8042728	42615	195522	54	N	12.5		25.2	-33.7	-9.7	29	55	3.79	0		-33.7	-9.7		395458.45	6907979.44	1151
8042728	42615	195614	54	N	25		25.2	-31.3	-12.5	19	62	3.93	0		-31.3	-12.5		395463.85	6907992.28	1156
8042728	42615	195646	54	N	37.5		25.2	-27.2	-11.9	12	59	3.68	0		-27.2	-11.9		395466.89	6908000.68	1159
8042728	42615	195726	54	N	50		25.2	-26.2	-1	25	59	3.95	0		-26.2	-1		395473.54	6908012.68	1159
8042728	42615	195802	54	N	62.5		25.2	-28.9	-2.7	25	55	3.72	0		-28.9	-2.7		395482.21	6908024.92	1163
8042728	42615	195850	54	N	75		25.2	-29.9	-2.3	30	60	4.1	0		-29.9	-2.3		395486.93	6908033.67	1163
8042728	42615	195926	54	N	87.5		25.2	-28.6	-3	22	60	3.89	0		-28.6	-3		395492.51	6908042.15	1163
8042728	42615	195958	54	N	100		25.2	-27.4	-1.4	17	63	3.98	0		-27.4	-1.4		395497.81	6908052.88	1166
8042728	42615	200106	54	N	112.5		25.2	-22.7	7.3	26	62	4.1	0		-22.7	7.3		395506.77	6908065.12	1171
8042728	42615	200146	54	N	125		25.2	-23.4	7.9	42	53	4.09	0		-23.4	7.9		395515.62	6908072.58	1170
8042728	42615	200222	54	N	137.5		25.2	-27.4	6.2	36	52	3.84	0		-27.4	6.2		395524.17	6908084.42	1169
8042728	42615	200254	54	N	150		25.2	-27.3	5.6	50	44	4.05	0		-27.3	5.6		395530.22	6908089.76	1173
8042728	42615	200330	54	N	162.5		25.2	-29.5	4	58	34	4.08	0		-29.5	4		395539.37	6908098.95	1171
8042728	42615	200410	54	N	175		25.2	-36.6	1.1	42	47	3.83	0		-36.6	1.1		395547.63	6908108.54	1175
8042728	42615	200450	54	N	187.5		25.2	-40.4	-0.3	73	106	3.92	0		-40.4	-0.3		395554.01	6908121.71	1170
8042728	42615	200542	54	N	200		25.2	-39.1	1.8	93	112	4.43	0		-39.1	1.8		395559.22	6908131.38	1173
8042728	42615	200626	54	N	212.5		25.2	-40.1	1.4	48	118	3.87	0		-40.1	1.4		395567.41	6908140.98	1175
8042728	42615	200702	54	N	225		25.2	-36.7	4.2	74	111	4.06	0		-36.7	4.2		395569.91	6908151.71	1177
8042728	42615	200742	54	N	237.5		25.2	-38	3.7	102	98	4.31	0		-38	3.7		395580.89	6908157.4	1181
8042728	42615	200818	54	N	250		25.2	-36.6	3.1	104	102	4.42	0		-36.6	3.1		395586.54	6908167.49	1179
8042728	42615	200858	54	N	262.5		25.2	-41.7	0	77	120	4.34	0		-41.7	0		395595.47	6908178.67	1177
8042728	42615	200930	54	N	275		25.2	-43.2	-3.2	63	122	4.18	0		-43.2	-3.2		395605.38	6908187.03	1181
8042728	42615	201002	54	N	287.5		25.2	-27.3	6.4	39	65	4.62	0		-27.3	6.4		395611.18	6908197.03	1184

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	201050	54	N	300		25.2	-18.1	12.3	44	61	4.59	0		-18.1	12.3		395615.54	6908204.74	1185
8042728	42615	201130	54	N	312.5		25.2	-19	12.6	23	61	4.01	0		-19	12.6		395622.8	6908218.2	1186
8042728	42615	201202	54	N	325		25.2	-20.4	11.7	24	63	4.1	0		-20.4	11.7		395630.45	6908226.76	1189
8042728	42615	201254	54	N	337.5		25.2	-21.9	9.6	18	60	3.84	0		-21.9	9.6		395633.56	6908240.53	1189
8042728	42615	201346	54	N	350		25.2	-24.2	8.9	22	61	3.96	0		-24.2	8.9		395642.24	6908251.74	1193
8042728	42615	201422	54	N	362.5		25.2	-27.1	6.3	21	58	3.76	0		-27.1	6.3		395647.81	6908260.05	1193
8042728	42615	201502	54	N	375		25.2	-29.5	5.1	26	58	3.87	0		-29.5	5.1		395653.49	6908270.34	1195
8042728	42615	201538	54	N	387.5		25.2	-35.1	0	24	59	3.9	0		-35.1	0		395658.41	6908277.24	1196
8042728	42615	201642	54	N	400		25.2	-36.8	-3.3	38	60	4.34	0		-36.8	-3.3		395666.61	6908290.53	1199
8042728	42615	201718	54	N	412.5		25.2	-30.5	0.7	36	61	4.33	0		-30.5	0.7		395674.83	6908298.8	1201
8042728	42615	201754	54	N	425		25.2	-26.6	1.5	38	65	4.57	0		-26.6	1.5		395687.41	6908308.82	1204
8042728	42615	201838	54	N	437.5		25.2	-26.2	0.5	37	67	4.65	0		-26.2	0.5		395691.41	6908315.75	1204
8042728	42615	201918	54	N	450		25.2	-20.7	2.8	40	69	4.88	0		-20.7	2.8		395700.12	6908326.23	1205
8042728	42615	201954	54	N	462.5		25.2	-9	8.4	33	68	4.63	0		-9	8.4		395706.64	6908335.01	1206
8042728	42615	202038	54	N	475		25.2	-5.6	8.3	32	67	4.5	0		-5.6	8.3		395710.09	6908344.91	1208
8042728	42615	202122	54	N	487.5		25.2	-7.8	6.9	25	66	4.3	0		-7.8	6.9		395718.94	6908352.94	1212
8042728	42615	202610	54	N	500		25.2	-11.9	4.6	26	61	4.03	0		-11.9	4.6		395726.14	6908366.01	1213
8042728	42615	202642	54	N	512.5		25.2	-5.7	8.1	31	60	4.12	0		-5.7	8.1		395730.58	6908376.22	1215
8042728	42615	202722	54	N	525		25.2	-6.3	8.6	40	53	4.07	0		-6.3	8.6		395740.16	6908385.35	1217
8042728	42615	202850	54	N	537.5		25.2	-11.9	5.1	25	56	3.75	0		-11.9	5.1		395745.55	6908397.96	1221
8042728	42615	202934	54	N	550		25.2	-16.2	4.6	37	48	3.7	0		-16.2	4.6		395756.17	6908406.8	1226
8042728	42615	203018	54	N	562.5		25.2	-20.6	3.2	75	108	3.99	0		-20.6	3.2		395760.43	6908416.68	1225
8042728	42615	203058	54	N	575		25.2	-23.2	2.6	82	104	4.02	0		-23.2	2.6		395766.57	6908425.08	1226
8042728	42615	203134	54	N	587.5		25.2	-26.2	0.5	38	117	3.73	0		-26.2	0.5		395769.9	6908435.05	1231
8042728	42615	203218	54	N	600		25.2	-27.1	3.9	50	111	3.69	0		-27.1	3.9		395777.75	6908443.55	1231
8042728	42615	203306	54	N	612.5		25.2	-32.1	2.2	51	107	3.61	0		-32.1	2.2		395783.36	6908451.12	1231
8042728	42615	203346	54	N	625		25.2	-35.9	-16.3	12	77	2.37	0		-35.9	-16.3		395791.66	6908462.58	1238
8042728	42615	203434	54	N	637.5		25.2	-43	-5.6	45	121	3.91	0		-43	-5.6		395795.89	6908474.84	1235
8042728	42615	203518	54	N	650		25.2	-47.7	-5.3	60	116	3.99	0		-47.7	-5.3		395803.33	6908485.41	1237
8042728	42615	203554	54	N	662.5		25.2	-48.6	-4.2	50	119	3.92	0		-48.6	-4.2		395808.36	6908494.93	1238
8042728	42615	203630	54	N	675		25.2	-50.6	-4	57	121	4.07	0		-50.6	-4		395819.11	6908505.31	1238
8042728	42615	203714	54	N	687.5		25.2	-52.9	-3.1	89	119	4.51	0		-52.9	-3.1		395829.42	6908508.55	1240
8042728	42615	203802	54	N	700		25.2	-57.6	-5.6	87	123	4.59	0		-57.6	-5.6		395835.53	6908520.18	1238
8042728	42615	203846	54	N	712.5		25.2	-35.9	3.7	34	86	5.63	0		-35.9	3.7		395842.97	6908531.96	1239
8042728	42615	203926	54	N	725		25.2	-24.7	8.9	20	85	5.35	0		-24.7	8.9		395848.55	6908542.65	1239
8042728	42615	204010	54	N	737.5		25.2	-19.1	11.7	51	70	5.29	0		-19.1	11.7		395854.46	6908552.77	1242
8042728	42615	204046	54	N	750		25.2	-12.2	14.5	52	69	5.26	0		-12.2	14.5		395862.77	6908563.71	1241
8042728	42615	204118	54	N	762.5		25.2	-12.4	14.7	34	71	4.82	0		-12.4	14.7		395870.24	6908569.98	1240
8042728	42615	204210	54	N	775		25.2	-10.5	15.7	46	67	4.94	0		-10.5	15.7		395876.47	6908580.9	1240
8042728	42615	204246	54	N	787.5		25.2	-10.9	15.6	36	70	4.77	0		-10.9	15.6		395885.37	6908590.99	1243
8042728	42615	204330	54	N	800		25.2	-16.1	15.5	18	68	4.3	0		-16.1	15.5		395891.14	6908599.71	1243
8042728	42615	204418	54	N	812.5		25.2	-19.5	19.4	7	61	3.77	0		-19.5	19.4		395892.74	6908611.08	1246
8042728	42615	204522	54	N	825		25.2	19.1	-7.1	25	-73	4.69	0		19.1	-7.1		395892.43	6908626.97	1249
8042728	42615	204726	54	N	837.5		25.2	-22.3	10.3	41	61	4.49	0		-22.3	10.3		395903.82	6908634.76	1247
8042728	42615	204826	54	N	850		25.2	-26	7.7	46	61	4.69	0		-26	7.7		395911.72	6908638.85	1243
8042728	42615	204906	54	N	862.5		25.2	-22.5	7.7	50	64	4.94	0		-22.5	7.7		395919.84	6908645.86	1242
8042728	42615	205006	54	N	875		25.2	-15.8	10.4	49	69	5.13	0		-15.8	10.4		395928.69	6908654.8	1242
8042728	42615	205022	54	N	875		25.2	-16.9	10.8	43	74	5.23	1					395928.85	6908654.54	1243
8042728	42615	205058	54	N	887.5		25.2	-14.9	11	32	75	4.94	0		-14.9	11		395935.7	6908663.23	1243
8042728	42615	205126	54	N	887.5		25.2	-15	11.1	31	72	4.78	1					395935.65	6908662.63	1244
8042728	42615	205142	54	N	887.5		25.2	-15.2	11.1	34	75	5.04	1					395935.3	6908662.71	1242
8042728	42615	213730	56	N	1200		25.2	20.4	1.5	33	62	4.29	0		20.4	1.5		396257.74	6908867.48	1224
8042728	42615	213746	56	N	1200		25.2	20.6	1.5	33	62	4.29	1					396257.67	6908867.52	1224
8042728	42615	213802	56	N	1200		25.2	22	0.5	38	57	4.18	1					396257.4	6908864.77	1211
8042728	42615	213918	56	N	1187.5		25.2	20.2	-3.6	38	57	4.17	0		20.2	-3.6		396248.46	6908855.17	1228
8042728	42615	213950	56	N	1175		25.2	19.6	-4.1	40	57	4.24	0		19.6	-4.1		396241.48	6908844.25	1218
8042728	42615	214122	56	N	1162.5		25.2	20.6	-3.6	49	53	4.41	0		20.6	-3.6		396233.09	6908830.92	1220
8042728	42615	214150	56	N	1150		25.2	21	-4.8	34	64	4.43	0		21	-4.8		396228.4	6908823.88	1222
8042728	42615	214222	56	N	1137.5		25.2	21.4	-8.2	38	65	4.59	0		21.4	-8.2		396221.57	6908812.22	1222
8042728	42615	214258	56	N	1125		25.2	24.5	-8.7	41	56	4.25	0		24.5	-8.7		396217.37	6908802.53	1222
8042728	42615	214410	56	N	1112.5		25.2	23.2	-10.4	44	61	4.58	0		23.2	-10.4		396210.28	6908790.6	1222
8042728	42615	214438	56	N	1100		25.2	22.1	-11.9	53	62	4.97	0		22.1	-11.9		396203.49	6908782.4	1223

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	214514	56	N	1087.5		25.2	23.9	-13.7	48	63	4.83	0		23.9	-13.7		396195.33	6908773.16	1225
8042728	42615	214546	56	N	1075		25.2	22.3	-15.4	42	64	4.66	0		22.3	-15.4		396187.8	6908761.19	1221
8042728	42615	214614	56	N	1062.5		25.2	23.1	-16.4	47	69	5.09	0		23.1	-16.4		396180.31	6908750.17	1222
8042728	42615	214650	56	N	1050		25.2	22.3	-18.3	53	64	5.04	0		22.3	-18.3		396174.51	6908742.11	1223
8042728	42615	214722	56	N	1037.5		25.2	23.3	-19.3	51	65	5.06	0		23.3	-19.3		396165.45	6908732.37	1221
8042728	42615	214738	56	N	1037.5		25.2	23.7	-19.4	49	68	5.07	1					396165.31	6908731.97	1221
8042728	42615	214754	56	N	1037.5		25.2	24.3	-19.6	47	63	4.8	1					396164.76	6908731.22	1223
8042728	42615	214922	56	N	1025		25.2	26.6	-16.9	66	58	5.35	0		26.6	-16.9		396157.25	6908722.74	1221
8042728	42615	214954	56	N	1012.5		25.2	28.9	-14.5	60	63	5.32	0		28.9	-14.5		396148.93	6908712.45	1220
8042728	42615	215026	56	N	1000		25.2	24.3	-16.8	69	62	5.67	0		24.3	-16.8		396140.36	6908704.77	1220
8042728	42615	215058	56	N	987.5		25.2	21.5	-20.1	56	72	5.53	0		21.5	-20.1		396135.02	6908695.96	1220
8042728	42615	215154	56	N	975		25.2	17	-16.7	48	77	5.52	0		17	-16.7		396124.56	6908684.62	1219
8042728	42615	215226	56	N	962.5		25.2	19.2	-17.6	41	85	5.78	0		19.2	-17.6		396119.46	6908678.55	1225
8042728	42615	215258	56	N	950		25.2	11.2	-14.5	45	83	5.74	0		11.2	-14.5		396111.05	6908667.11	1219
8042728	42615	215330	56	N	937.5		25.2	-7	-16.3	35	91	5.93	0		-7	-16.3		396103.16	6908654.82	1218
8042728	42615	215406	56	N	925		25.2	-15.3	-13.4	28	79	5.08	0		-15.3	-13.4		396096.23	6908644.78	1217
8042728	42615	215438	56	N	912.5		25.2	-11.2	-13.8	47	74	5.35	0		-11.2	-13.8		396090	6908635.51	1216
8042728	42615	215506	56	N	900		25.2	-24.2	-0.5	18	37	2.56	0		-24.2	-0.5		396084.78	6908626.65	1219
8042728	42615	215554	56	N	887.5		25.2	-9.2	-11.7	59	126	4.23	0		-9.2	-11.7		396076.63	6908613.99	1216
8042728	42615	215630	56	N	875		25.2	-6.5	-2.5	16	61	3.88	0		-6.5	-2.5		396069.11	6908600.97	1212
8042728	42615	215714	56	N	862.5		25.2	4.1	-4.4	44	67	4.89	0		4.1	-4.4		396063.26	6908590.79	1215
8042728	42615	215742	56	N	850		25.2	9	-2.9	43	70	5	0		9	-2.9		396056.21	6908581.74	1209
8042728	42615	215810	56	N	837.5		25.2	13.2	-1.4	27	73	4.72	0		13.2	-1.4		396048.91	6908572.1	1216
8042728	42615	215850	56	N	825		25.2	16.4	-1.3	19	83	5.2	0		16.4	-1.3		396041.83	6908560.84	1207
8042728	42615	215930	56	N	812.5		25.2	13.3	3.1	32	90	5.78	0		13.3	3.1		396035.28	6908550.57	1209
8042728	42615	220026	56	N	800		25.2	5.1	2.7	31	95	6.1	0		5.1	2.7		396032.42	6908543.11	1212
8042728	42615	220110	56	N	787.5		25.2	-13	3	40	90	5.98	0		-13	3		396024.62	6908532.76	1214
8042728	42615	220326	56	N	775		25.2	12.6	63.4	6	6	0.55	0		12.6	63.4		396020.78	6908521.26	1213
8042728	42615	220414	56	N	775		25.2	17.8	3	15	-111	3.41	1					396021.87	6908522.22	1209
8042728	42615	220454	56	N	762.5		25.2	-12.2	11.1	42	127	4.08	0		-12.2	11.1		396018.22	6908510.3	1208
8042728	42615	220534	56	N	750		25.2	-21.9	4.2	63	78	6.1	0		-21.9	4.2		396008.88	6908498.07	1208
8042728	42615	220606	56	N	737.5		25.2	-28.1	4.8	63	78	6.1	0		-28.1	4.8		396003.08	6908491.98	1207
8042728	42615	220646	56	N	725		25.2	-36	6.1	38	81	5.46	0		-36	6.1		395992.71	6908482.8	1205
8042728	42615	220714	56	N	712.5		25.2	-48.8	0.4	60	68	5.51	0		-48.8	0.4		395984.62	6908472.7	1203
8042728	42615	220754	56	N	700		25.2	-47.8	-0.1	38	67	4.66	0		-47.8	-0.1		395976.33	6908463.17	1199
8042728	42615	220822	56	N	687.5		25.2	-49.1	0.9	32	67	4.49	0		-49.1	0.9		395971.09	6908455.54	1203
8042728	42615	220858	56	N	675		25.2	-42.8	3.2	40	59	4.36	0		-42.8	3.2		395961.13	6908442.48	1201
8042728	42615	220926	56	N	662.5		25.2	-39.6	1.4	43	58	4.4	0		-39.6	1.4		395952.35	6908434.63	1201
8042728	42615	221006	56	N	650		25.2	-43.9	2.4	25	58	3.86	0		-43.9	2.4		395945.74	6908426.73	1200
8042728	42615	221042	56	N	637.5		25.2	-36.2	-0.3	33	57	4.04	0		-36.2	-0.3		395937.94	6908418.78	1198
8042728	42615	221114	56	N	625		25.2	-32.5	11.5	7	50	3.07	0		-32.5	11.5		395931.46	6908406.81	1198
8042728	42615	221158	56	N	612.5		25.2	-23.6	1.9	22	57	3.75	0		-23.6	1.9		395922.5	6908396.61	1196
8042728	42615	221230	56	N	600		25.2	-17.1	3.6	30	55	3.85	0		-17.1	3.6		395915.59	6908386.05	1195
8042728	42615	221258	56	N	587.5		25.2	-15.4	3.9	17	59	3.76	0		-15.4	3.9		395907.69	6908378.7	1193
8042728	42615	221514	56	N	575		25.2	-11.4	0.2	21	59	3.85	0		-11.4	0.2		395902.83	6908363.22	1194
8042728	42615	221554	56	N	562.5		25.2	-8.4	-1.1	19	57	3.68	0		-8.4	-1.1		395895.76	6908357.96	1189
8042728	42615	221618	56	N	550		25.2	-4.5	-1.4	11	58	3.61	0		-4.5	-1.4		395893.16	6908347.49	1190
8042728	42615	221646	56	N	537.5		25.2	0.1	0.6	15	57	3.59	0		0.1	0.6		395889.33	6908336.09	1187
8042728	42615	221714	56	N	525		25.2	5.2	2.3	12	61	3.77	0		5.2	2.3		395878.41	6908323.41	1184
8042728	42615	221750	56	N	512.5		25.2	10	0.4	34	62	4.31	0		10	0.4		395872.2	6908315.3	1182
8042728	42615	221818	56	N	500		25.2	5.8	-3.6	30	62	4.22	0		5.8	-3.6		395865.36	6908306.02	1181
8042728	42615	221842	56	N	487.5		25.2	8.1	-4.3	23	63	4.11	0		8.1	-4.3		395861.17	6908298.78	1178
8042728	42615	221914	56	N	475		25.2	12.8	-4.4	28	67	4.4	0		12.8	-4.4		395852.74	6908281.31	1178
8042728	42615	221942	56	N	462.5		25.2	13.2	-3.7	28	64	4.29	0		13.2	-3.7		395848.17	6908272.14	1174
8042728	42615	222022	56	N	450		25.2	15.5	-4.8	35	69	4.7	0		15.5	-4.8		395841.27	6908261.74	1177
8042728	42615	222102	56	N	437.5		25.2	13.3	-3.3	33	70	4.73	0		13.3	-3.3		395835.5	6908249.67	1173
8042728	42615	222126	56	N	425		25.2	5.8	-3.3	48	71	5.24	0		5.8	-3.3		395831.02	6908238.45	1170
8042728	42615	222214	56	N	412.5		25.2	-5.7	-5.3	43	77	5.35	0		-5.7	-5.3		395823.7	6908230.05	1170
8042728	42615	222330	56	N	400		25.2	-10.2	-4.8	39	66	4.69	0		-10.2	-4.8		395817.91	6908223.83	1170
8042728	42615	222402	56	N	387.5		25.2	-10.9	-3.3	46	71	5.13	0		-10.9	-3.3		395809.79	6908212.93	1169
8042728	42615	222434	56	N	375		25.2	-12.2	-1.8	42	70	5.01	0		-12.2	-1.8		395800.13	6908203.7	1167
8042728	42615	222502	56	N	362.5		25.2	-17	-1	34	67	4.59	0		-17	-1		395794.41	6908193.65	1165

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	222530	56	N	350		25.2	-15.6	-1.4	38	65	4.59	0		-15.6	-1.4		395786.1	6908183.15	1164
8042728	42615	222602	56	N	337.5		25.2	-16.1	0.6	33	63	4.35	0		-16.1	0.6		395778.62	6908173.89	1161
8042728	42615	222634	56	N	325		25.2	-15.9	1.3	28	65	4.28	0		-15.9	1.3		395771.06	6908165.64	1162
8042728	42615	222706	56	N	312.5		25.2	-17.6	6.6	11	60	3.7	0		-17.6	6.6		395763.95	6908157.7	1163
8042728	42615	222738	56	N	300		25.2	-14.1	2.6	29	62	4.15	0		-14.1	2.6		395754.88	6908146.82	1158
8042728	42615	222802	56	N	287.5		25.2	-19.2	-0.3	44	63	4.69	0		-19.2	-0.3		395749.24	6908136.17	1160
8042728	42615	222834	56	N	275		25.2	-30.1	-0.2	40	58	4.31	0		-30.1	-0.2		395739.56	6908126.65	1154
8042728	42615	222914	56	N	262.5		25.2	-24.1	-0.6	41	61	4.5	0		-24.1	-0.6		395731.38	6908120.22	1152
8042728	42615	222950	56	N	250		25.2	-21.3	2.2	26	63	4.18	0		-21.3	2.2		395726.04	6908108.92	1155
8042728	42615	223018	56	N	237.5		25.2	-22.4	3.3	20	63	4.05	0		-22.4	3.3		395717.53	6908095.79	1149
8042728	42615	223042	56	N	225		25.2	-24.9	5.2	20	66	4.19	0		-24.9	5.2		395716.26	6908089.15	1149
8042728	42615	223114	56	N	212.5		25.2	-25.8	2.2	21	63	4.08	0		-25.8	2.2		395709.88	6908077.88	1148
8042728	42615	223142	56	N	200		25.2	-28.1	-0.2	27	62	4.12	0		-28.1	-0.2		395701.86	6908065.73	1145
8042728	42615	223210	56	N	187.5		25.2	-36.6	-3.2	28	63	4.19	0		-36.6	-3.2		395696.82	6908056.1	1142
8042728	42615	223254	56	N	175		25.2	-38.7	-4.2	23	60	3.9	0		-38.7	-4.2		395688.25	6908047.53	1142
8042728	42615	223322	56	N	162.5		25.2	-37.5	0.2	20	57	3.72	0		-37.5	0.2		395679.23	6908033.53	1144
8042728	42615	223350	56	N	150		25.2	-35.1	-2.1	24	59	3.88	0		-35.1	-2.1		395676.1	6908024.54	1140
8042728	42615	223418	56	N	137.5		25.2	-32.5	-1.4	24	56	3.72	0		-32.5	-1.4		395672.22	6908014.8	1139
8042728	42615	223450	56	N	125		25.2	-28.7	-1	35	51	3.79	0		-28.7	-1		395664.58	6908006.81	1136
8042728	42615	223522	56	N	112.5		25.2	-28.1	-1.6	38	52	3.94	0		-28.1	-1.6		395652.79	6907999.49	1133
8042728	42615	223554	56	N	100		25.2	-27.3	-3.8	32	53	3.78	0		-27.3	-3.8		395645.93	6907990.71	1132
8042728	42615	223622	56	N	87.5		25.2	-26.9	-4.2	34	50	3.7	0		-26.9	-4.2		395635.55	6907980.87	1136
8042728	42615	223650	56	N	75		25.2	-26	-3.6	22	53	3.51	0		-26	-3.6		395627.87	6907967.23	1130
8042728	42615	223722	56	N	62.5		25.2	-22	-3.4	21	53	3.46	0		-22	-3.4		395624.06	6907959.85	1128
8042728	42615	223746	56	N	50		25.2	-21.2	-4.8	25	57	3.79	0		-21.2	-4.8		395619.22	6907948.83	1128
8042728	42615	223818	56	N	37.5		25.2	-17.2	-4.8	25	55	3.7	0		-17.2	-4.8		395612.37	6907938.39	1123
8042728	42615	223846	56	N	25		25.2	-13.1	-4.1	27	54	3.68	0		-13.1	-4.1		395605.64	6907928.18	1122
8042728	42615	223922	56	N	12.5		25.2	-16.9	-5.5	23	55	3.63	0		-16.9	-5.5		395601.03	6907919.11	1119
8042728	42615	223950	56	N	0		25.2	-17.2	-5.6	23	56	3.7	0		-17.2	-5.6		395595.12	6907906.91	1117
8042728	42615	224018	56	N	-12.5		25.2	-13.6	-5.2	22	56	3.67	0		-13.6	-5.2		395589.38	6907907.01	1122
8042728	42615	224050	56	N	-25		25.2	-15.1	-5.4	18	56	3.62	0		-15.1	-5.4		395586.66	6907884.89	1115
8042728	42615	224118	56	N	-37.5		25.2	-18.1	-9.7	22	57	3.73	0		-18.1	-9.7		395580.24	6907876.17	1111
8042728	42615	224202	56	N	-50		25.2	-17	-10.7	14	58	3.62	0		-17	-10.7		395571.37	6907870.08	1111
8042728	42615	224222	56	N	-50		25.2	-16.8	-10.2	24	56	3.73	1					395570.98	6907868.52	1109
8042728	42615	225906	58	N	0		25.2	-29.6	-12	15	59	3.72	0		-29.6	-12		395656.46	6907825.2	1082
8042728	42615	225930	58	N	0		25.2	-30.1	-9.7	24	59	3.89	1					395656	6907825.73	1081
8042728	42615	230010	58	N	12.5		25.2	-32.4	-10.4	13	58	3.61	0		-32.4	-10.4		395660.98	6907836.25	1089
8042728	42615	230102	58	N	25		25.2	-30.3	-4.1	32	58	4.05	0		-30.3	-4.1		395670.54	6907844.08	1085
8042728	42615	230202	58	N	37.5		25.2	-28.3	-0.7	31	58	4.02	0		-28.3	-0.7		395676.19	6907855.74	1091
8042728	42615	230242	58	N	50		25.2	-21.5	4.9	32	56	3.93	0		-21.5	4.9		395681.76	6907869.14	1089
8042728	42615	230334	58	N	62.5		25.2	-18.3	6.4	33	55	3.94	0		-18.3	6.4		395688.22	6907877.55	1091
8042728	42615	230510	58	N	75		25.2	-23.5	6.5	23	55	3.62	0		-23.5	6.5		395694.96	6907885.27	1095
8042728	42615	230550	58	N	87.5		25.2	-26.1	4.3	25	53	3.6	0		-26.1	4.3		395702.85	6907896.32	1092
8042728	42615	230706	58	N	100		25.2	-33.5	1.4	35	46	3.53	0		-33.5	1.4		395708.31	6907908.45	1096
8042728	42615	230746	58	N	112.5		25.2	-35.2	-0.5	87	90	3.8	0		-35.2	-0.5		395715.52	6907916.36	1097
8042728	42615	230846	58	N	125		25.2	-41.9	-3.4	47	111	3.67	0		-41.9	-3.4		395724.74	6907923.34	1100
8042728	42615	230942	58	N	137.5		25.2	-43.8	-4.2	78	91	3.63	0		-43.8	-4.2		395729.31	6907930.45	1106
8042728	42615	231022	58	N	150		25.2	-47.8	-15.1	25	113	3.51	0		-47.8	-15.1		395737.52	6907940.68	1107
8042728	42615	231138	58	N	162.5		25.2	-52.7	-17.2	49	116	3.82	0		-52.7	-17.2		395747.67	6907953.96	1110
8042728	42615	231214	58	N	175		25.2	-46.6	-6.4	71	123	4.33	0		-46.6	-6.4		395753.78	6907962.46	1115
8042728	42615	231246	58	N	187.5		25.2	-38.6	-3.9	31	61	4.2	0		-38.6	-3.9		395761.5	6907969.27	1112
8042728	42615	231346	58	N	200		25.2	-33.5	1.4	42	62	4.6	0		-33.5	1.4		395768.76	6907978.57	1119
8042728	42615	231426	58	N	212.5		25.2	-30.5	4.1	29	62	4.17	0		-30.5	4.1		395775.14	6907989.13	1119
8042728	42615	231510	58	N	225		25.2	-30.2	7.4	32	63	4.3	0		-30.2	7.4		395782.97	6908003.05	1118
8042728	42615	231602	58	N	237.5		25.2	-31.6	8.1	34	57	4.04	0		-31.6	8.1		395787.41	6908009.62	1118
8042728	42615	231654	58	N	250		25.2	-31.9	7.7	22	61	3.95	0		-31.9	7.7		395793.75	6908019.74	1120
8042728	42615	231738	58	N	262.5		25.2	-32.5	8.2	43	53	4.16	0		-32.5	8.2		395801.92	6908031.32	1123
8042728	42615	231858	58	N	275		25.2	-36	7.6	12	63	3.93	0		-36	7.6		395805.78	6908043.15	1125
8042728	42615	232018	58	N	287.5		25.2	-36.9	8.5	43	53	4.16	0		-36.9	8.5		395812.23	6908049.86	1124
8042728	42615	232134	58	N	300		25.2	-36.6	7.7	35	63	4.41	0		-36.6	7.7		395820.66	6908059.39	1128
8042728	42615	232226	58	N	312.5		25.2	-33.6	9.5	27	66	4.33	0		-33.6	9.5		395829.31	6908069.87	1133
8042728	42615	232302	58	N	325		25.2	-29.8	11.1	23	69	4.43	0		-29.8	11.1		395832.39	6908079.76	1132

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42615	232350	58	N	337.5		25.2	-25.1	13.9	42	64	4.66	0		-25.1	13.9		395839.57	6908086.23	1130
8042728	42615	232438	58	N	350		25.2	-27.5	11	37	68	4.73	0		-27.5	11		395844.93	6908097.32	1137
8042728	42615	232534	58	N	362.5		25.2	-23.7	11.5	18	69	4.33	0		-23.7	11.5		395852.93	6908110.32	1136
8042728	42615	232618	58	N	375		25.2	-21.3	12	48	66	5	0		-21.3	12		395860.07	6908119.94	1140
8042728	42615	232654	58	N	387.5		25.2	-24	10.9	45	60	4.61	0		-24	10.9		395865.56	6908125.4	1141
8042728	42615	232746	58	N	400		25.2	-27.4	8.2	35	64	4.43	0		-27.4	8.2		395872.95	6908136.86	1144
8042728	42615	232830	58	N	412.5		25.2	-32.1	5.3	56	55	4.79	0		-32.1	5.3		395879.34	6908147.39	1145
8042728	42615	232910	58	N	425		25.2	-33.4	4.2	30	65	4.39	0		-33.4	4.2		395884.16	6908147.31	1145
8042728	42615	232942	58	N	437.5		25.2	-34.7	4.6	43	66	4.82	0		-34.7	4.6		395888.22	6908157.8	1147
8042728	42615	233010	58	N	450		25.2	-31.1	2.8	36	73	4.97	0		-31.1	2.8		395895.81	6908169.57	1147
8042728	42615	233046	58	N	462.5		25.2	-24.7	2.7	54	64	5.13	0		-24.7	2.7		395899.63	6908181.16	1151
8042728	42615	233126	58	N	475		25.2	-21.8	2.4	28	74	4.83	0		-21.8	2.4		395907.12	6908187.29	1151
8042728	42615	233230	58	N	487.5		25.2	-9.5	0	74	46	5.29	0		-9.5	0		395916.41	6908195.74	1155
8042728	42615	233250	58	N	487.5		25.2	-8.3	0.4	82	44	5.67	1					395916.81	6908196.06	1153
8042728	42615	233326	58	N	475		25.2	-9.3	0.7	77	44	5.41	0		-9.3	0.7		395917.02	6908196.39	1152
8042728	42615	233422	58	N	487.5		25.2	-12.6	-1	73	42	5.13	0		-12.6	-1		395926.78	6908196.55	1152
8042728	42615	233506	58	N	500		25.2	-16.3	-1.8	39	58	4.27	0		-16.3	-1.8		395936.84	6908203.93	1154
8042728	42615	233558	58	N	512.5		25.2	-13.9	-1.4	39	60	4.36	0		-13.9	-1.4		395940.58	6908214.64	1158
8042728	42615	233654	58	N	512.5		25.2	-13.4	-1.8	41	58	4.33	1					395940.56	6908214.74	1158
8042728	42615	233734	58	N	512.5		25.2	-15.3	-0.3	30	62	4.18	1					395940.37	6908214.86	1159
1124844	42615	185742	51	N	850		25.2	6	9.4	50	64	4.95	0		6	9.4		395769.53	6908777.42	1268
1124844	42615	185758	51	N	850		25.2	6.2	9	55	64	5.16	1					395769.46	6908777.68	1268
1124844	42615	185914	51	N	837.5		25.2	-3.4	5.2	62	56	5.07	0		-3.4	5.2		395760.63	6908767.42	1268
1124844	42615	185946	51	N	825		25.2	-8.7	4.2	49	63	4.87	0		-8.7	4.2		395753.33	6908757.04	1269
1124844	42615	190022	51	N	812.5		25.2	-7.3	5.1	52	57	4.74	0		-7.3	5.1		395747.23	6908746.06	1272
1124844	42615	190054	51	N	800		25.2	-9.4	6.5	46	58	4.52	0		-9.4	6.5		395738.63	6908736.17	1273
1124844	42615	190122	51	N	787.5		25.2	-7.2	5.2	49	59	4.65	0		-7.2	5.2		395732.07	6908727.06	1274
1124844	42615	190154	51	N	775		25.2	-4.1	7.9	54	53	4.61	0		-4.1	7.9		395725.44	6908715.53	1275
1124844	42615	190226	51	N	762.5		25.2	-8	8.3	51	57	4.69	0		-8	8.3		395716.04	6908707.46	1275
1124844	42615	190322	51	N	750		25.2	-8.1	6.7	55	52	4.63	0		-8.1	6.7		395716.03	6908693.65	1278
1124844	42615	190354	51	N	737.5		25.2	-8.9	7.9	45	56	4.38	0		-8.9	7.9		395707.86	6908684.37	1277
1124844	42615	190430	51	N	725		25.2	-7	6	43	61	4.54	0		-7	6		395700.73	6908671.96	1276
1124844	42615	190502	51	N	712.5		25.2	-10.3	4.8	44	63	4.68	0		-10.3	4.8		395694.46	6908661.92	1276
1124844	42615	190542	51	N	700		25.2	-10.8	6.1	39	60	4.38	0		-10.8	6.1		395685.93	6908653.19	1272
1124844	42615	190622	51	N	687.5		25.2	-6.7	6.5	41	68	4.83	0		-6.7	6.5		395675.83	6908645.4	1268
1124844	42615	190654	51	N	675		25.2	-10.8	10.3	49	61	4.76	0		-10.8	10.3		395667.61	6908635.93	1261
1124844	42615	190722	51	N	662.5		25.2	-15.2	9.1	47	63	4.8	0		-15.2	9.1		395661.83	6908623.89	1260
1124844	42615	190754	51	N	650		25.2	-20.2	5.2	42	70	4.97	0		-20.2	5.2		395656.51	6908614.08	1260
1124844	42615	190826	51	N	637.5		25.2	-26.9	3.6	28	72	4.7	0		-26.9	3.6		395649.21	6908600.79	1259
1124844	42615	190858	51	N	625		25.2	-46.2	-3.9	53	58	4.8	0		-46.2	-3.9		395643.17	6908590.42	1259
1124844	42615	190930	51	N	612.5		25.2	-42.9	-2.7	31	55	3.86	0		-42.9	-2.7		395635.62	6908579.99	1259
1124844	42615	191010	51	N	600		25.2	-38.3	-0.2	39	51	3.9	0		-38.3	-0.2		395629.32	6908570.61	1258
1124844	42615	191102	51	N	587.5		25.2	-34.7	-0.1	40	52	4.01	0		-34.7	-0.1		395620.55	6908562.1	1257
1124844	42615	191134	51	N	575		25.2	-32.4	1.4	44	44	3.82	0		-32.4	1.4		395614.25	6908552.72	1252
1124844	42615	191214	51	N	562.5		25.2	-26.3	3.8	92	90	3.91	0		-26.3	3.8		395605.48	6908543.61	1249
1124844	42615	191242	51	N	550		25.2	-17.2	5.8	64	96	3.5	0		-17.2	5.8		395596.81	6908533.59	1245
1124844	42615	191314	51	N	537.5		25.2	-17	9.4	67	96	3.57	0		-17	9.4		395591.14	6908523.01	1245
1124844	42615	191346	51	N	525		25.2	-10.8	11.1	81	95	3.8	0		-10.8	11.1		395584.59	6908510.69	1241
1124844	42615	191426	51	N	512.5		25.2	-6.5	11.9	93	95	4.05	0		-6.5	11.9		395576.72	6908501.98	1240
1124844	42615	191458	51	N	500		25.2	-13.3	8.6	96	98	4.17	0		-13.3	8.6		395570.02	6908493.23	1239
1124844	42615	191534	51	N	487.5		25.2	-18.5	7.8	70	97	3.64	0		-18.5	7.8		395560.56	6908483.58	1234
1124844	42615	191758	51	N	475		25.2	-12.8	10.7	59	97	3.45	0		-12.8	10.7		395559.09	6908470.05	1233
1124844	42615	191830	51	N	462.5		25.2	-19	14.9	76	97	3.75	0		-19	14.9		395552.54	6908461.02	1233
1124844	42615	191854	51	N	450		25.2	-45.7	9.1	45	97	3.26	0		-45.7	9.1		395546.85	6908450.49	1233
1124844	42615	191922	51	N	437.5		25.2	-48.6	4	72	97	3.66	0		-48.6	4		395538.66	6908441.51	1231
1124844	42615	191950	51	N	425		25.2	-49.1	4.6	51	97	3.33	0		-49.1	4.6		395529.18	6908429.07	1229
1124844	42615	192018	51	N	412.5		25.2	-42.2	5.9	87	96	3.93	0		-42.2	5.9		395524.51	6908420.03	1227
1124844	42615	192046	51	N	400		25.2	-45.4	4.6	80	96	3.8	0		-45.4	4.6		395515.93	6908409.24	1224
1124844	42615	192114	51	N	387.5		25.2	-45.8	7.7	96	71	3.62	0		-45.8	7.7		395507.47	6908398.84	1223
1124844	42615	192146	51	N	375		25.2	-41.5	11	97	66	3.56	0		-41.5	11		395495.26	6908392.39	1222
1124844	42615	192546	51	N	362.5		25.2	-38.6	9.7	72	92	3.54	0		-38.6	9.7		395490.27	6908382.7	1223
1124844	42615	192618	51	N	350		25.2	-40.5	5.7	75	94	3.66	0		-40.5	5.7		395485.78	6908370.93	1219

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	192650	51	N	337.5		25.2	-33.7	7.5	77	93	3.67	0		-33.7	7.5		395477.79	6908360.25	1216
1124844	42615	192718	51	N	325		25.2	-29.8	10.6	67	93	3.49	0		-29.8	10.6		395470.43	6908349.34	1214
1124844	42615	192746	51	N	312.5		25.2	-28.2	9.1	62	95	3.46	0		-28.2	9.1		395465.17	6908339.46	1214
1124844	42615	192818	51	N	300		25.2	-31.4	10.3	56	95	3.36	0		-31.4	10.3		395457.1	6908327.75	1209
1124844	42615	192850	51	N	287.5		25.2	-21.7	11.9	72	93	3.56	0		-21.7	11.9		395449.54	6908314.78	1206
1124844	42615	192930	51	N	275		25.2	-15.7	13.4	91	84	3.78	0		-15.7	13.4		395439.3	6908303.08	1204
1124844	42615	193002	51	N	262.5		25.2	-22.7	13.8	69	94	3.56	0		-22.7	13.8		395432.67	6908294.83	1202
1124844	42615	193030	51	N	250		25.2	-24.3	9.6	84	94	3.83	0		-24.3	9.6		395426.72	6908286.38	1201
1124844	42615	193122	51	N	237.5		25.2	-31	8.7	67	95	3.53	0		-31	8.7		395421.74	6908277.98	1199
1124844	42615	193150	51	N	225		25.2	-24.6	8	76	94	3.67	0		-24.6	8		395415.61	6908267.31	1195
1124844	42615	193222	51	N	212.5		25.2	-21.8	11.8	70	96	3.62	0		-21.8	11.8		395407.18	6908258.19	1191
1124844	42615	193250	51	N	200		25.2	-20.4	10.5	93	93	4.01	0		-20.4	10.5		395399.25	6908248.84	1188
1124844	42615	193318	51	N	187.5		25.2	-19.6	10.1	75	96	3.71	0		-19.6	10.1		395390.55	6908238.94	1185
1124844	42615	193346	51	N	175		25.2	-20.3	10.6	81	95	3.81	0		-20.3	10.6		395383.12	6908224.61	1181
1124844	42615	193414	51	N	162.5		25.2	-36.6	8.6	62	97	3.49	0		-36.6	8.6		395377.06	6908218.2	1183
1124844	42615	193442	51	N	150		25.2	-33.7	3.9	69	96	3.59	0		-33.7	3.9		395367.94	6908203.77	1179
1124844	42615	193514	51	N	137.5		25.2	-34.4	5.5	69	95	3.58	0		-34.4	5.5		395364.56	6908195.76	1178
1124844	42615	193550	51	N	125		25.2	-35	2.6	62	96	3.48	0		-35	2.6		395358.22	6908183.7	1176
1124844	42615	193630	51	N	112.5		25.2	-35	4.9	56	95	3.35	0		-35	4.9		395348.86	6908175.6	1174
1124844	42615	193710	51	N	100		25.2	-31.8	4.5	85	90	3.75	0		-31.8	4.5		395346.8	6908163.21	1171
1124844	42615	193746	51	N	87.5		25.2	-36.3	2.8	57	95	3.38	0		-36.3	2.8		395335.97	6908153.76	1169
1124844	42615	193822	51	N	75		25.2	-36.3	0.3	62	96	3.47	0		-36.3	0.3		395331.01	6908143.83	1162
1124844	42615	193854	51	N	62.5		25.2	-38.5	2.4	56	92	3.29	0		-38.5	2.4		395326.53	6908134.57	1164
1124844	42615	193926	51	N	50		25.2	-30.3	1.3	47	94	3.19	0		-30.3	1.3		395319.3	6908125.79	1161
1124844	42615	194014	51	N	37.5		25.2	-26.2	5.3	56	89	3.21	0		-26.2	5.3		395309.34	6908114.14	1157
1124844	42615	194058	51	N	25		25.2	-24.8	4.8	77	83	3.44	0		-24.8	4.8		395302.07	6908105.26	1156
1124844	42615	194130	51	N	12.5		25.2	-21.1	1.9	41	97	3.2	0		-21.1	1.9		395293.8	6908094.98	1156
1124844	42615	194214	51	N	0		25.2	-20.4	3.8	67	90	3.42	0		-20.4	3.8		395285.23	6908082.21	1152
1124844	42615	194234	51	N	0		25.2	-19.8	2.7	69	94	3.54	1					395284.99	6908081	1151
1124844	42615	195446	53	N	0		25.2	-26	-12.1	77	86	3.52	0		-26	-12.1		395407.31	6907994.18	1158
1124844	42615	195506	53	N	0		25.2	-26.7	-11.1	79	89	3.63	1					395407.36	6907994.27	1157
1124844	42615	195546	53	N	12.5		25.2	-25.2	-10.4	55	97	3.39	0		-25.2	-10.4		395413.36	6908005.69	1160
1124844	42615	195626	53	N	25		25.2	-23.9	-5.1	62	91	3.36	0		-23.9	-5.1		395419.83	6908016.96	1162
1124844	42615	195702	53	N	37.5		25.2	-24.9	-7.6	52	96	3.31	0		-24.9	-7.6		395428.18	6908026.04	1165
1124844	42615	195738	53	N	50		25.2	-24.7	-7.9	61	96	3.44	0		-24.7	-7.9		395436.07	6908036.8	1168
1124844	42615	195806	53	N	62.5		25.2	-20.9	-7.3	75	92	3.61	0		-20.9	-7.3		395442.59	6908045.06	1167
1124844	42615	195854	53	N	75		25.2	-22.8	-3.8	55	95	3.35	0		-22.8	-3.8		395450.56	6908056.4	1171
1124844	42615	195930	53	N	87.5		25.2	-19.8	-2	58	95	3.38	0		-19.8	-2		395455.77	6908066.38	1174
1124844	42615	200006	53	N	100		25.2	-22.8	-3.2	67	91	3.44	0		-22.8	-3.2		395460.91	6908077.83	1176
1124844	42615	200038	53	N	112.5		25.2	-19.9	0.8	64	96	3.52	0		-19.9	0.8		395470.39	6908086.34	1177
1124844	42615	200122	53	N	125		25.2	-17.5	1.4	75	91	3.58	0		-17.5	1.4		395478.58	6908098.64	1177
1124844	42615	200202	53	N	137.5		25.2	-21.6	0.2	53	96	3.32	0		-21.6	0.2		395483.79	6908111.23	1177
1124844	42615	200238	53	N	150		25.2	-25	-2.5	57	91	3.28	0		-25	-2.5		395492.79	6908120.88	1177
1124844	42615	200310	53	N	162.5		25.2	-27.1	-3.2	59	94	3.37	0		-27.1	-3.2		395501.38	6908127.92	1180
1124844	42615	200342	53	N	175		25.2	-32.3	-4.6	70	90	3.47	0		-32.3	-4.6		395506.14	6908138.67	1183
1124844	42615	200418	53	N	187.5		25.2	-29.5	-2.3	72	96	3.65	0		-29.5	-2.3		395512.62	6908151.84	1184
1124844	42615	200502	53	N	200		25.2	-28.5	-0.8	66	97	3.56	0		-28.5	-0.8		395520.45	6908164.27	1185
1124844	42615	200538	53	N	212.5		25.2	-29.8	-1.6	59	95	3.39	0		-29.8	-1.6		395527.43	6908171.79	1188
1124844	42615	200626	53	N	225		25.2	-30.8	-2.4	64	95	3.48	0		-30.8	-2.4		395536.58	6908184.51	1189
1124844	42615	200702	53	N	237.5		25.2	-38.5	-0.4	16	96	2.97	0		-38.5	-0.4		395540.36	6908194.01	1184
1124844	42615	200750	53	N	250		25.2	-32.6	-2.6	59	97	3.46	0		-32.6	-2.6		395552.21	6908203.26	1190
1124844	42615	200838	53	N	262.5		25.2	-29.2	-0.8	65	96	3.53	0		-29.2	-0.8		395558.82	6908214.02	1196
1124844	42615	200918	53	N	275		25.2	-26.4	-0.2	72	96	3.65	0		-26.4	-0.2		395564.34	6908225.2	1197
1124844	42615	200950	53	N	287.5		25.2	-13.1	6.1	62	97	3.49	0		-13.1	6.1		395574.54	6908232.71	1199
1124844	42615	201030	53	N	300		25.2	-12.8	7.9	54	97	3.36	0		-12.8	7.9		395580.73	6908245.06	1198
1124844	42615	201102	53	N	312.5		25.2	-11.8	4.4	76	93	3.66	0		-11.8	4.4		395586.07	6908253.81	1199
1124844	42615	201142	53	N	325		25.2	-18	5.5	53	94	3.29	0		-18	5.5		395592.7	6908264.91	1202
1124844	42615	201234	53	N	337.5		25.2	-15.5	1.8	87	78	3.54	0		-15.5	1.8		395603.94	6908270.92	1202
1124844	42615	201310	53	N	350		25.2	-20.5	1.5	68	90	3.43	0		-20.5	1.5		395609.33	6908282.43	1203
1124844	42615	201350	53	N	362.5		25.2	-27.1	-0.7	67	95	3.53	0		-27.1	-0.7		395616.61	6908293.97	1208
1124844	42615	201434	53	N	375		25.2	-31.1	-3.5	52	92	3.22	0		-31.1	-3.5		395621.6	6908304.54	1208
1124844	42615	201518	53	N	387.5		25.2	-36.6	-7.7	48	97	3.28	0		-36.6	-7.7		395631.75	6908315.61	1208

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	201558	53	N	400		25.2	-42.9	-5.8	51	96	3.3	0		-42.9	-5.8		395639.18	6908321.31	1211
1124844	42615	201650	53	N	412.5		25.2	-31.9	-5.7	58	97	3.44	0		-31.9	-5.7		395645.82	6908332.31	1214
1124844	42615	201738	53	N	425		25.2	-38.9	-4.8	48	97	3.3	0		-38.9	-4.8		395649.48	6908344.61	1215
1124844	42615	201818	53	N	437.5		25.2	-32.1	-4.9	54	97	3.39	0		-32.1	-4.9		395656.14	6908356.18	1219
1124844	42615	201858	53	N	450		25.2	-16.5	-0.1	67	97	3.59	0		-16.5	-0.1		395664.85	6908365.14	1219
1124844	42615	201934	53	N	462.5		25.2	-1.4	2	82	97	3.86	0		-1.4	2		395673.41	6908375.8	1220
1124844	42615	202034	53	N	475		25.2	-0.6	1.7	56	97	3.41	0		-0.6	1.7		395683.44	6908385.68	1223
1124844	42615	202642	53	N	487.5		25.2	6.4	4	38	97	3.18	0		6.4	4		395690.51	6908392.96	1225
1124844	42615	202730	53	N	500		25.2	0.8	4	55	96	3.37	0		0.8	4		395693	6908404.44	1227
1124844	42615	202822	53	N	512.5		25.2	-2.4	0.4	73	93	3.6	0		-2.4	0.4		395700.4	6908418.08	1230
1124844	42615	202906	53	N	525		25.2	-7	-4.1	82	82	3.53	0		-7	-4.1		395708.71	6908428.03	1232
1124844	42615	202954	53	N	537.5		25.2	-8	-3	84	82	3.57	0		-8	-3		395717.03	6908436.69	1235
1124844	42615	203034	53	N	550		25.2	-13.1	-4.7	86	79	3.54	0		-13.1	-4.7		395725.96	6908444.83	1236
1124844	42615	203110	53	N	562.5		25.2	-16.8	-5.4	82	86	3.6	0		-16.8	-5.4		395734.15	6908451.99	1237
1124844	42615	203202	53	N	575		25.2	-18.6	-4.3	85	80	3.55	0		-18.6	-4.3		395745.6	6908462.73	1240
1124844	42615	203238	53	N	587.5		25.2	-22.9	-5.7	79	80	3.42	0		-22.9	-5.7		395754.25	6908472.26	1243
1124844	42615	203414	53	N	600		25.2	-30.3	-5.2	58	92	3.33	0		-30.3	-5.2		395757.92	6908482.14	1245
1124844	42615	203454	53	N	612.5		25.2	-36.2	-7.3	69	93	3.51	0		-36.2	-7.3		395764.87	6908494.6	1247
1124844	42615	203526	53	N	625		25.2	-39	-4.9	56	97	3.41	0		-39	-4.9		395771.71	6908503.78	1249
1124844	42615	203610	53	N	637.5		25.2	-41.1	-7.3	63	96	3.48	0		-41.1	-7.3		395778.25	6908514.87	1249
1124844	42615	203654	53	N	650		25.2	-42.6	-9.5	82	96	3.84	0		-42.6	-9.5		395785.54	6908527.42	1249
1124844	42615	203734	53	N	662.5		25.2	-50.1	-9.7	64	97	3.54	0		-50.1	-9.7		395791.83	6908538.09	1250
1124844	42615	203822	53	N	675		25.2	-39	-0.3	78	97	3.8	0		-39	-0.3		395799.22	6908550.17	1250
1124844	42615	203902	53	N	687.5		25.2	-22.4	0.9	83	97	3.88	0		-22.4	0.9		395806.73	6908559.94	1250
1124844	42615	203942	53	N	700		25.2	-13.2	4.2	96	99	4.19	0		-13.2	4.2		395814.43	6908569.28	1251
1124844	42615	204022	53	N	712.5		25.2	-5.4	5.5	98	99	4.23	0		-5.4	5.5		395824.9	6908581.06	1252
1124844	42615	204114	53	N	725		25.2	-4.2	3.3	97	90	4.03	0		-4.2	3.3		395841.61	6908596.27	1253
1124844	42615	204202	53	N	737.5		25.2	-5.3	4.7	95	98	4.14	0		-5.3	4.7		395847.69	6908607.08	1255
1124844	42615	204238	53	N	750		25.2	-7.8	3.9	97	97	4.18	0		-7.8	3.9		395855	6908615.48	1256
1124844	42615	204546	53	N	762.5		25.2	-12	8.9	36	97	3.16	0		-12	8.9		395864.11	6908627.1	1255
1124844	42615	204714	53	N	775		25.2	-7.4	8.1	56	97	3.41	0		-7.4	8.1		395866.58	6908640.74	1257
1124844	42615	204810	53	N	787.5		25.2	-9.6	1.9	81	96	3.82	0		-9.6	1.9		395870.34	6908653.61	1256
1124844	42615	204854	53	N	800		25.2	-15.6	0.8	84	97	3.89	0		-15.6	0.8		395876.36	6908665.89	1256
1124844	42615	204934	53	N	812.5		25.2	-16.9	-0.5	96	98	4.17	0		-16.9	-0.5		395885.3	6908676.27	1252
1124844	42615	205010	53	N	825		25.2	-14.2	0.4	85	97	3.94	0		-14.2	0.4		395890.4	6908686.41	1252
1124844	42615	205110	53	N	837.5		25.2	-16.5	0.2	61	97	3.5	0		-16.5	0.2		395895.3	6908697.66	1251
1124844	42615	205138	53	N	837.5		25.2	-10.6	-1.4	70	97	3.65	1					395895.26	6908697.6	1251
1124844	42615	213010	55	N	850		25.2	-14.9	10	53	97	3.37	0		-14.9	10		395975.82	6908631.77	1233
1124844	42615	213030	55	N	850		25.2	-16.7	10.7	59	98	3.47	1					395975.87	6908631.48	1232
1124844	42615	213138	55	N	837.5		25.2	-20.2	13.1	47	98	3.3	0		-20.2	13.1		395969.14	6908621.27	1233
1124844	42615	213242	55	N	825		25.2	-27.9	2.4	88	98	3.99	0		-27.9	2.4		395961.53	6908609.93	1229
1124844	42615	213318	55	N	812.5		25.2	-33.1	4.9	84	96	3.88	0		-33.1	4.9		395955.51	6908599.39	1228
1124844	42615	213358	55	N	800		25.2	-28.4	8.2	98	77	3.78	0		-28.4	8.2		395946.59	6908591.39	1227
1124844	42615	213430	55	N	787.5		25.2	-22.6	10.4	86	92	3.83	0		-22.6	10.4		395937.91	6908580.33	1226
1124844	42615	213514	55	N	775		25.2	-21.4	14.9	97	77	3.77	0		-21.4	14.9		395931.91	6908566.78	1229
1124844	42615	213550	55	N	762.5		25.2	-19.2	14.7	99	94	4.15	0		-19.2	14.7		395925.09	6908555.74	1226
1124844	42615	213618	55	N	750		25.2	-16.5	17.7	98	68	3.62	0		-16.5	17.7		395917.91	6908549.57	1227
1124844	42615	213702	55	N	737.5		25.2	-22.3	16.3	79	97	3.8	0		-22.3	16.3		395909.76	6908540.83	1227
1124844	42615	213734	55	N	725		25.2	-28	14.7	62	98	3.52	0		-28	14.7		395904.93	6908528.89	1223
1124844	42615	213814	55	N	712.5		25.2	-45	14.2	74	98	3.72	0		-45	14.2		395897.9	6908517.16	1222
1124844	42615	213858	55	N	700		25.2	-67.6	3.5	75	98	3.74	0		-67.6	3.5		395889.07	6908507.79	1226
1124844	42615	213942	55	N	687.5		25.2	-68.9	1.2	58	96	3.4	0		-68.9	1.2		395879.52	6908493.31	1225
1124844	42615	214014	55	N	675		25.2	-62.7	5.3	55	94	3.3	0		-62.7	5.3		395873.8	6908485.59	1228
1124844	42615	214146	55	N	662.5		25.2	-56.4	2.6	49	97	3.29	0		-56.4	2.6		395866.12	6908471.78	1221
1124844	42615	214250	55	N	650		25.2	-59.4	1.4	54	92	3.24	0		-59.4	1.4		395859.5	6908462.58	1220
1124844	42615	214342	55	N	637.5		25.2	-48.6	3.4	77	80	3.37	0		-48.6	3.4		395854.4	6908455.52	1216
1124844	42615	214418	55	N	625		25.2	-43.7	6.9	76	73	3.2	0		-43.7	6.9		395845.93	6908447.82	1220
1124844	42615	214450	55	N	612.5		25.2	-34.4	6.5	70	85	3.35	0		-34.4	6.5		395838.25	6908437.85	1214
1124844	42615	214530	55	N	600		25.2	-29.6	9	72	85	3.38	0		-29.6	9		395831.92	6908426.36	1211
1124844	42615	214606	55	N	587.5		25.2	-23.7	8	71	85	3.36	0		-23.7	8		395824.33	6908415.77	1211
1124844	42615	214642	55	N	575		25.2	-24	0.7	29	98	3.1	0		-24	0.7		395818.21	6908405.54	1208
1124844	42615	214718	55	N	562.5		25.2	-17.8	4.8	95	71	3.62	0		-17.8	4.8		395806.39	6908396.68	1202

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	214754	55	N	550		25.2	-19.6	5.8	65	92	3.42	0		-19.6	5.8		395801.76	6908387.6	1207
1124844	42615	214834	55	N	537.5		25.2	-10.5	5.7	82	83	3.55	0		-10.5	5.7		395792.93	6908377.57	1205
1124844	42615	214918	55	N	525		25.2	-8.9	6.7	80	87	3.59	0		-8.9	6.7		395786.94	6908365.3	1202
1124844	42615	215002	55	N	512.5		25.2	-5.4	7	93	90	3.94	0		-5.4	7		395779.53	6908353.83	1199
1124844	42615	215034	55	N	500		25.2	-9.3	3.2	74	97	3.73	0		-9.3	3.2		395771.24	6908346.84	1197
1124844	42615	215202	55	N	487.5		25.2	-7.9	4.4	75	97	3.72	0		-7.9	4.4		395764.78	6908336.74	1198
1124844	42615	215234	55	N	475		25.2	-1.8	6.3	92	95	4.03	0		-1.8	6.3		395758.52	6908325.61	1196
1124844	42615	215310	55	N	462.5		25.2	-1.9	9.5	84	96	3.89	0		-1.9	9.5		395750.81	6908315.6	1193
1124844	42615	215358	55	N	450		25.2	-3.7	7.5	94	99	4.14	0		-3.7	7.5		395742.75	6908306.59	1190
1124844	42615	215426	55	N	437.5		25.2	-19.1	6.2	69	98	3.64	0		-19.1	6.2		395738.81	6908301.21	1191
1124844	42615	215526	55	N	425		25.2	-34.3	5.7	37	98	3.19	0		-34.3	5.7		395730.46	6908284.4	1189
1124844	42615	215554	55	N	412.5		25.2	-30	3.6	19	98	3.04	0		-30	3.6		395724.84	6908273.48	1187
1124844	42615	215626	55	N	400		25.2	-27.3	8.2	76	97	3.76	0		-27.3	8.2		395719.4	6908261.12	1182
1124844	42615	215702	55	N	387.5		25.2	-21.7	8.9	91	94	3.98	0		-21.7	8.9		395710.49	6908252.09	1183
1124844	42615	215738	55	N	375		25.2	-20.7	12.6	89	94	3.93	0		-20.7	12.6		395700.67	6908243.92	1185
1124844	42615	215930	55	N	362.5		25.2	-39.7	7.1	34	98	3.15	0		-39.7	7.1		395692.79	6908227.22	1178
1124844	42615	220018	55	N	350		25.2	-34.6	9	47	98	3.3	0		-34.6	9		395684.64	6908217.06	1180
1124844	42615	220310	55	N	337.5		25.2	-18.3	9.9	71	98	3.68	0		-18.3	9.9		395676.25	6908202.21	1174
1124844	42615	220346	55	N	325		25.2	-21.8	13.7	82	97	3.87	0		-21.8	13.7		395671.14	6908193.68	1179
1124844	42615	220458	55	N	312.5		25.2	-25.9	12.4	94	98	4.12	0		-25.9	12.4		395661.66	6908182.97	1170
1124844	42615	220538	55	N	300		25.2	-32.1	7.2	64	98	3.57	0		-32.1	7.2		395653.81	6908174.42	1169
1124844	42615	220626	55	N	287.5		25.2	-37.1	8.6	81	97	3.83	0		-37.1	8.6		395645.27	6908162.99	1168
1124844	42615	220706	55	N	275		25.2	-44.3	11	56	98	3.43	0		-44.3	11		395638.36	6908154.21	1168
1124844	42615	220746	55	N	262.5		25.2	-49.2	6.5	74	96	3.69	0		-49.2	6.5		395633.07	6908142.33	1168
1124844	42615	220818	55	N	250		25.2	-46.2	6.8	66	94	3.5	0		-46.2	6.8		395626.26	6908133.2	1165
1124844	42615	220858	55	N	237.5		25.2	-39.9	8.6	95	69	3.57	0		-39.9	8.6		395616.56	6908121.79	1162
1124844	42615	220942	55	N	225		25.2	-49	6.7	78	90	3.61	0		-49	6.7		395606.11	6908111.36	1161
1124844	42615	221026	55	N	212.5		25.2	-49.2	1	64	95	3.49	0		-49.2	1		395601.57	6908100.1	1160
1124844	42615	221114	55	N	200		25.2	-45.3	2.1	25	97	3.05	0		-45.3	2.1		395595.58	6908091.12	1159
1124844	42615	221154	55	N	187.5		25.2	-46.4	4.3	30	96	3.05	0		-46.4	4.3		395592.19	6908081.83	1158
1124844	42615	221238	55	N	175		25.2	-39	6.2	74	89	3.52	0		-39	6.2		395584.91	6908071.31	1155
1124844	42615	221314	55	N	162.5		25.2	-32.9	7.1	54	94	3.3	0		-32.9	7.1		395578.48	6908060.15	1155
1124844	42615	221354	55	N	150		25.2	-33.7	7.8	69	91	3.49	0		-33.7	7.8		395571.8	6908051.26	1152
1124844	42615	221426	55	N	137.5		25.2	-28.5	8.4	62	95	3.46	0		-28.5	8.4		395564.11	6908041.92	1152
1124844	42615	221502	55	N	125		25.2	-30.7	7.2	54	98	3.39	0		-30.7	7.2		395555.57	6908030.16	1151
1124844	42615	221534	55	N	112.5		25.2	-30.8	6.9	76	89	3.58	0		-30.8	6.9		395548.84	6908021.24	1150
1124844	42615	221606	55	N	100		25.2	-29.3	4.5	49	93	3.2	0		-29.3	4.5		395541.38	6908012.19	1149
1124844	42615	221714	55	N	87.5		25.2	-24.7	6.3	68	95	3.56	0		-24.7	6.3		395532.68	6907999.98	1146
1124844	42615	221750	55	N	75		25.2	-27.9	5.7	42	97	3.22	0		-27.9	5.7		395523.73	6907989.29	1145
1124844	42615	221858	55	N	62.5		25.2	-26.4	5.7	58	98	3.45	0		-26.4	5.7		395518.13	6907979.52	1144
1124844	42615	221934	55	N	50		25.2	-26.6	4.9	42	93	3.1	0		-26.6	4.9		395510.74	6907970.73	1142
1124844	42615	222014	55	N	37.5		25.2	-34	1.4	56	97	3.41	0		-34	1.4		395502.62	6907960.34	1142
1124844	42615	222050	55	N	25		25.2	-39.6	-1.2	37	97	3.16	0		-39.6	-1.2		395495.67	6907949.63	1138
1124844	42615	222130	55	N	12.5		25.2	-39	-0.7	51	98	3.35	0		-39	-0.7		395489.65	6907941.31	1137
1124844	42615	222218	55	N	0		25.2	-38.6	-4.5	17	98	3.01	0		-38.6	-4.5		395484.5	6907930.48	1134
1124844	42615	222242	55	N	0		25.2	-38.4	-4.1	24	97	3.03	1					395486.08	6907932.05	1135
1124844	42615	225942	57	N	0		25.2	-11.2	-5.7	35	96	3.09	0		-11.2	-5.7		395612.72	6907847.73	1095
1124844	42615	230038	57	N	0		25.2	-11.1	-5.4	30	97	3.09	1					395611.74	6907846.76	1094
1124844	42615	230138	57	N	12.5		25.2	-11.3	-4.5	22	96	2.99	0		-11.3	-4.5		395620.64	6907860.2	1096
1124844	42615	230218	57	N	25		25.2	-16.5	-3	6	97	2.95	0		-16.5	-3		395631.28	6907869.05	1097
1124844	42615	230322	57	N	37.5		25.2	-12.4	-6.7	46	94	3.17	0		-12.4	-6.7		395630.56	6907881.47	1104
1124844	42615	230546	57	N	50		25.2	-24.5	-5.4	35	97	3.15	0		-24.5	-5.4		395638.46	6907893.34	1104
1124844	42615	230726	57	N	62.5		25.2	-12	-4.9	45	97	3.26	0		-12	-4.9		395647.61	6907899.27	1107
1124844	42615	230910	57	N	75		25.2	-20.1	-3.1	25	96	3.01	0		-20.1	-3.1		395657.04	6907911.62	1107
1124844	42615	230950	57	N	87.5		25.2	-16.5	-5.2	65	87	3.31	0		-16.5	-5.2		395662.14	6907920.73	1108
1124844	42615	231038	57	N	100		25.2	-22.6	-5.7	47	87	3.02	0		-22.6	-5.7		395664.45	6907930.55	1110
1124844	42615	231122	57	N	112.5		25.2	-20.8	-9	86	74	3.46	0		-20.8	-9		395671.58	6907941.29	1112
1124844	42615	231214	57	N	125		25.2	-25.8	-8.4	63	87	3.27	0		-25.8	-8.4		395679.78	6907947.01	1115
1124844	42615	231254	57	N	137.5		25.2	-29.7	-8.6	44	93	3.12	0		-29.7	-8.6		395689.29	6907951.56	1118
1124844	42615	231330	57	N	150		25.2	-36.7	-9.6	16	95	2.94	0		-36.7	-9.6		395695.26	6907964.12	1120
1124844	42615	231410	57	N	162.5		25.2	-32.3	-5.3	18	97	3.01	0		-32.3	-5.3		395700.15	6907975.97	1118
1124844	42615	231454	57	N	175		25.2	-46.1	-8.5	13	95	2.92	0		-46.1	-8.5		395707.32	6907987.15	1122

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42615	231546	57	N	187.5		25.2	-48.7	-12.7	37	97	3.17	0		-48.7	-12.7		395711.35	6908000.1	1122
1124844	42615	231634	57	N	200		25.2	-47.3	-11.8	58	92	3.31	0		-47.3	-11.8		395713.49	6908010.34	1126
1124844	42615	231730	57	N	212.5		25.2	-35.6	-6.4	46	98	3.29	0		-35.6	-6.4		395722.45	6908019.2	1129
1124844	42615	231850	57	N	225		25.2	-29.9	-4	77	96	3.73	0		-29.9	-4		395728.78	6908031.64	1132
1124844	42615	231954	57	N	237.5		25.2	-22	0.3	39	97	3.19	0		-22	0.3		395734.92	6908039.75	1133
1124844	42615	232110	57	N	250		25.2	-24.8	0.5	30	98	3.11	0		-24.8	0.5		395742.94	6908051.32	1134
1124844	42615	232218	57	N	262.5		25.2	-30.9	4.6	37	97	3.15	0		-30.9	4.6		395750.29	6908061.41	1135
1124844	42615	232310	57	N	275		25.2	-23.6	2.3	65	96	3.52	0		-23.6	2.3		395757.2	6908072.31	1138
1124844	42615	232406	57	N	287.5		25.2	-28.5	0.1	41	98	3.21	0		-28.5	0.1		395768.03	6908082.26	1139
1124844	42615	232450	57	N	300		25.2	-24.8	1.3	37	98	3.17	0		-24.8	1.3		395776.04	6908090.67	1140
1124844	42615	232550	57	N	312.5		25.2	-32.4	-0.9	49	97	3.31	0		-32.4	-0.9		395783.69	6908100.79	1143
1124844	42615	232634	57	N	325		25.2	-33.6	-0.8	44	97	3.26	0		-33.6	-0.8		395792.63	6908110.52	1143
1124844	42615	232718	57	N	337.5		25.2	-22.5	0.5	69	98	3.64	0		-22.5	0.5		395800.94	6908121.11	1146
1124844	42615	232806	57	N	350		25.2	-17.1	1.2	68	97	3.61	0		-17.1	1.2		395809.44	6908130.22	1149
1124844	42615	232846	57	N	362.5		25.2	-10.3	5.1	53	97	3.37	0		-10.3	5.1		395818.22	6908139.91	1148
1124844	42615	232926	57	N	375		25.2	-14.7	2.2	52	97	3.33	0		-14.7	2.2		395826.56	6908150	1150
1124844	42615	233010	57	N	387.5		25.2	-12.3	0.4	61	96	3.46	0		-12.3	0.4		395831.2	6908161.1	1153
1124844	42615	233050	57	N	400		25.2	-21.5	1.1	15	97	3	0		-21.5	1.1		395836.61	6908171.55	1155
1124844	42615	233134	57	N	412.5		25.2	-16.2	-4.4	57	98	3.44	0		-16.2	-4.4		395842.72	6908185.15	1157
1124844	42615	233414	57	N	425		25.2	-16.6	-8.1	63	97	3.54	0		-16.6	-8.1		395850.66	6908197.09	1160
1124844	42615	233458	57	N	437.5		25.2	-8	-7.9	80	98	3.83	0		-8	-7.9		395859.06	6908209.11	1163
1124844	42615	233534	57	N	450		25.2	3.2	-7	63	97	3.53	0		3.2	-7		395866.53	6908219.35	1164
1124844	42615	233622	57	N	462.5		25.2	12.7	-5.3	78	93	3.68	0		12.7	-5.3		395875.58	6908231.01	1165
1124844	42615	233658	57	N	475		25.2	10.5	-5.4	90	94	3.97	0		10.5	-5.4		395884.41	6908238.09	1166
1124844	42615	233802	57	N	487.5		25.2	13.9	-5.9	59	94	3.36	0		13.9	-5.9		395891.42	6908250.19	1169
1124844	42615	233826	57	N	487.5		25.2	12.1	-6.1	61	93	3.37	1					395891.31	6908249.52	1167
8042728	42617	211930	71	N	0		25.2	-4.4	4.8	72	122	4.3	0		-4.4	4.8		396864.79	6908262.02	1219
8042728	42617	211946	71	N	0		25.2	-3.8	4.2	32	58	4.06	1					396864.66	6908261.94	1219
8042728	42617	212002	71	N	0		25.2	-3.2	4.2	35	57	4.06	1					396864.65	6908261.66	1219
8042728	42617	212122	71	N	12.5		25.2	-3.2	5.2	38	62	4.43	0		-3.2	5.2		396871.34	6908271.37	1218
8042728	42617	212218	71	N	25		25.2	4.7	11.5	36	55	4.03	0		4.7	11.5		396878.36	6908283.34	1218
8042728	42617	212254	71	N	37.5		25.2	1.5	12.5	35	59	4.21	0		1.5	12.5		396888.33	6908293.07	1217
8042728	42617	212342	71	N	50		25.2	-0.7	12.6	35	57	4.06	0		-0.7	12.6		396895.36	6908302.45	1217
8042728	42617	212414	71	N	62.5		25.2	-5.4	11.4	27	55	3.75	0		-5.4	11.4		396901.79	6908312.2	1217
8042728	42617	212442	71	N	75		25.2	-11	9	38	53	3.98	0		-11	9		396906.85	6908320.82	1217
8042728	42617	212458	71	N	75		25.2	-10.3	8.9	33	58	4.04	1					396906.74	6908320.76	1217
8042728	42617	212518	71	N	75		25.2	-10.7	9	32	57	4.02	1					396906.72	6908320.75	1218
8042728	42617	212542	71	N	75		25.2	-10.2	7.8	22	58	3.79	1					396906.45	6908320.44	1218
8042728	42617	212614	71	N	87.5		25.2	-14.1	6.7	32	54	3.86	0		-14.1	6.7		396912.19	6908330.88	1218
8042728	42617	212642	71	N	100		25.2	-20.7	4.9	32	57	4	0		-20.7	4.9		396918.31	6908340.18	1217
8042728	42617	212722	71	N	112.5		25.2	-27.3	2.9	42	55	4.23	0		-27.3	2.9		396928.01	6908354.25	1217
8042728	42617	212750	71	N	125		25.2	-16.5	10.1	52	61	4.88	0		-16.5	10.1		396934.78	6908364.8	1218
8042728	42617	212822	71	N	137.5		25.2	-12	12.7	52	58	4.76	0		-12	12.7		396941.49	6908373.24	1217
8042728	42617	212850	71	N	150		25.2	-8.1	14.4	51	56	4.6	0		-8.1	14.4		396949.85	6908383.81	1215
8042728	42617	212922	71	N	162.5		25.2	-7.9	16.3	48	57	4.55	0		-7.9	16.3		396955.91	6908392.61	1215
8042728	42617	212954	71	N	175		25.2	-16.2	9.1	32	59	4.11	0		-16.2	9.1		396965.68	6908405.56	1216
8042728	42617	213026	71	N	187.5		25.2	-22.4	0.2	33	61	4.23	0		-22.4	0.2		396973.3	6908417.26	1217
8042728	42617	213058	71	N	200		25.2	-24.9	-4.9	42	67	4.83	0		-24.9	-4.9		396980.83	6908426.4	1217
8042728	42617	213134	71	N	212.5		25.2	-20.4	-9.6	29	79	5.11	0		-20.4	-9.6		396986.66	6908435.22	1217
8042728	42617	213206	71	N	225		25.2	-0.7	-7.4	37	78	5.24	0		-0.7	-7.4		396992.22	6908443.83	1218
8042728	42617	213242	71	N	237.5		25.2	10.4	-6.3	47	67	5.01	0		10.4	-6.3		397000.14	6908454.07	1218
8042728	42617	213310	71	N	250		25.2	21.7	-8.1	37	73	5	0		21.7	-8.1		397007.25	6908463.46	1219
8042728	42617	213346	71	N	262.5		25.2	33.2	-5.6	47	62	4.77	0		33.2	-5.6		397014.81	6908474.18	1219
8042728	42617	213418	71	N	275		25.2	35.7	-4.4	39	57	4.25	0		35.7	-4.4		397020.44	6908481.66	1219
8042728	42617	213454	71	N	287.5		25.2	32.8	-3.8	46	52	4.26	0		32.8	-3.8		397026.76	6908491.95	1220
8042728	42617	213522	71	N	300		25.2	26.8	-5.6	42	45	3.76	0		26.8	-5.6		397034.25	6908502.31	1221
8042728	42617	213550	71	N	312.5		25.2	15.8	-7.2	83	98	3.89	0		15.8	-7.2		397041.57	6908512.63	1222
8042728	42617	213622	71	N	325		25.2	11	-9	89	85	3.73	0		11	-9		397050.14	6908523.46	1223
8042728	42617	213650	71	N	337.5		25.2	3.7	-9.7	78	103	3.93	0		3.7	-9.7		397058.65	6908534.36	1223
8042728	42617	213718	71	N	350		25.2	-0.9	-8.7	81	92	3.72	0		-0.9	-8.7		397064.86	6908543.07	1224
8042728	42617	213746	71	N	362.5		25.2	-4.4	-8.9	86	95	3.89	0		-4.4	-8.9		397071.46	6908551.41	1225
8042728	42617	213818	71	N	375		25.2	-6.2	-6.7	101	92	4.16	0		-6.2	-6.7		397077.8	6908561.71	1225

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42617	213850	71	N	387.5		25.2	-9	-6	85	100	3.98	0		-9	-6		397085.27	6908570.7	1229
8042728	42617	213930	71	N	400		25.2	-12.5	-6.3	76	102	3.85	0		-12.5	-6.3		397091.15	6908579.04	1228
8042728	42617	213946	71	N	400		25.2	-13.8	-7.4	57	112	3.82	1					397091.45	6908579.14	1228
8042728	42617	214002	71	N	412.5		25.2	-11.9	-6.7	80	95	3.77	0		-11.9	-6.7		397090.9	6908578.4	1227
8042728	42617	214030	71	N	400		25.2	-11.7	-5.5	83	95	3.84	0		-11.7	-5.5		397090.57	6908577.98	1227
8042728	42617	214122	71	N	412.5		25.2	-13.4	-6.4	125	73	4.4	0		-13.4	-6.4		397101.57	6908588.28	1229
8042728	42617	214158	71	N	425		25.2	-15.6	-5.9	63	34	4.37	0		-15.6	-5.9		397110.58	6908596.38	1230
8042728	42617	214234	71	N	437.5		25.2	-16.7	-5.5	60	39	4.36	0		-16.7	-5.5		397119.84	6908602.57	1232
8042728	42617	214318	71	N	437.5		25.2	-16.8	-4.1	53	46	4.29	1					397114.38	6908608.54	1230
8042728	42617	214454	71	N	450		25.2	-20	-3.3	55	47	4.4	0		-20	-3.3		397122.7	6908618.56	1232
8042728	42617	214526	71	N	462.5		25.2	-18.7	-1.8	63	48	4.81	0		-18.7	-1.8		397130.96	6908628.28	1234
8042728	42617	214614	71	N	475		25.2	-12.4	5	56	51	4.64	0		-12.4	5		397139.67	6908636.8	1239
8042728	42617	214646	71	N	487.5		25.2	-15	3.7	44	53	4.22	0		-15	3.7		397146.23	6908647.99	1241
8042728	42617	214718	71	N	500		25.2	-19.3	0	53	46	4.29	0		-19.3	0		397152.58	6908657.91	1240
8042728	42617	214754	71	N	512.5		25.2	-23.5	-1.4	47	54	4.34	0		-23.5	-1.4		397160.78	6908668.71	1243
8042728	42617	214818	71	N	525		25.2	-22.1	0.3	42	60	4.5	0		-22.1	0.3		397167.75	6908678.67	1243
8042728	42617	214842	71	N	537.5		25.2	-15.9	3.9	47	65	4.86	0		-15.9	3.9		397174.94	6908690.58	1241
8042728	42617	214910	71	N	550		25.2	-8.3	6.3	42	66	4.79	0		-8.3	6.3		397183.35	6908702.95	1240
8042728	42617	214926	71	N	550		25.2	-8.7	6.1	42	70	4.97	1					397183.26	6908702.69	1240
8042728	42617	214942	71	N	550		25.2	-7.8	6.4	48	63	4.83	1					397183.28	6908702.98	1240
8042728	42617	215522	73	N	550		25.2	-4.5	8	32	60	4.15	0		-4.5	8		397305.22	6908613.64	1256
8042728	42617	215622	73	N	550		25.2	-3.1	5.9	44	60	4.54	1					397305.41	6908613.73	1256
8042728	42617	215658	73	N	537.5		25.2	-4.7	4.7	32	59	4.08	0		-4.7	4.7		397297.03	6908604.13	1260
8042728	42617	215746	73	N	525		25.2	-8.2	0.5	35	60	4.21	0		-8.2	0.5		397290.89	6908594.15	1263
8042728	42617	215834	73	N	512.5		25.2	-9.4	-5.2	40	56	4.21	0		-9.4	-5.2		397283.75	6908585.34	1259
8042728	42617	215906	73	N	500		25.2	-8.9	-5.2	42	55	4.23	0		-8.9	-5.2		397274.98	6908575.98	1255
8042728	42617	215934	73	N	487.5		25.2	-7	-4.7	43	52	4.12	0		-7	-4.7		397267.58	6908566.41	1251
8042728	42617	220002	73	N	475		25.2	-4.2	-5.1	37	57	4.15	0		-4.2	-5.1		397260.61	6908557.24	1248
8042728	42617	220018	73	N	475		25.2	-4.7	-4.7	36	56	4.07	1					397260.83	6908557.75	1248
8042728	42617	220046	73	N	462.5		25.2	-2.3	-3.4	45	54	4.26	0		-2.3	-3.4		397254.12	6908548.63	1244
8042728	42617	220118	73	N	450		25.2	-3.3	-5	37	57	4.14	0		-3.3	-5		397246.59	6908538.23	1242
8042728	42617	220154	73	N	437.5		25.2	-2	-6.3	44	55	4.31	0		-2	-6.3		397240.18	6908529.1	1239
8042728	42617	220222	73	N	425		25.2	-4.3	-7	33	60	4.21	0		-4.3	-7		397233.45	6908519.3	1237
8042728	42617	220250	73	N	412.5		25.2	-14	-14	37	60	4.29	0		-14	-14		397225.29	6908507.21	1235
8042728	42617	220314	73	N	400		25.2	-12.9	-13.9	36	53	3.94	0		-12.9	-13.9		397219.39	6908497.65	1234
8042728	42617	220338	73	N	387.5		25.2	-11.5	-13.9	39	53	4.03	0		-11.5	-13.9		397211.62	6908487.4	1232
8042728	42617	220406	73	N	375		25.2	-12.9	-18.8	45	52	4.18	0		-12.9	-18.8		397202.07	6908473.79	1230
8042728	42617	220430	73	N	362.5		25.2	-12.5	-21.8	43	51	4.04	0		-12.5	-21.8		397198.56	6908465.58	1230
8042728	42617	220502	73	N	350		25.2	-11.1	-23.3	34	51	3.73	0		-11.1	-23.3		397192.19	6908455.03	1228
8042728	42617	220530	73	N	-12.5		25.2	-9.2	-25.7	34	51	3.75	0		-9.2	-25.7		397186.65	6908446.46	1227
8042728	42617	220602	73	N	-25		25.2	-1.7	-26.3	33	49	3.61	0		-1.7	-26.3		397179.05	6908434.43	1226
8042728	42617	220638	73	N	-37.5		25.2	7.3	-23.2	69	106	3.84	0		7.3	-23.2		397170.06	6908421.01	1224
8042728	42617	220702	73	N	-50		25.2	12.4	-24.1	59	101	3.57	0		12.4	-24.1		397163.91	6908413.46	1223
8042728	42617	220726	73	N	-62.5		25.2	17.6	-23.9	62	100	3.59	0		17.6	-23.9		397157.5	6908404.7	1222
8042728	42617	220758	73	N	-75		25.2	26.5	-21.6	72	105	3.87	0		26.5	-21.6		397150.52	6908394.47	1221
8042728	42617	220842	73	N	-75		25.2	36.2	-18.4	59	105	3.66	1					397142.01	6908380	1221
8042728	42617	220918	73	N	-75		25.2	41.4	-14.1	70	112	4.02	1					397134.45	6908369.15	1221
8042728	42617	221010	73	N	237.5		25.2	49.5	-8.1	92	120	4.59	0		49.5	-8.1		397127.65	6908357.46	1219
8042728	42617	221046	73	N	-12.5		25.2	44.5	-13.6	81	127	4.57	0		44.5	-13.6		397121.26	6908348.51	1219
8042728	42617	221118	73	N	-12.5		25.2	21.8	-17.6	36	73	4.95	1					397114.27	6908338.16	1218
8042728	42617	221150	73	N	200		25.2	20	-12	39	75	5.16	0		20	-12		397106.66	6908328.08	1217
8042728	42617	221210	73	N	200		25.2	21.4	-12.5	33	73	4.89	1					397106.54	6908327.81	1217
8042728	42617	221242	73	N	187.5		25.2	15.8	-9.5	40	77	5.27	0		15.8	-9.5		397100.55	6908317.68	1216
8042728	42617	221314	73	N	175		25.2	12.4	-7.3	31	83	5.38	0		12.4	-7.3		397096.1	6908308.97	1216
8042728	42617	221354	73	N	162.5		25.2	0.5	-6	41	85	5.75	0		0.5	-6		397088.57	6908296.7	1215
8042728	42617	221426	73	N	150		25.2	-10.8	-6.7	46	78	5.52	0		-10.8	-6.7		397081.53	6908286.28	1214
8042728	42617	221502	73	N	137.5		25.2	-26.7	-7.5	42	71	5.02	0		-26.7	-7.5		397075.22	6908277	1214
8042728	42617	221534	73	N	125		25.2	-26.3	-0.9	38	71	4.88	0		-26.3	-0.9		397069.62	6908268.17	1213
8042728	42617	221606	73	N	112.5		25.2	-20.9	5.1	29	70	4.61	0		-20.9	5.1		397064.51	6908259.33	1213
8042728	42617	221642	73	N	100		25.2	-26.6	1.5	41	60	4.43	0		-26.6	1.5		397057.68	6908248.14	1213
8042728	42617	221722	73	N	87.5		25.2	-23.8	2	44	58	4.48	0		-23.8	2		397051.33	6908235.94	1212
8042728	42617	221754	73	N	75		25.2	-17.6	2.9	38	58	4.21	0		-17.6	2.9		397044.72	6908225.09	1212

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
8042728	42617	221826	73	N	62.5		25.2	-10.1	7	29	61	4.12	0		-10.1	7		397037.9	6908214.08	1212
8042728	42617	221858	73	N	50		25.2	-4.5	7.9	33	64	4.39	0		-4.5	7.9		397031.56	6908203.88	1212
8042728	42617	221926	73	N	37.5		25.2	-4.5	5.3	40	58	4.31	0		-4.5	5.3		397025.3	6908194.82	1212
8042728	42617	222014	73	N	25		25.2	-1.2	4.9	41	53	4.09	0		-1.2	4.9		397016.48	6908182.46	1213
8042728	42617	222038	73	N	12.5		25.2	4.5	7	41	57	4.29	0		4.5	7		397010.25	6908173.76	1213
8042728	42617	222106	73	N	0		25.2	8.1	8.9	39	58	4.27	0		8.1	8.9		397004.67	6908165.02	1214
8042728	42617	222138	73	N	12.5		25.2	11.3	10.8	40	65	4.64	0		11.3	10.8		396996.29	6908154.84	1214
8042728	42617	222206	73	N	25		25.2	17.2	13.5	38	69	4.81	0		17.2	13.5		396988.02	6908141.92	1214
8042728	42617	222226	73	N	25		25.2	17	13.1	44	67	4.88	1					396988.73	6908142.01	1213
8042728	42617	222242	73	N	25		25.2	17	12.9	44	66	4.82	1					396988.89	6908142.08	1213
8042728	42617	222738	75	N	0		25.2	-2	14.7	38	61	4.38	0		-2	14.7		397067.67	6908118.34	1206
8042728	42617	222754	75	N	0		25.2	-2.3	14.2	43	64	4.72	1					397067.46	6908117.93	1206
8042728	42617	222826	75	N	12.5		25.2	-5.9	12.2	46	61	4.67	0		-5.9	12.2		397076.33	6908128.48	1206
8042728	42617	222858	75	N	25		25.2	-5.7	15.4	49	59	4.66	0		-5.7	15.4		397084.03	6908138.03	1205
8042728	42617	222926	75	N	37.5		25.2	-7.5	15.3	45	57	4.4	0		-7.5	15.3		397090.61	6908145.48	1205
8042728	42617	222958	75	N	50		25.2	-15.6	12.6	49	53	4.39	0		-15.6	12.6		397097.75	6908155.25	1205
8042728	42617	223030	75	N	62.5		25.2	-21.3	9	46	57	4.45	0		-21.3	9		397104.92	6908166.14	1205
8042728	42617	223110	75	N	75		25.2	-27.2	2.8	41	62	4.55	0		-27.2	2.8		397112.5	6908176.91	1204
8042728	42617	223138	75	N	87.5		25.2	-30.5	-0.8	47	71	5.19	0		-30.5	-0.8		397120.22	6908184.51	1204
8042728	42617	223214	75	N	100		25.2	-7.2	5.7	48	74	5.36	0		-7.2	5.7		397127.21	6908196.6	1204
8042728	42617	223242	75	N	112.5		25.2	-2.8	2.4	24	78	4.97	0		-2.8	2.4		397132.39	6908204.27	1203
8042728	42617	223334	75	N	125		25.2	-3.2	-1.9	39	70	4.88	0		-3.2	-1.9		397142.04	6908217.26	1206
8042728	42617	223402	75	N	137.5		25.2	-9.4	-8	41	68	4.87	0		-9.4	-8		397146.84	6908226.94	1208
8042728	42617	223430	75	N	150		25.2	-13	-13.1	34	70	4.76	0		-13	-13.1		397153.79	6908236.68	1208
8042728	42617	223506	75	N	162.5		25.2	-13	-11.1	53	71	5.42	0		-13	-11.1		397160.78	6908245.25	1208
8042728	42617	223546	75	N	175		25.2	-10.9	-12.2	45	73	5.22	0		-10.9	-12.2		397169.56	6908256.22	1209
8042728	42617	223642	75	N	187.5		25.2	-1.1	-10.3	51	83	5.92	0		-1.1	-10.3		397175.03	6908265.08	1209
8042728	42617	223714	75	N	200		25.2	20.2	-8.6	46	77	5.48	0		20.2	-8.6		397182.75	6908275.85	1210
8042728	42617	223814	75	N	212.5		25.2	19.4	-13.6	42	69	4.92	0		19.4	-13.6		397188.52	6908285.01	1212
8042728	42617	223910	75	N	225		25.2	17.7	-15.1	49	61	4.78	0		17.7	-15.1		397194.47	6908294.94	1212
8042728	42617	223942	75	N	237.5		25.2	22	-13.4	56	62	5.08	0		22	-13.4		397201.75	6908305.6	1213
8042728	42617	224014	75	N	250		25.2	20.6	-13	54	55	4.74	0		20.6	-13		397208.05	6908317.25	1214
8042728	42617	224042	75	N	262.5		25.2	19.7	-13.8	46	54	4.35	0		19.7	-13.8		397215.3	6908324.89	1214
8042728	42617	224126	75	N	275		25.2	17.7	-8.5	60	46	4.59	0		17.7	-8.5		397223.83	6908334.79	1214
8042728	42617	224206	75	N	287.5		25.2	16.4	-5.5	57	45	4.45	0		16.4	-5.5		397230.95	6908345.93	1215
8042728	42617	224238	75	N	300		25.2	13.2	-7.1	50	44	4.1	0		13.2	-7.1		397238.98	6908353.29	1216
8042728	42617	224314	75	N	312.5		25.2	7.8	-9	46	45	3.92	0		7.8	-9		397244.3	6908362.17	1217
8042728	42617	224354	75	N	325		25.2	1.1	-8.4	100	92	4.12	0		1.1	-8.4		397253.87	6908374.27	1217
8042728	42617	224422	75	N	337.5		25.2	-1.3	-7.5	104	91	4.2	0		-1.3	-7.5		397261.9	6908380.27	1217
8042728	42617	224454	75	N	350		25.2	-5.7	-8.5	107	84	4.13	0		-5.7	-8.5		397268.68	6908389.59	1218
8042728	42617	224534	75	N	362.5		25.2	-11.5	-9.2	101	96	4.24	0		-11.5	-9.2		397275.53	6908400.72	1219
8042728	42617	224610	75	N	375		25.2	-16.3	-9.9	84	111	4.23	0		-16.3	-9.9		397281.64	6908410.43	1220
8042728	42617	224642	75	N	387.5		25.2	-18.1	-9.7	108	104	4.55	0		-18.1	-9.7		397289.29	6908420.03	1220
8042728	42617	224718	75	N	400		25.2	-23.6	-11.4	97	107	4.38	0		-23.6	-11.4		397297.05	6908430.3	1223
8042728	42617	224746	75	N	412.5		25.2	-25.8	-10.4	71	124	4.35	0		-25.8	-10.4		397304.78	6908442.57	1223
8042728	42617	224818	75	N	425		25.2	-16.6	-5.6	45	62	4.66	0		-16.6	-5.6		397310.83	6908451.56	1225
8042728	42617	224858	75	N	437.5		25.2	-17.3	-4.7	49	60	4.72	0		-17.3	-4.7		397317.07	6908463	1226
8042728	42617	224946	75	N	450		25.2	-16	-5.1	49	57	4.56	0		-16	-5.1		397322.96	6908471.67	1229
8042728	42617	225018	75	N	462.5		25.2	-14.7	-2	59	54	4.91	0		-14.7	-2		397331.22	6908482.01	1230
8042728	42617	225054	75	N	475		25.2	-13.7	-0.8	47	59	4.62	0		-13.7	-0.8		397340.8	6908492.85	1232
8042728	42617	225126	75	N	487.5		25.2	-15.2	-1.1	50	54	4.52	0		-15.2	-1.1		397347.87	6908501.54	1233
8042728	42617	225158	75	N	500		25.2	-11.9	1.8	53	57	4.79	0		-11.9	1.8		397355.06	6908511.74	1234
8042728	42617	225238	75	N	512.5		25.2	-12.7	2.1	37	65	4.57	0		-12.7	2.1		397361.09	6908521.64	1237
8042728	42617	225254	75	N	512.5		25.2	-13.2	2.8	39	63	4.48	1					397361.33	6908521.53	1236
8042728	42617	225330	75	N	525		25.2	-7.3	6.7	48	60	4.66	0		-7.3	6.7		397367.68	6908530.81	1234
8042728	42617	225450	75	N	537.5		25.2	-10.3	8	39	62	4.47	0		-10.3	8		397375.13	6908542.77	1237
8042728	42617	225522	75	N	550		25.2	-11.6	6.3	48	62	4.76	0		-11.6	6.3		397382.09	6908552.44	1240
8042728	42617	225550	75	N	562.5		25.2	-14.1	6.7	36	65	4.54	0		-14.1	6.7		397386.16	6908560.93	1239
8042728	42617	225606	75	N	562.5		25.2	-14.2	6.2	41	68	4.84	1					397386.03	6908560.88	1239
8042728	42617	225622	75	N	562.5		25.2	-14.4	6.5	41	67	4.81	1					397386.09	6908560.49	1238
1124844	42617	212018	70	N	0		25.2	13.3	3.6	13	48	3.05	0		13.3	3.6		396823.4	6908292.91	1216
1124844	42617	212054	70	N	0		25.2	6.1	2.8	26	88	2.79	1					396823.35	6908292.89	1216

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42617	212118	70	N	0		25.2	16.3	5.2	54	97	3.38	1					396823.31	6908292.85	1216
1124844	42617	212158	70	N	12.5		25.2	8	0.7	45	98	3.28	0		8	0.7		396830.3	6908303.72	1216
1124844	42617	212230	70	N	25		25.2	8.3	1.1	45	96	3.22	0		8.3	1.1		396838.47	6908314.22	1216
1124844	42617	212406	70	N	37.5		25.2	3.3	0.9	51	95	3.28	0		3.3	0.9		396848.76	6908327.59	1215
1124844	42617	212434	70	N	50		25.2	-3.3	-2.7	69	97	3.62	0		-3.3	-2.7		396855.62	6908339.51	1214
1124844	42617	212518	70	N	62.5		25.2	-6.1	-4.5	66	97	3.57	0		-6.1	-4.5		396862.63	6908350.03	1216
1124844	42617	212550	70	N	75		25.2	-11.5	-3.2	67	97	3.59	0		-11.5	-3.2		396868.3	6908361.21	1215
1124844	42617	212622	70	N	87.5		25.2	-7.3	-1.2	82	98	3.88	0		-7.3	-1.2		396877.18	6908369.55	1214
1124844	42617	212650	70	N	100		25.2	-4.7	-0.7	79	98	3.83	0		-4.7	-0.7		396884.79	6908377.07	1215
1124844	42617	212718	70	N	112.5		25.2	11.8	8.5	73	98	3.72	0		11.8	8.5		396890.77	6908387.88	1217
1124844	42617	212746	70	N	125		25.2	14.1	11	64	98	3.55	0		14.1	11		396898.36	6908398	1218
1124844	42617	212818	70	N	137.5		25.2	11.5	10.5	42	98	3.25	0		11.5	10.5		396905.53	6908408.45	1216
1124844	42617	212846	70	N	150		25.2	5.8	6.9	60	98	3.5	0		5.8	6.9		396913.26	6908417.78	1215
1124844	42617	212918	70	N	162.5		25.2	0	4.6	53	98	3.39	0		0	4.6		396921.65	6908426.86	1214
1124844	42617	212950	70	N	175		25.2	-11.3	-2.7	59	98	3.49	0		-11.3	-2.7		396930.17	6908437.81	1214
1124844	42617	213022	70	N	187.5		25.2	-13.4	-1.7	55	98	3.42	0		-13.4	-1.7		396937.05	6908449.04	1215
1124844	42617	213058	70	N	200		25.2	-20	-7.2	48	98	3.33	0		-20	-7.2		396944.98	6908457.49	1215
1124844	42617	213134	70	N	212.5		25.2	-20.7	-11.9	40	98	3.23	0		-20.7	-11.9		396952.2	6908467.93	1218
1124844	42617	213210	70	N	225		25.2	15.4	-14.4	38	98	3.21	0		15.4	-14.4		396960.4	6908477.85	1217
1124844	42617	213238	70	N	237.5		25.2	23.3	-15.7	60	98	3.5	0		23.3	-15.7		396968.42	6908487.97	1218
1124844	42617	213314	70	N	250		25.2	45.4	-16.1	26	98	3.1	0		45.4	-16.1		396972.6	6908499.96	1218
1124844	42617	213346	70	N	262.5		25.2	61.9	-15.2	24	98	3.08	0		61.9	-15.2		396979.39	6908510.43	1216
1124844	42617	213426	70	N	275		25.2	54.3	-8.7	49	98	3.33	0		54.3	-8.7		396984.9	6908521.88	1217
1124844	42617	213458	70	N	287.5		25.2	39.2	-10.5	29	98	3.1	0		39.2	-10.5		396991.55	6908532.14	1218
1124844	42617	213534	70	N	300		25.2	29.3	-16.7	68	92	3.48	0		29.3	-16.7		397001.98	6908543.04	1219
1124844	42617	213606	70	N	312.5		25.2	20.4	-18.8	65	94	3.47	0		20.4	-18.8		397010.05	6908553.52	1220
1124844	42617	213638	70	N	325		25.2	15.5	-16.3	65	91	3.4	0		15.5	-16.3		397017.2	6908561.39	1221
1124844	42617	213710	70	N	337.5		25.2	12.8	-16.5	65	90	3.4	0		12.8	-16.5		397023.44	6908572.04	1222
1124844	42617	213746	70	N	350		25.2	7	-16.7	72	85	3.39	0		7	-16.7		397032.05	6908581.72	1223
1124844	42617	213818	70	N	362.5		25.2	-0.8	-18	72	90	3.5	0		-0.8	-18		397042.23	6908589.61	1223
1124844	42617	213854	70	N	375		25.2	-2.7	-13.6	66	94	3.5	0		-2.7	-13.6		397051.18	6908600.5	1224
1124844	42617	213930	70	N	387.5		25.2	-1.7	-12.8	63	94	3.44	0		-1.7	-12.8		397054.92	6908611.07	1223
1124844	42617	214002	70	N	400		25.2	-5.3	-11.4	63	96	3.48	0		-5.3	-11.4		397062.39	6908621.28	1226
1124844	42617	214030	70	N	412.5		25.2	-8.1	-13	74	95	3.65	0		-8.1	-13		397068.35	6908629.27	1226
1124844	42617	214102	70	N	425		25.2	-15.3	-13.9	63	97	3.51	0		-15.3	-13.9		397077.88	6908640.28	1227
1124844	42617	214134	70	N	437.5		25.2	-15.7	-12.5	78	98	3.81	0		-15.7	-12.5		397082.16	6908651.91	1229
1124844	42617	214202	70	N	450		25.2	-18.3	-11.6	73	98	3.72	0		-18.3	-11.6		397089.09	6908662.27	1230
1124844	42617	214234	70	N	462.5		25.2	-7.6	-5.7	67	98	3.61	0		-7.6	-5.7		397095.1	6908672.91	1230
1124844	42617	214306	70	N	475		25.2	-4.6	-6	61	98	3.52	0		-4.6	-6		397103.27	6908684.15	1230
1124844	42617	214334	70	N	487.5		25.2	-5.2	-6.8	69	98	3.65	0		-5.2	-6.8		397110.31	6908694.25	1230
1124844	42617	214406	70	N	500		25.2	1.3	-5.9	78	98	3.82	0		1.3	-5.9		397117.64	6908705.54	1231
1124844	42617	214438	70	N	512.5		25.2	4.8	-6.5	68	98	3.63	0		4.8	-6.5		397124.96	6908715.45	1231
1124844	42617	214506	70	N	525		25.2	8.1	-0.8	97	99	4.2	0		8.1	-0.8		397131.16	6908725.87	1232
1124844	42617	214546	70	N	537.5		25.2	11.3	-0.7	85	98	3.95	0		11.3	-0.7		397140.03	6908733.92	1234
1124844	42617	214622	70	N	550		25.2	15	1	94	99	4.14	0		15	1		397147.84	6908741.58	1237
1124844	42617	214638	70	N	550		25.2	12	-0.5	72	98	3.71	1					397147.83	6908741.5	1238
1124844	42617	215314	72	N	550		25.2	-15.4	13.5	56	98	3.45	0		-15.4	13.5		397222.25	6908676.2	1243
1124844	42617	215434	72	N	550		25.2	-16.3	9.3	52	98	3.36	1					397222.17	6908676.22	1243
1124844	42617	215534	72	N	537.5		25.2	-19.1	8.2	69	98	3.64	0		-19.1	8.2		397214.48	6908666.54	1245
1124844	42617	215606	72	N	525		25.2	-24.7	4.7	48	98	3.33	0		-24.7	4.7		397207.3	6908655.61	1246
1124844	42617	215638	72	N	512.5		25.2	-24.9	3.2	-8	98	3	0		-24.9	3.2		397203.18	6908644.75	1249
1124844	42617	215710	72	N	500		25.2	-17.1	5	32	97	3.12	0		-17.1	5		397197.99	6908633.44	1251
1124844	42617	215742	72	N	487.5		25.2	-14.9	3.9	38	98	3.2	0		-14.9	3.9		397188.86	6908623.91	1250
1124844	42617	215814	72	N	475		25.2	-4.5	7.9	24	94	2.97	0		-4.5	7.9		397182.28	6908614.39	1250
1124844	42617	215854	72	N	462.5		25.2	-5.5	4.4	31	97	3.1	0		-5.5	4.4		397174.04	6908602.34	1246
1124844	42617	215930	72	N	450		25.2	-5.5	4.3	36	96	3.1	0		-5.5	4.3		397168.38	6908592	1245
1124844	42617	215958	72	N	437.5		25.2	-8.2	0.2	50	91	3.15	0		-8.2	0.2		397161.29	6908582.23	1243
1124844	42617	220034	72	N	425		25.2	-11.2	-1	57	86	3.14	0		-11.2	-1		397152.46	6908573.81	1241
1124844	42617	220106	72	N	412.5		25.2	-10.3	-2.5	58	90	3.25	0		-10.3	-2.5		397144.5	6908563.91	1239
1124844	42617	220134	72	N	400		25.2	-11.6	-4	51	93	3.22	0		-11.6	-4		397136.45	6908556.21	1236
1124844	42617	220202	72	N	387.5		25.2	-6	-3.4	53	89	3.15	0		-6	-3.4		397127.31	6908545.94	1233
1124844	42617	220242	72	N	375		25.2	-4.6	-3.7	68	85	3.32	0		-4.6	-3.7		397119.46	6908534.16	1230

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42617	220310	72	N	362.5		25.2	-2	-6.5	56	96	3.38	0		-2	-6.5		397113.56	6908525.7	1228
1124844	42617	220342	72	N	350		25.2	8.3	-2.3	46	83	2.87	0		8.3	-2.3		397105.84	6908516.26	1227
1124844	42617	220414	72	N	337.5		25.2	11.3	-2.8	38	93	3.07	0		11.3	-2.8		397099	6908503.87	1226
1124844	42617	220446	72	N	325		25.2	16	-3.6	50	94	3.25	0		16	-3.6		397091.9	6908492.7	1226
1124844	42617	220514	72	N	312.5		25.2	16	-7.9	50	97	3.32	0		16	-7.9		397086.35	6908483.48	1225
1124844	42617	220546	72	N	300		25.2	20.6	-9.7	47	93	3.18	0		20.6	-9.7		397082.2	6908472.33	1225
1124844	42617	220622	72	N	287.5		25.2	21.5	-11.9	29	98	3.11	0		21.5	-11.9		397079.52	6908460.33	1224
1124844	42617	220654	72	N	275		25.2	22.6	-9.2	75	89	3.54	0		22.6	-9.2		397067.14	6908455.51	1223
1124844	42617	220722	72	N	262.5		25.2	32.1	-10	61	96	3.47	0		32.1	-10		397056.77	6908447.49	1222
1124844	42617	220802	72	N	250		25.2	43.3	-9	37	99	3.2	0		43.3	-9		397048.56	6908438.06	1220
1124844	42617	220854	72	N	237.5		25.2	39.3	-6.9	64	99	3.59	0		39.3	-6.9		397041.73	6908426.23	1220
1124844	42617	220926	72	N	225		25.2	23	-8.9	10	99	3.02	0		23	-8.9		397031.45	6908418.05	1220
1124844	42617	221058	72	N	212.5		25.2	21.5	-4.2	-34	99	3.18	0		21.5	-4.2		397024.66	6908394.6	1220
1124844	42617	221134	72	N	200		25.2	-4.1	0.1	-19	99	3.06	0		-4.1	0.1		397015.91	6908385.46	1219
1124844	42617	221206	72	N	187.5		25.2	-15.4	11.9	-9	99	3.01	0		-15.4	11.9		397009.37	6908375.33	1218
1124844	42617	221238	72	N	175		25.2	-22.2	15.9	-3	99	3.01	0		-22.2	15.9		397001.81	6908365.17	1217
1124844	42617	221314	72	N	162.5		25.2	-32.8	11.7	19	99	3.06	0		-32.8	11.7		396999.61	6908353.85	1218
1124844	42617	221358	72	N	150		25.2	-44.1	9.3	36	99	3.2	0		-44.1	9.3		396992.76	6908343.37	1218
1124844	42617	221430	72	N	137.5		25.2	-37.1	2.8	56	98	3.43	0		-37.1	2.8		396985.62	6908332.01	1218
1124844	42617	221506	72	N	125		25.2	-22.7	12	48	88	3.05	0		-22.7	12		396976.27	6908325.07	1217
1124844	42617	221534	72	N	112.5		25.2	-23.3	11.1	48	98	3.32	0		-23.3	11.1		396969.74	6908315.19	1217
1124844	42617	221606	72	N	100		25.2	-6.2	19.7	42	98	3.25	0		-6.2	19.7		396960.61	6908305.06	1217
1124844	42617	221638	72	N	87.5		25.2	3.1	21.3	32	97	3.1	0		3.1	21.3		396952.77	6908295.22	1217
1124844	42617	221714	72	N	75		25.2	1.3	17.7	64	96	3.5	0		1.3	17.7		396944.6	6908283.87	1216
1124844	42617	221746	72	N	62.5		25.2	-2.2	12.3	57	97	3.42	0		-2.2	12.3		396936.76	6908273.36	1216
1124844	42617	221814	72	N	50		25.2	-8.8	9.1	47	98	3.3	0		-8.8	9.1		396931.27	6908264.52	1217
1124844	42617	221846	72	N	37.5		25.2	-3.5	8.2	15	99	3.04	0		-3.5	8.2		396928.87	6908253.39	1217
1124844	42617	221918	72	N	25		25.2	2.3	11.8	14	96	2.94	0		2.3	11.8		396921.68	6908241.36	1218
1124844	42617	221954	72	N	12.5		25.2	0	8.4	1	99	3	0		0	8.4		396912.7	6908227.91	1217
1124844	42617	222022	72	N	12.5		25.2	1.5	9.6	17	98	3.03	1					396912.8	6908227.62	1218
1124844	42617	222914	74	N	0		25.2	2.6	4.9	31	99	3.15	0		2.6	4.9		397029.19	6908147.69	1212
1124844	42617	222946	74	N	0		25.2	5.5	9.6	29	99	3.13	1					397029.21	6908147.67	1212
1124844	42617	223510	74	N	12.5		25.2	0	6.6	33	99	3.17	0		0	6.6		397035.93	6908157.66	1211
1124844	42617	223918	74	N	25		25.2	-16.9	1	18	99	3.05	0		-16.9	1		397045.25	6908171.55	1211
1124844	42617	224046	74	N	37.5		25.2	-9	3.9	58	97	3.43	0		-9	3.9		397051.43	6908183.82	1210
1124844	42617	224114	74	N	50		25.2	-20.8	0.7	35	97	3.12	0		-20.8	0.7		397058.22	6908194.02	1210
1124844	42617	224142	74	N	62.5		25.2	-20.2	0.2	56	97	3.41	0		-20.2	0.2		397065.26	6908203.68	1210
1124844	42617	224210	74	N	75		25.2	-33.5	-1.7	45	99	3.3	0		-33.5	-1.7		397076	6908212.6	1210
1124844	42617	224238	74	N	87.5		25.2	-35.2	-4.8	58	99	3.48	0		-35.2	-4.8		397083.22	6908222.44	1210
1124844	42617	224310	74	N	100		25.2	-47.3	-9	15	99	3.04	0		-47.3	-9		397089.33	6908233.77	1210
1124844	42617	224342	74	N	112.5		25.2	-40.1	-12.6	41	99	3.26	0		-40.1	-12.6		397096.21	6908240.49	1209
1124844	42617	224422	74	N	125		25.2	3.1	-2.8	42	99	3.26	0		3.1	-2.8		397099.34	6908252.41	1211
1124844	42617	224450	74	N	137.5		25.2	-14.7	-13.4	-11	99	3.02	0		-14.7	-13.4		397103.52	6908264.16	1211
1124844	42617	224518	74	N	150		25.2	-9.4	-17.2	33	99	3.16	0		-9.4	-17.2		397109.12	6908273.38	1212
1124844	42617	224554	74	N	162.5		25.2	-21.9	-26.2	32	99	3.16	0		-21.9	-26.2		397120.55	6908281.18	1213
1124844	42617	224622	74	N	175		25.2	0.1	-22.5	73	99	3.73	0		0.1	-22.5		397127.69	6908290.83	1213
1124844	42617	224702	74	N	187.5		25.2	19.6	-20.3	67	99	3.62	0		19.6	-20.3		397135.43	6908300.91	1214
1124844	42617	224730	74	N	200		25.2	29.7	-22.9	72	99	3.72	0		29.7	-22.9		397142.79	6908309.51	1215
1124844	42617	224802	74	N	212.5		25.2	38.7	-23.6	49	99	3.35	0		38.7	-23.6		397150.65	6908319.29	1216
1124844	42617	224838	74	N	225		25.2	51.9	-18.1	47	99	3.33	0		51.9	-18.1		397158.08	6908330.44	1216
1124844	42617	224914	74	N	237.5		25.2	50.9	-14.9	53	98	3.4	0		50.9	-14.9		397169.12	6908340.54	1218
1124844	42617	224946	74	N	250		25.2	40.7	-15.1	60	97	3.45	0		40.7	-15.1		397174.35	6908346.03	1217
1124844	42617	225022	74	N	262.5		25.2	33	-20.5	60	88	3.24	0		33	-20.5		397181.43	6908356.74	1218
1124844	42617	225054	74	N	275		25.2	28.7	-19.7	40	97	3.19	0		28.7	-19.7		397190.73	6908366.42	1218
1124844	42617	225126	74	N	287.5		25.2	23.5	-25.4	31	94	3.02	0		23.5	-25.4		397194.27	6908379.04	1220
1124844	42617	225222	74	N	300		25.2	0.1	-29.9	13	81	2.49	0		0.1	-29.9		397200.58	6908390.1	1220
1124844	42617	225250	74	N	312.5		25.2	2.1	-25.5	38	90	2.97	0		2.1	-25.5		397209.48	6908398.86	1221
1124844	42617	225322	74	N	325		25.2	-1.9	-23.2	44	95	3.19	0		-1.9	-23.2		397215.13	6908409.7	1222
1124844	42617	225354	74	N	337.5		25.2	-2.8	-22.7	40	97	3.18	0		-2.8	-22.7		397222.69	6908418.99	1224
1124844	42617	225430	74	N	350		25.2	-11.3	-24.4	49	96	3.29	0		-11.3	-24.4		397228.48	6908430.92	1226
1124844	42617	225506	74	N	362.5		25.2	-19.1	-23.8	46	98	3.29	0		-19.1	-23.8		397235.36	6908441.53	1226
1124844	42617	225534	74	N	375		25.2	-22.6	-26.2	51	98	3.37	0		-22.6	-26.2		397241.89	6908450.61	1228

Appendix 6 - Merged VLF-EM Data - Frequency 25.2 kHz

Operator	Date	Time	Line	L.Series	Station	Field Comments	Source Station	IP%	OP%	P(hx)	V(hy)	Sig Strength	25.0 QCFlag	Flip Polarity?	Adj.IP%	Adj.OP%	QC Comments	x_wgs84z8	y_wgs84z8	z
1124844	42617	225606	74	N	387.5		25.2	-29.8	-28	30	98	3.12	0		-29.8	-28		397249.65	6908461.08	1229
1124844	42617	225638	74	N	400		25.2	-31.2	-25.1	54	98	3.42	0		-31.2	-25.1		397254.99	6908473.28	1231
1124844	42617	225706	74	N	412.5		25.2	-15.3	-15.2	62	98	3.54	0		-15.3	-15.2		397262.04	6908483.11	1232
1124844	42617	225738	74	N	425		25.2	-2.5	-8.5	43	99	3.28	0		-2.5	-8.5		397269.68	6908494.8	1233
1124844	42617	225810	74	N	437.5		25.2	-12.7	-6.7	30	99	3.14	0		-12.7	-6.7		397275.5	6908502.7	1235
1124844	42617	225850	74	N	450		25.2	-6.3	-5.1	47	99	3.32	0		-6.3	-5.1		397286.86	6908510.94	1237
1124844	42617	225922	74	N	462.5		25.2	-8.9	-3.4	43	98	3.25	0		-8.9	-3.4		397295.52	6908522.64	1238
1124844	42617	225954	74	N	475		25.2	-4.9	-0.9	38	99	3.21	0		-4.9	-0.9		397298.18	6908533.67	1240
1124844	42617	230030	74	N	487.5		25.2	-3.9	-4.3	45	99	3.3	0		-3.9	-4.3		397304.83	6908543.62	1245
1124844	42617	230106	74	N	500		25.2	-5.5	-3.7	31	99	3.14	0		-5.5	-3.7		397313.04	6908554.18	1246
1124844	42617	230142	74	N	512.5		25.2	-6.6	-3.1	60	99	3.51	0		-6.6	-3.1		397320.81	6908563.06	1249
1124844	42617	230214	74	N	525		25.2	-10.9	-3.5	56	99	3.45	0		-10.9	-3.5		397327.54	6908572.99	1251
1124844	42617	230242	74	N	537.5		25.2	-11.5	-0.3	75	99	3.76	0		-11.5	-0.3		397338.18	6908581.4	1251
1124844	42617	230314	74	N	550		25.2	-18.5	2.1	58	99	3.48	0		-18.5	2.1		397346.82	6908591.05	1250
1124844	42617	230342	74	N	550		25.2	-9.3	3.5	96	99	4.2	1					397346.17	6908591.46	1250