

SW 2069

LINE

G82.30

1576 NE

BOAT MOTION

PL N°843

STACK 4800%. DBS.TVF

JAN 21.83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

R/V ARCTIC SEAL

NAVIGATION BY SYLDES

SHOOTING DATE JUNE 30.82

INSTRUMENTS

DPS X

FORMAT 9 tracks 1800 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 u3

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 88

GROUP INTERVAL 25 m

Diagram of ship and streamer position

Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DENALIFIES EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 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 / 60 Hz

First uncorrelated 12 / 60 Hz

One second after first uncorrelated 10/30 Hz

Two seconds " " 8/30 Hz

Three seconds " " 6/30 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

0.5 km

80 Traces/km

CGG's processing code 127. M6.86

COMPAGNIE GÉNÉRALE DE GÉOPHYSIQUE

9, Rue Giscard d'Estaing - 92021 - MASEY - FRANCE

