Energy, Mines and Resources Canada | Énergie, Mines et Ressources Canada

This map has been reprinted from a scanned version of the original map. Reproduction par numérisation d'une carte sur papier.

FIGURE 2a

LINE FGP89-1MERGE
S.P. 101 TO 857

I.S.P.G. 1989
BEAUFORT SEA

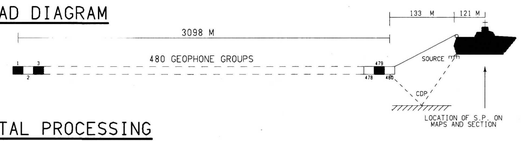
39 DEGREES — DIRECTION SHOT

FINAL STACK

FIELD DATA

VESSEL	:	M/V E.O. VETTER
SHOT BY	:	PARTY NO. 2972
DATE SHOT	:	SEPTEMBER 1989
DATA TYPE	:	SEISMIC REFLECTION
RECORDING SYSTEM	:	FCS (TITAN 1000)
RECORDING FORMAT / DENSITY	:	SEG D - GROUP CODED / 6250 B.P.I.
SAMPLE PERIOD / RECORD LENGTH	:	4 MS / 24.0 S
GAIN CONTROL MODE	:	IFP
GAIN CONSTANT / FINAL GAIN	:	12 / 84 DB
RECORDING FILTERS	:	LOW CUT - 8 HZ @ 18 DB/OCTAVE HIGH CUT 64 HZ @ 72 DB/OCTAVE
TAPE POLARITY	:	INCREASE IN PRESSURE ON HYDROPHONE PRODUCES A NEGATIVE NUMBER ON TAPE AND A DOWNWARD DEFLECTION ON THE FIELD TAPE MONITOR
SEISMIC SOURCE	:	TUNED AIRGUN ARRAY - 4 STRINGS (1900-2000 PSI) 7200 CU IN / 51.2 MS. DELAY)
AVERAGE SOURCE DEPTH	:	12 M
CABLE LENGTH (CENTRE TO CENTRE)	:	3248 M
NUMBER OF GROUPS	:	480
HYDROPHONE TYPE	:	D-2B DISH TYPE
HYDROPHONES PER GROUP / SPACING	:	16 / 0.4 M
SHOTPOINT INTERVAL / GROUP INTERVAL	:	50 M / 6.25 M
MULTIPLICITY	:	30 FOLD
NAVIGATION SYSTEM	:	PRIMARY SYSTEM - SYLEDIS SECONDARY SYSTEM - ARGO

SPREAD DIAGRAM



DIGITAL PROCESSING

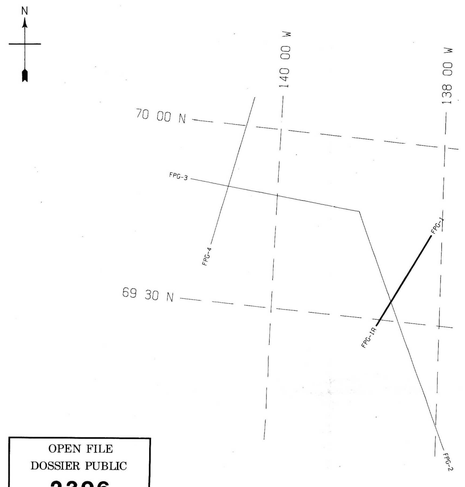
DEMULTIPLEX	:	PROCESSED TO 24.0 S
ADJACENT TRACE SMASH	:	4 : 1
PRE DECONVOLUTION MUTE	:	MUTING OF FIRST BREAK ENERGY
TRUE AMPLITUDE RECOVERY	:	6 DB/S APPLIED FROM 0 TO 3.0
VELOCITY FILTER (SHOT DOMAIN)	:	MAX. FREQ. = 81.25 HZ / DIP ZONE = 10 TO -6 MS/TR
DESIGNATURE	:	STD
VELOCITY FILTER (RECEIVER DOMAIN)	:	MAX. FREQ. = 81.25 HZ / DIP ZONE = 10 TO -6 MS/TR PLUS SPHERICAL DIVERGENCE CORRECTION
VELOCITY ANALYSIS (30 FOLD)	:	ANALYSIS AT 2.0 KM INTERVALS FOR STACK
NORMAL MOVEOUT CORRECTIONS	:	SEE STACK SECTION HEADER FOR VELOCITIES
COMMON DEPTH POINT STACK	:	TYPE/FOLD = STRAIGHT / 30 FOLD
TIME/SPACE VARIANT FILTER	:	FREQUENCIES KNEETIME (HZ) (MS) 0, 8/15,24 0 WATER BOTTOM REFERENCED
TIME/SPACE VARIANT SCALING	:	TYPE/START TIME = FLATTVS/-10 MS GATE LENGTH = 500 MS DATUM = WATER BOTTOM
DISPLAY SCALE	:	EVERY 4TH TRACE PLOTTED

DISPLAY

HORIZONTAL SCALE	-	20.000 TR/CM 20.000 TR/KM
VERTICAL SCALE	-	2.50 CM/SEC
POLARITY	-	NORMAL
TRACE TYPE, BIAS	-	WTVAR, -30 PERCENT
DATUM	-	SEA LEVEL
DISPLAY UNIT	-	0.677332 CM

DISPLAY GAIN (INPUT)

CDP	ALL
GAIN DB	TIME MSEC
-84.9	0



OPEN FILE
DOSSIER PUBLIC
2396
GEOLOGICAL SURVEY
COMMISSION GÉOLOGIQUE
OTTAWA

BEAUFORT SEA 1989

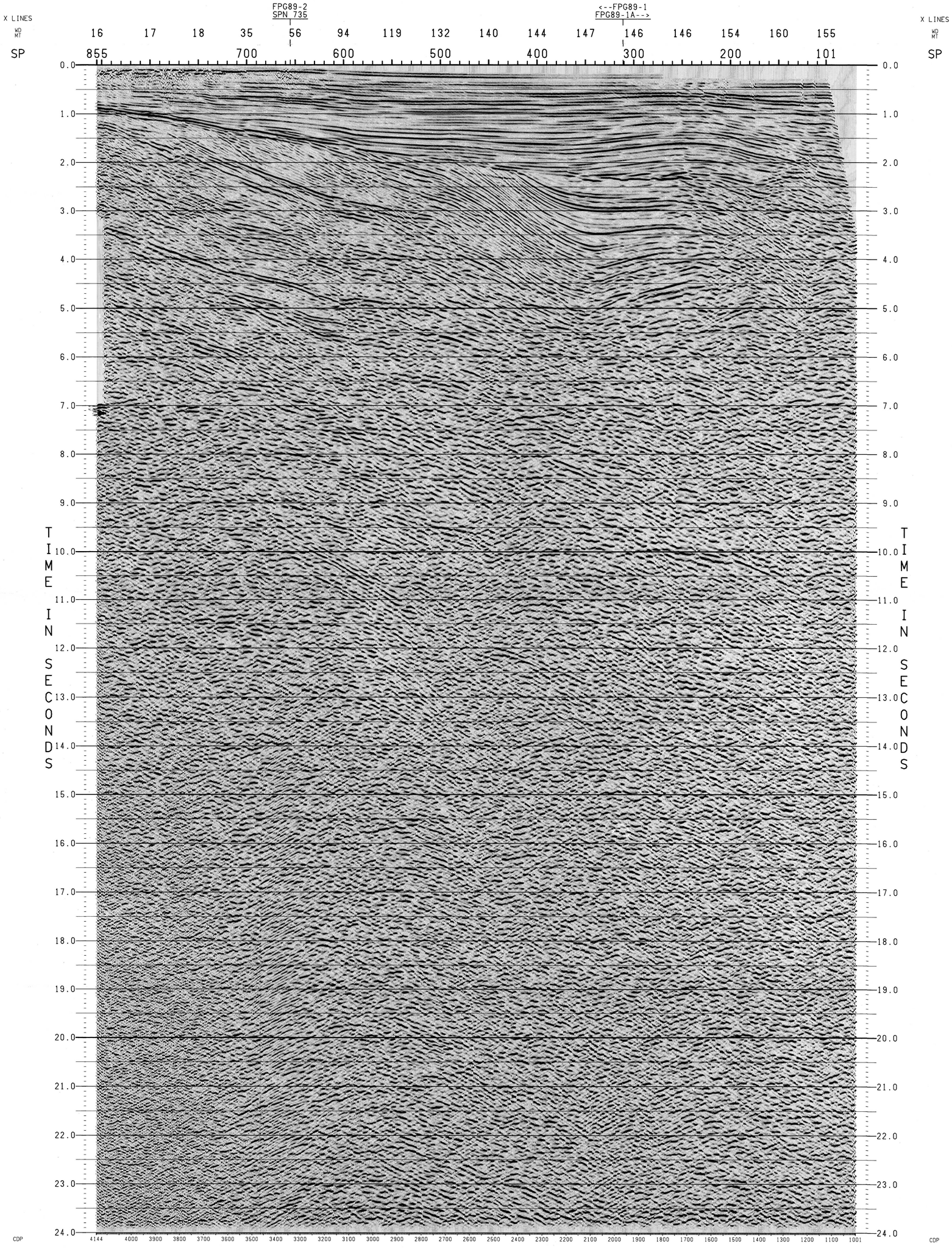
24 APR 1990
13:01:56

6402/130352

HALLIBURTON GEOPHYSICAL SERVICES, INC.

PROCESSING CHECKED BY - .....

CDP / SPN	3712 / 747			3392 / 667			3072 / 587			2752 / 507			2432 / 427			2112 / 347			1792 / 268			1441 / 180			1121 / NULL		
TIME MSEC	VRMS MT/SEC	INTVEL MT/SEC	TIME MSEC	VRMS MT/SEC	INTVEL MT/SEC	TIME MSEC	VRMS MT/SEC	INTVEL MT/SEC	TIME MSEC	VRMS MT/SEC	INTVEL MT/SEC	TIME MSEC	VRMS MT/SEC	INTVEL MT/SEC	TIME MSEC	VRMS MT/SEC	INTVEL MT/SEC	TIME MSEC	VRMS MT/SEC	INTVEL MT/SEC	TIME MSEC	VRMS MT/SEC	INTVEL MT/SEC	TIME MSEC	VRMS MT/SEC	INTVEL MT/SEC
23	1480	1722	51	1480	1787	111	1480	1734	173	1480	1841	153	1480	1989	200	1480	1964	205	1480	1909	212	1480	1916	212	1480	1924
402	1709	1987	483	1757	2029	616	1691	2157	828	1771	2412	745	1895	2286	874	1864	2377	821	1811	2312	756	1804	2220	768	1812	2326
746	1842	2179	908	1889	2410	1069	1902	2703	1422	2063	3004	1464	2096	3049	1578	2108	3017	1439	2041	2983	1353	1998	2898	1442	2068	3028
1186	1970	3193	1438	2096	3310	1561	2186	3457	1916	2342	3228	1987	2384	3071	2035	2343	3983	2079	2371	3237	2181	2380	3651	2386	2492	3518
1707	2425	3431	1934	2465	3936	2044	2544	3994	2420	2552	3568	2459	2933	4141	2343	2598	3775	2486	2533	3167	2811	2717	3636	2810	2672	3897
2090	2638	3794	2351	2783	3967	2468	2846	4036	2863	2734	3811	2876	3137	4147	2951	2881	3894	2911	2635	3253	3209	2947	3817	3173	2939	4420
2592	2898	3948	2874	3033	4294	2868	3040	4018	3392	2928	4182	3438	3323	4316	3584	3084	4035	3380	2729	4179	3685	2990	4053	3595	3067	4847
3205	3126	4471	3618	3300	4232	3602	3238	4411	3816	3125	5535	3976	3474	4681	4186	3238	4178	4049	3017	5180	4330	3173	4517	4393	3458	5090
3770	3362	4934	4150	3458	4241	4176	3455	4931	4425	3488	6033	4566	3636	4835	4905	3392	4491	4633	3367	5121	5017	3387	4961	5198	3758	5622
4700	3726	5402	4830	3530	5402	4886	3706	5401	4995	3864	5403	5216	3805	5400	5488	3525	5402	5700	3758	5401	5813	3641	5402	6000	4057	5406
6700	4295	6501	6834	4227	6501	6801	4271	6500	7016	4363	6500	7232	4310	6501	7493	4112	6502	7700	4246	6501	7817	4164	6501	8000	4431	6503
9000	4963	6703	9139	4901	6718	9218	4927	6735	9340	4981	6500	9550	4932	6170	9799	4783	6785	10000	4868	6901	10121	4797	6803	10300	4969	6902
11500	5382	6703	11696	5351	8102	11841	5380	8103	12021	5426	8101	12274	5394	8102	12658	5288	8100	12800	5344	8102	12926	5297	8103	13100	5413	6902
15000	6125	8100	15128	6085	8102	15218	6090	8103	15334	6104	8101	15506	6059	8102	15702	5958	8100	15867	5977	8100	15999	5939	8101	16167	6016	8102
18500	6546	8103	18680	6506	8101	18694	6501	8099	18846	6504	8102	18738	6457	8101	18846	6366	8102	18934	6369	8104	19072	6337	8102	19234	6394	8101
22000	6816	8100	21992	6779	8102	21970	6772	8104	21958	6769	8101	21969	6724	8101	21990	6642	8102	22000	6638	8104	22144	6610	8102	22300	6656	8103
26000	7139	8704	26000	7109	8700	26000	7105	8700	26000	7104	8702	26000	7067	8702	26000	6999	8701	26000	6995	8701	26000	6960	8702	26000	6983	8702



FINAL STACK
LINE FGP89-1MERGE
S.P. 101 TO 857
I.S.P.G. 1989
BEAUFORT SEA