

NW 2970

LINE

G82.57B

2451 SE

BOAT MOTION

PL N°855

STACK 4800% DBS.TVF

JAN 19 83

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY..... SYLED5
SHOOTING DATE..... JUNE 29 82

INSTRUMENTS

DFS II
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..... a 16.5 m
GROUPS..... 96
GROUP INTERVAL..... 25 m

Source
26.4 m
2375 m
Position of SP on section

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY: 51 ms
MUTES
DECONVOLUTION
Operator Length: 200 ms
Windows: 2000-4000 ms
VELOCITY ANALYSIS (ANVT EVERY 3km) *
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING *
STACK 4800 %
SHOT AND STREAMER STATIC -15 ms
TIME VARIANT FILTER
From sea bottom: 0.50 Hz
First uncertainty: 12/80 Hz
One second after first uncertainty: 1000 Hz
Two seconds: 8/40 Hz
Three seconds: 6/30 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB
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 Tracks/km
..... 0.5 Km

* CGG's processing code: 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
5, Rue Gabriel - 9300 - MALLY - FRANCE

ACIP
SUCCESSION
ZONE G
SCALE: 1:5000
LINES: G82, G81

142883
197088
8 TSD
1 FILE