

WSW

1731

LINE

G82.16

2275

ENE

BOAT MOTION

→

PL N°828

STACK 4800%. DBS.TVF

JAN 19 83

FIELD RECORDING

4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY.....SVLEDS

SHOOTING DATE.....AUG 13 82

INSTRUMENTS

D/S 2

FORMER.....5 TRACKS 1000 SPS

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.....25 m

Source

260 m

2275 m

Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTATEX EDIT

TRACE MERGING 3/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window * 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANUIT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 X

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

First 400 Bottom

First 80 Hz

First 120 Hz

One second after first anconiform 100 Hz

Two seconds

Trace Equalization

ANALOG DISPLAY

* TIME ZERO WE

POLARITY

Geophone compression = negative number on field tape

Curve 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.S. processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

1, Rue Galvani 93501 MASSY - FRANCE

AGIP
SICILY ITALY
ZONE G

0.5 km

LINE G82.....