

SW 1030

LINE

G82.19A

565 NE

BOAT MOTION

PL N°738

STACK 4800%. DBS. TVF

DEC 28 82

FIELD RECORDING 4800 %  
Contractor G.S.I.

DIGITAL PROCESSING P5  
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL  
NAVIGATION BY..... SYLEDIS  
SHOOTING DATE..... AUG 20. 82

INSTRUMENTS

DPS II..... 9 tracks 1600 BPI  
FILTER..... Low 8 Hz, High 128 Hz  
SAMPLING..... 2 ms

SOURCE

AIRGUN: ARRAY..... 6 m  
DEPTH..... 2000 m  
CAPACITY..... 25 m  
SP INTERVAL..... 25 m

STREAMER

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

Source 230 m 2375 m  
Position of SP on section

RESAMPLE TO 4 ms  
DEMULPLEX EDT  
TRACE MERGING 5/4 \*  
TRUE AMPLITUDE RECOVERY  
SPHERICAL DIVERGENCE COMPENSATION  
AIRGUN DELAY 51 ms

MUTES  
DECONVOLUTION  
Operation Length 200 ms  
Windows 0 - 2000 ms  
2000 - 4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km)  
NMO CORRECTIONS (Linear interpolation between velocity functions)  
OFFSET DEPENDENT SCALING  
STACK 4800 K  
SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER  
From sea bottom 15 / 65 Hz  
First uniformity 15 / 65 Hz  
One second after first uniformity 10/50 Hz  
Two seconds " " 8 / 40 Hz  
Three seconds " " 6 / 35 Hz

TRACE EQUALIZATION  
ANALOG DISPLAY  
\* TIME ZERO WS

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  
80 Traces/km  
0.5 Km

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

**COMPAGNIE GENERALE DE GEOPHYSIQUE**  
2, Rue Gohier - 93001 - MASTY - FRANCE

AGIP  
SICILY ITALY  
ZONE G  
SCALE 1:50000  
N  
LINES: G82...

82DEC82  
197866  
2 TSD  
1 FILE