

NW5620

LINE

G82.63A

5071SE

BOAT MOTION

PL N°933

STACK 4800% DBS.TVF

FEB 3 83

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

W/V ARCTIC SEAL

NAVIGATION BY.....SILED5

SHOOTING DATE.....AUG 18 82

INSTRUMENTS

DPS "X"

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.....46

GROUP INTERVAL.....25 m

Diagram showing source location and streamer layout.

RESAMPLE TO 4 ms

DEMULTEPLEX EDIT

TRACE MERGING 5/4 F

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window 8" 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS LAMIT EVERY 34 m

WMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC 15 ms

TIME VARIANT FILTER

From sea bottom 15-85 Hz

First uncertainty 12-60 Hz

One second after first uncertainty 1000 Hz

Two seconds 8-60 Hz

Three seconds 6-35 Hz

TRACE EQUALIZATION

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

CCG's processing code 127 M6 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Gutenberg 91201 MASSY - FRANCE

