

WSW646

LINE

G82_16

1190ENE

BOAT MOTION

PL N°826

STACK 4800%-DBS-TVf

JAN 19 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY.....SKLEDS

SHOOTING DATE.....AUG 13 82

INSTRUMENTS

DPS 32

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.....1400 m

DEPTH.....a 16.5 m

GROUPS.....96

GROUP INTERVAL.....25 m

Source

2375 m

Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCES COMPENSATION

AIRGUN DELAY 5 ms

MUTES

DECONVOLUTION

Operator length 200 ms

Windows * 2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANUT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER One second after first uncertainty 1000 Hz

Two seconds 800 Hz

Three seconds 600 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression - negative number on land trace

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. processing code 127 MB 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

8 Rue Galvani 91901 MASSY - FRANCE

