

WSW

1439

LINE

G82.14

996

ENE

BOAT MOTION

←

PL N° 749

STACK 4800%, DBS.TVF

DEC 29 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE

AUG 14 82

INSTRUMENTS

DYS 3

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

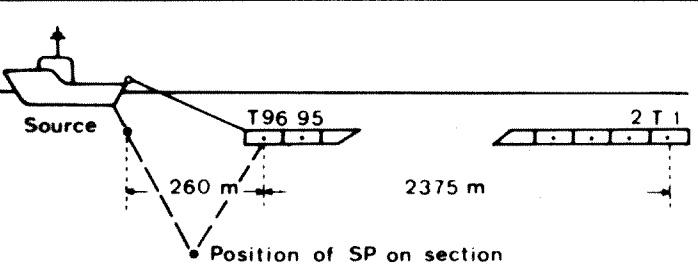
± 16.5 m

GROUPS

46

GROUP INTERVAL

25 m



DIGITAL PROCESSING P5

Sequence in 4 ms

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 4 0 2000 ms

2000 4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km)

NMO 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 / 65 Hz

One second after first uncertainty 10/50 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 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.'s processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

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