

SW1575

LINE

G82.30

1086NE

BOAT MOTION

←

PL N°842

STACK 4800%.DBS.TVF

JAN 21 '83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE

JUNE 30 82

INSTRUMENTS

DI 5 X

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

0.16 9 m

GROUPS

96

GROUP INTERVAL

25 m

Source

264 m

2375 m

Position of SP on section

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Gelloni - 91301 - MASSY - FRANCE

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows *

2000-4000 ms

VELOCITY ANALYSIS (ANVT 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

From sea bottom

First uncertainty 12-60 Hz

One second after first uncertainty 100 Hz

Two seconds

Three seconds

TRACE EQUALIZATION

ANALOG DSR 8:1

* 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

0.5 km

80 Traces/km

