

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

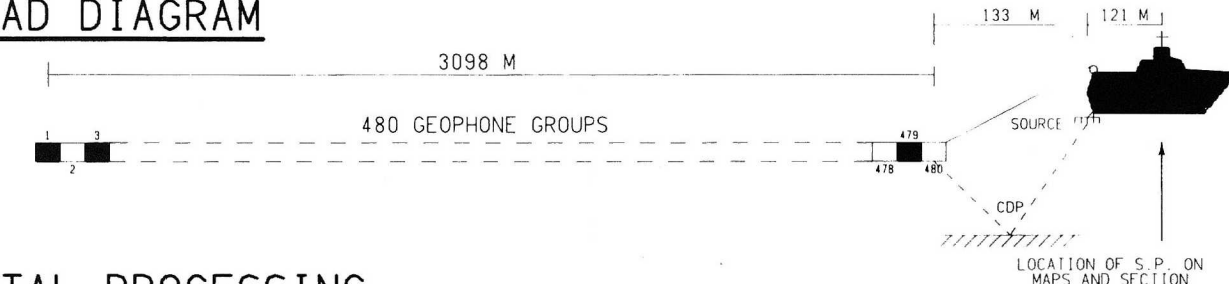
I.S.P.G. 1989
BEAUFORT SEA



FIELD DATA

VESSEL : M/V E.O. VETTER
 SHOT BY : PARTY NO. 2872
 DATE SHOT : SEPTEMBER 1989
 DATA TYPE : SEISMIC REFLECTION
 RECORDING SYSTEM : FCS (ITTAN 1000)
 RECORDING FORMAT / DENSITY : SEG D - GROUP CODED / 6250 B.P.I.
 SAMPLE PERIOD / RECORD LENGTH : 4 MS / 24.0 S
 GAIN CONTROL MODE : ITF
 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-28 DISH TYPE
 HYDROPHONES PER GROUP / SPACING : 18 / 0.4 M
 SHOTPOINT INTERVAL / GROUP INTERVAL : 60 M / 6.25 M
 MULTIPLICITY : 30 FOLD
 NAVIGATION SYSTEM : PRIMARY SYSTEM - SYLEDIS
 SECONDARY SYSTEM - ARGO

SPREAD DIAGRAM



DIGITAL PROCESSING

DEMULTEX : 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. + 81.26 HZ / DIP ZONE + 10 TO -6 MS/TR
 DESIGNATURE : STD
 VELOCITY FILTER (RECEIVER DOMAIN) : MAX. FREQ. + 81.26 HZ / DIP ZONE + 10 TO -6 MS/TR
 PLUS SPHERICAL DIVERGENCE CORRECTION
 ANALYSIS AT 2.0 KM INTERVALS FOR STACK
 SEE STACK SECTION HEADER FOR VELOCITIES
 TYPE/FOLD = STRAIGHT / 30 FOLD
 FREQUENCIES : KNEETIME
 (HZ) (MS)
 0.8/15.24 0
 WATER BOTTOM REFERENCED
 TYPE/START TIME = FLATTVS/-10 MS
 GATE LENGTH = 500 MS
 DATUM = WATER BOTTOM
 TIME/SPACE VARIANT FILTER : EVERY 4TH TRACE PLOTTED

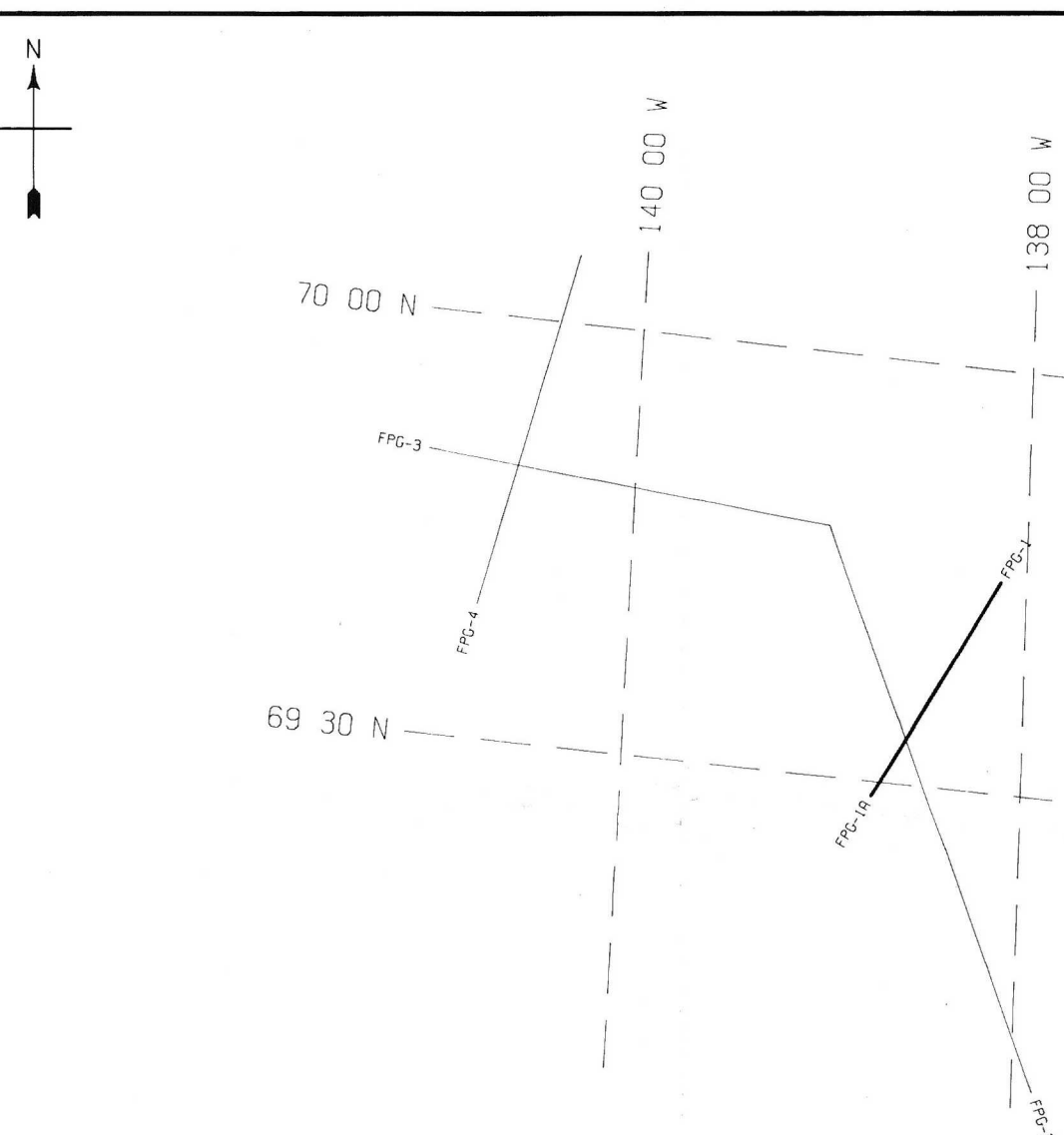
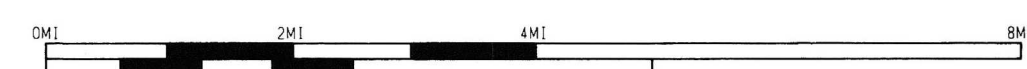
TIME/SPACE VARIANT SCALING

TIME/SPACE VARIANT SCALING : EVERY 4TH TRACE PLOTTED

DISPLAY SCALE

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

DISPLAY GAIN	
INPUT	OUTPUT
CDP	ALL
DB	MSDC
84.9	5



OPEN FILE
 DOSSIER PUBLIC
2396
 GEOLOGICAL SURVEY
 COMMISSION GEOLOGIQUE
 OTTAWA

BEAUFORT SEA 1989

24 APR 1990
 13:01:56



6402/130352

HALLIBURTON GEOPHYSICAL SERVICES, INC.

PROCESSING CHECKED BY -

FIGURE 2c

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