NW 2307 **LINE G82_60B** 2810 SE

BOAT MOTION →

PL N°864 | STACK 4800%_DBS.TVF | JAN 21 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP
M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... AUG 19 82

INSTRUMENTS
DFS V
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... Low 8 Hz , High 128 Hz
SAMPLING ..... 2 ms

SOURCE
AIRGUN ARRAY
DEPTH ..... 6 m
CAPACITY ..... 2000 in³
SP INTERVAL ..... 25 m

STREAMER
LENGTH ..... 2400 m
DEPTH ..... ± 16.5 m
GROUPS 96
GROUP INTERVAL ..... 25 m

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Windows * 0-2000 ms
2000-4000 ms
VELOCITY ANALYSIS (ANVIT EVERY 3 Km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER
From sea bottom 15 / 65 Hz
One second 10 / 60 Hz
One second after first unconformity 10/50 Hz
Two seconds 8/40 Hz
Three seconds " 6/35 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO W.B.
POLARITY
Geophone compression : negative number on field tape
: white trough on display
TIME ORIGIN M.S.L.
Source and streamer static correction applied + 15 ms
HORIZONTAL SCALE 0.5 Km
..... 80 Traces/km

* C.G.G.'s processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Galvani - 91301 - MASSY - FRANCE