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

FIGURE 3d

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

LINE FPG89-2
S.P. 101 TO 1789

I.S.P.G. 1989
BEAUFORT SEA

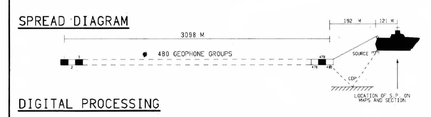
149 DEGREES → ← DIRECTION SHOT

FINAL STACK

FIELD DATA

VESSEL	: M/V C.G. VETTER
SHOT BY	: PARTY NO. 3972
DATE SHOT	: SEPTEMBER 1989
DATE PROCESSED	: MAY 1990 - HGS/CGN
RECORDING SYSTEM	: FDS FITAN 3000
RECORDING FORMAT	: SEG D - GROUP CODED / 4358 B.P.I.
RECORDING DENSITY	: 1600 / 20.5 S
DATA CONTROL MODE	: IVP
DATA CONSTANT / FINAL DATA	: 16 / 64 DB
RECORDING FILTERS	: HIGH CUT 64 HZ @ 18 DB/OCTAVE HIGH CUT 64 HZ @ 18 DB/OCTAVE
TAPE POLARITY	: INCREASE IN PRESSURE ON HYDROPHONE PRODUCES NEGATIVE ON THE FIELD TAPE MONITOR DEFLECTION ON THE FIELD TAPE MONITOR
SEISMIC SOURCE	: TUNED AIRGUN ARRAY (3 STRINGS) TOTAL 1500 PSI / 700 CU.IN / 51.2 MS. DELAY)
AVERAGE SOURCE DEPTH	: 12.0 M
AVERAGE RECEIVER DEPTH	: 12.0 M
NUMBER OF SPONSORS	: 4444
HYDROPHONE TYPE	: 0.28 DISH TYPE
HYDROPHONE / POD GROUP / SPACING	: 12 / 2.5 M
SHOTPOINT INTERVAL / GROUP INTERVAL	: 50 M / 6.25 M
MULTIPLES	: 12 FOLD
NAVIGATION SYSTEM	: PRIMARY SYSTEM - SYLEDIS SECONDARY SYSTEM - ARGO

SPREAD DIAGRAM



DIGITAL PROCESSING

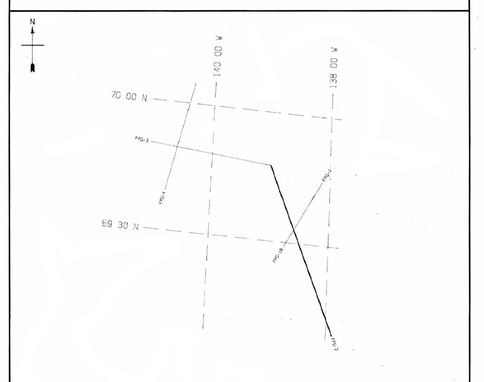
DEMULTIPLEX	: PROCESSED TO 25.5 S
RECEIVER TRACE SMASH	: 4
PRE DECONVOLUTION MUTE	: MUTING OF FIRST BREAK ENERGY
DECONVOLUTION / SHOT DOMAIN	: 160 MS. OPERATOR / 8 MS. GAP / 1 TRACE
VELOCITY FILTER (SHOT DOMAIN)	: MAX FREQ. - 8/25 HZ / D/P ZONE - 8 TO -6 MS/TR
DESIGNATURE	: NIL
VELOCITY FILTER (RECEIVER DOMAIN)	: MAX FREQ. - 8/25 HZ / D/P ZONE - 8 TO -6 MS/TR PLUS SPHERICAL DIVERGENCE CORRECTION
VELOCITY ANALYSIS (30 FOLD)	: ANALYSIS AT 2.5 KM INTERVALS FOR SIXTEEN PLUS SPHERICAL DIVERGENCE CORRECTION
NORMAL MOVEOUT CORRECTIONS	: SEE SPARK SECTION HEADER FOR VELOCITIES
COMMON DEPTH POINT STACK	: 30 FOLD / 25 M CDP INTERVALS
TIME/SPACE VARIANT FILTER	: FREQUENCIES VARIESWM (HZ) (MS)
	: 30 / 1.74 WITH BOTTOM REFERENCED
TIME/SPACE VARIANT SCALING	: START/START TIME - 0/1.0TVS/-18 MS END/END TIME - 25/TVS/-18 MS WITH BOTTOM REFERENCED
TIME/SPACE VARIANT SCALING	: START/START TIME - 0MTSAR END/END TIME - 25MTSAR
DISPLAY SCALE	: 1/24M MS TRACE PLOTTER

DISPLAY

HORIZONTAL SCALE	: 22.220 TR/CM 20.000 TR/KM
VERTICAL SCALE	: 1.00 CM/SEC
POLARITY	: NORMAL
DISPLAY TYPE, BIAS	: VARIABLE AREA / 50 PERCENT
DATUM	: MSL (0.0)
DISPLAY UNIT	: D-KRIGES CM

DISPLAY GAIN

	SHOT	
TWO	TEN	TWO
100 M	1KM	100M



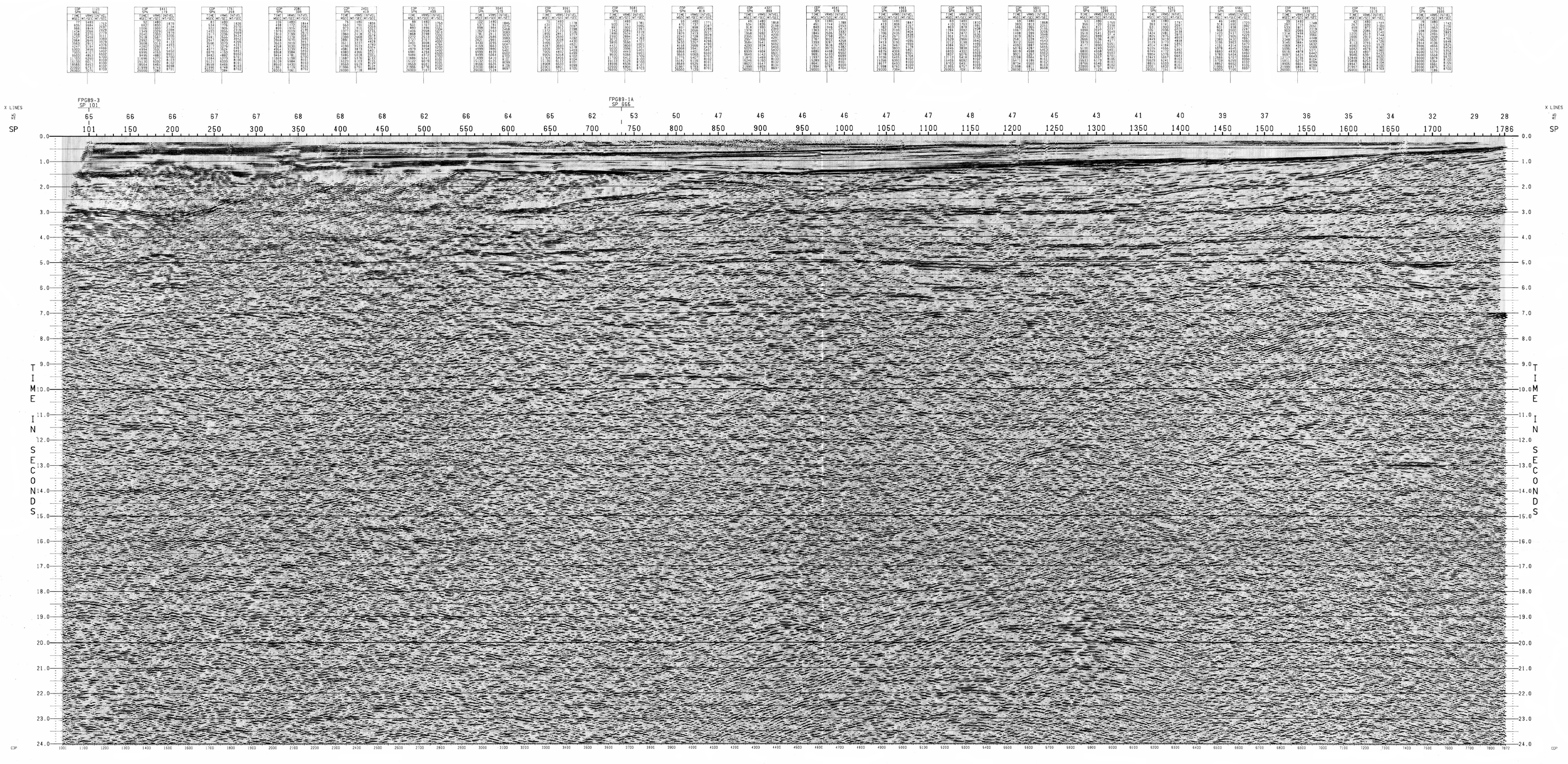
BEAUFORT SEA 1989

21 MAY 1990
12:15:14

6402/102052

HALLIBURTON GEOPHYSICAL SERVICES, INC.

PROCESSING CHECKED BY - JH



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