

SW564

LINE

G82.19A

101 NE

BOAT MOTION

←

PL N°737

STACK 4800% DBS.TVF

DEC 28 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY..... SYLEDIS

SHOOTING DATE..... AUG 20 82

INSTRUMENTS

DFS 3'

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

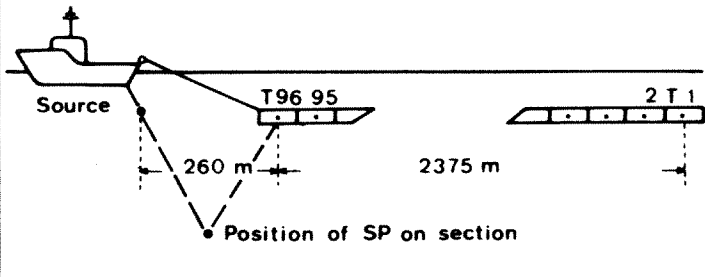
STREAMER

LENGTH..... 2400 m

DEPTH..... ± 16.5 m

GROUPS..... 96

GROUP INTERVAL..... 25 m



DIGITAL PROCESSING P.5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULPLEX EDIT

TRACE MERGING 3/4 F

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Operator 0 - 2000 ms

Window 1 2000-4000 ms

VELOCITY ANALYSIS (LIMIT 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 / 65 Hz

First uncertainty 15 / 60 Hz

One second after first uncertainty 10/20 Hz

Two seconds 8 / 40 Hz

Three seconds 6 / 35 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

80 Traces/km

0.5 km

CGG & processing code 127 M6 BR

COMPAGNIE GÉNÉRALE DE GÉOPHYSIQUE

2, Rue Giffault - 92021 MASSY - FRANCE

