

NW 4735

LINE 082-035B

4180 SE

BOAT MOTION ←

PL N°940

STACK 4800% DBS.TVF

FEB 9 83

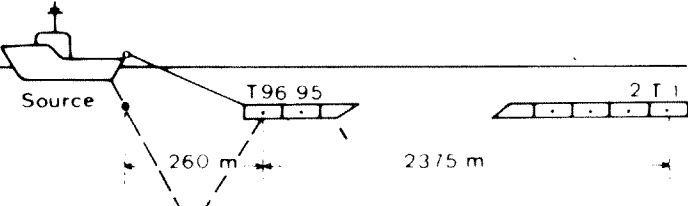
FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP
M/V ARCTIC SEAL
NAVIGATION BY STYLED
SHOOTING DATE AUG 8 83

INSTRUMENTS
GPS W
FORMAT 9 tracks 1600 BPI
FILTER Low 8 Hz - High 128 Hz
SAMPLING 2 ms

SOURCE
AIRGUN ARRAY
DEPTH 6 m
CAPACITY 2000 m³
SP INTERVAL 25 m

STREAMER
LENGTH 2400 m
DEPTH ± 16.5 m
GROUPS 36
GROUP INTERVAL 25 m


Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRACE MERGING 5/4
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

NOTES
DECONVOLUTION
Operator Length 200 ms
Window * * * 0 2000 ms
2000-6000 ms
VELOCITY ANALYSIS (HANTY EVERY 3 ms)
ANMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800%
SHOT AND STREAMER STATIC - 10 ms

TIME VARIANT FILTER
From sea bottom 15-85 Hz
First unconformity 12-80 Hz
One second after first unconformity 10-80 Hz
Three seconds 8-10 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
TIME ZERO MB

POLARITY
Geophone Compression (negative number on field tape)
Printer through on display

TIME ORIGIN 10 1.1
Source and streamer static correction applied - 10 ms

HORIZONTAL SCALE
80 Traces/km

• C.G.S.I. processing code 127-M6-86

 COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Galvani, 93501-MASSEY-FRANCE

