

SW1550

LINE

G82.21A

1066NE

PL N° 764

STACK 4800%.DBS.TVF

JAN 4 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLDES

SHOOTING DATE AUG 21 82

INSTRUMENTS

DP5 X

FORMAT 9 tracks 1800 BPI

FILTER Low 8 Hz., High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 m³

SP INTERVAL 25 m

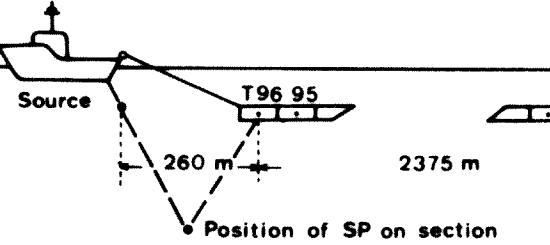
STREAMER

LENGTH 2400 m

DEPTH ± 16.5 m

GROUPS 96

GROUP INTERVAL 75 m



Source

360 m

2375 m

Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MIRRORING 5/1 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

NOTES

DECONVOLUTION

Operator Length 300 ms

Window * 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 Km)

WIND CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC -10 ms

TIME VARIANT FILTER

From sea bottom 15.65 Hz

First uniformity 12 / 60 Hz

One second after first uniformity 50/50 Hz

Two seconds 8 / 40 Hz

Three seconds 6 / 25 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression = negative number on field tape

= white trough on display

TIME ORIGIN M 5.1

Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE

80 Tracks/km

0.2 Km

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

 COMPAGNIE GENERALE DE GEOPHYSIQUE

5, Rue Galvani - 91301 - MASSY - FRANCE

