

NW6390

LINE

G82.65C

5841 SE

BOAT MOTION

←

PL N°743

STACK 4800%. DBS.TVF

DEC 29 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

W/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 9 82

INSTRUMENTS

DPS X

FORMAT 8 tracks 1600 BPI

FILTERS Low 8 Hz - high 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 8 m

CAPACITY 2000 m³

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRACE WIDENING 3.4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows * 200-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 Km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING 80

STACK 4800 K

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

From sea bottom 12/80 Hz

First sea bottom 12/80 Hz

Time variant filter only 12/80 Hz

Two seconds

Three seconds

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WS

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

Source

240 m

2375 m

Position of SP on section

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

1, rue Galvani 93021 MASSY - FRANCE