

BOAT MOTION ←

PL N° 732

STACK 4800% DBS.TVF

DEC 27 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY..... SYLDES

SHOOTING DATE..... AUG 14 82

INSTRUMENTS

DPS X

FORMAT..... 9 Tracks 1800 BPI

FILTER..... Low 8 Hz - High 128 Hz

SAMPLING..... 2 ms

SOURCE

AIRGUN ARRAY..... 6 m

DEPTH..... 2000 m³

CAPACITY..... 25 m

SP INTERVAL..... 25 m

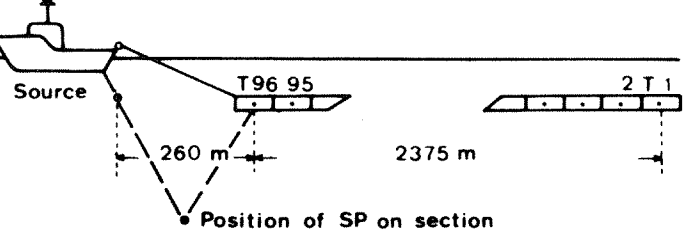
STREAMER

LENGTH..... 2400 m

DEPTH..... 16.5 m

GROUPS..... 96

GROUP INTERVAL..... 25 m



Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 fs

DEMUTIPLEX EDIT

TRACE MERGING 5/1 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

NOTES

Operator Length 300 ms

Windows * 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

WMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 X

SHOT AND STREAMER STATIC -10 ms

RECONVOLUTION

From sea bottom 10-60 Hz

First uniformly 12-60 Hz

One second after first uncertainty 50/50 Hz

Two seconds 8-40 Hz

Three seconds 6-35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression negative number on field tape

* white trough in display

TIME ORIGIN N° 5.1

Source and streamer static correction applied - 15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

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

 COMPAGNIE GENERALE DE GEOPHYSIQUE

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