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

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FIGURE 4a

LINE FGP89-3
S.P. 101 TO 1682

I.S.P.G. 1989
BEAUFORT SEA

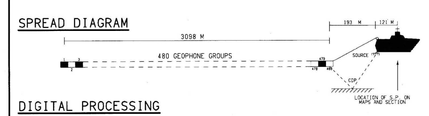
30 DEGREES — DIRECTION SHOT

FINAL STACK

FIELD DATA

VESSEL	: M/V C.D. VETTER
SHOT BY	: PARTI NO. 3972
DATE SHOT	: SEPTEMBER 1989
SHOT LOCATION	: SEE SHOT LOCATION
RECORDING SYSTEM	: DFS III/DAR 1000/2
RECORDING FORMAT / DENSITY	: SEG D - GROUP CODED / 6250 B.P.I.
SAMPLE INTERVAL / RECORD LENGTH	: 2 ms / 16.0 S
SAMPLE FILTER	: OUT
GAIN CONSTANT / FINAL GAIN	: 12 / 64 DB
RECORDING FILTERS	: HIGH CUT 48 HZ @ 18 DB/OCTAVE HIGH CUT 48 HZ @ 72 DB/OCTAVE
TAPE POLARITY	: INCREASE IN PRESSURE ON HYDROPHONE PRODUCES NEGATIVE NUMBERS ON TAPE (SEG POLARITY) DEFLECTION ON THE FIELD TAPE MONITOR
SEISMIC SOURCE	: TUNED AIRGUN ARRAY - 4 STRINGS
AVERAGE SOURCE DEPTH	: 12 - 2000 PSI / 7200 CU IN / 51.3 MS. DELAY)
CABLE LENGTH (CENTRE TO CENTRE)	: 3248 M
GROUP INTERVAL	: 25 M
HYDROPHONE TYPE	: B-DB DISK TYPE
HYDROPHONES PER GROUP / SPACING	: 16 / 0.4 M
GROUP INTERVAL / GROUP INTERVAL	: 25 M / 25 M
MULTIPLICITY	: 50-FOLD
NAVIGATION SYSTEM	: PRIMARY SYSTEM - SYLEDIS SECONDARY SYSTEM - MRDS

SPREAD DIAGRAM



DIGITAL PROCESSING

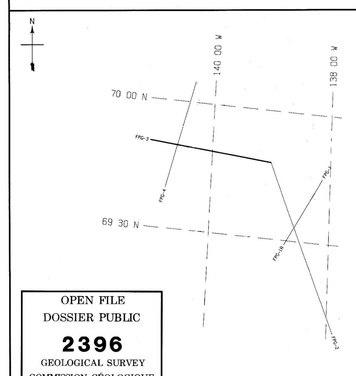
DEMULTIPLEX	: PROCESSED TO 16.0 S
ADDITIONAL TRACE SWEAR	: 0
ADDITIONAL TRACE DATA	: MUTING OF FIRST BREAK ENERGY
TRUE AMPLITUDE RECOVERY	: B-DB/S APPLIED FROM 0 TO 3.0 S
DESPIKE/DEBLIP (TIME DOMAIN)	: MAX. FREQ. - 81.25 HZ / DIP ZONE - 10 TO -8 MS/TR
DESPIKE/DEBLIP	: OUT
VELOCITY FILTER (RECEIVER DOMAIN)	: MAX. FREQ. - 81.25 HZ / DIP ZONE - 10 TO -8 MS/TR REJECTION VELOCITY - 1500 M/S
VELOCITY ANALYSIS (CDP FOLD)	: ANALYSIS AT 2.0 KM INTERVALS FOR STATIC
NORMAL MOVEOUT CORRECTIONS	: SEE STACK SECTION HEADER FOR VELOCITIES
COHERENCY FILTER (TIME DOMAIN)	: FREQUENCIES - 5/10/40/50 HZ FOR FOLD
TIME/SPACE VARIANT FILTER	: FREQUENCIES - 5/40/50 HZ TAPER - 1 MS
- - -	: 0.0 - 3.0 SEC WATER BOTTOM REFERENCED
TIME/SPACE VARIANT SCALING	: TYPE/START TIME/ - 0 / 0.0 S TYPE/START TIME/ - PLATFIX/-10 MS DATUM - WATER BOTTOM
DISPLAY SCALE	: EVERY 4TH TRACE PLOTTED

DISPLAY

HORIZONTAL SCALE	: 20.000 TR/CM 20.000 TR/KM
VERTICAL SCALE	: 2.00 CM/SEC
POLARITY	: NORMAL
DISPLAY TYPE, BIAS	: VARIABLE, 30 PERCENT
DATUM	: SEA LEVEL
DISPLAY UNIT	: 0.48933 CM

DISPLAY GAIN

DB	MS
0.0	0.0
12.0	2.0
24.0	4.0

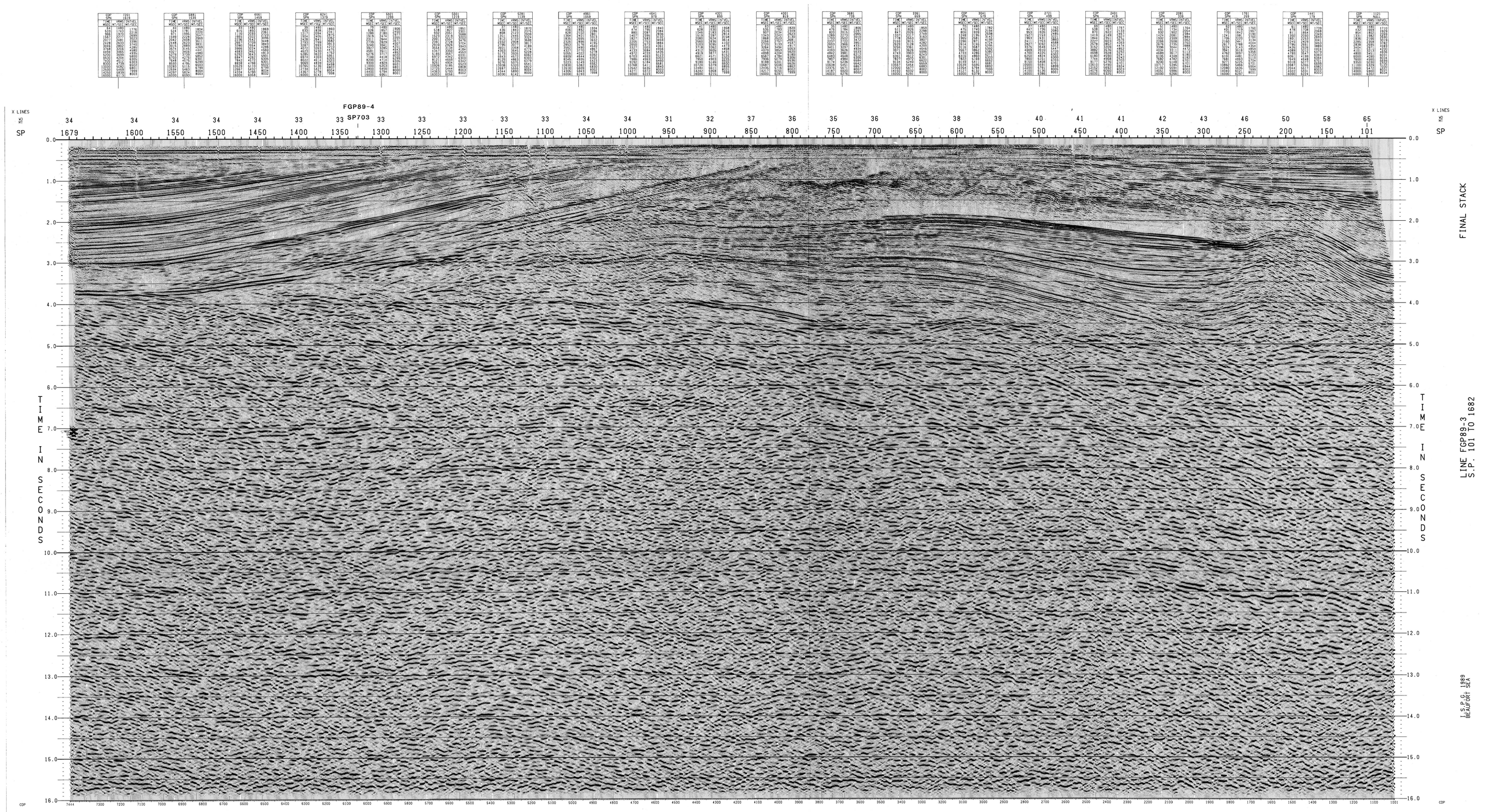


OPEN FILE
DOSSIER PUBLIC
2396
GEOLOGICAL SURVEY
COMMISSION GEOLOGIQUE
OTTAWA

BEAUFORT SEA 1989

03 APR 1990
23:28:13

6402/130352

HALLIBURTON GEOPHYSICAL SERVICES, INC.

PROCESSING CHECKED BY -