

BOAT MOTION

PL N°709

STACK 4800%-DBS.TVF

DEC 23 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY.....SYLEDIS

SHOOTING DATE.....AUG 15 82

INSTRUMENTS

DP-5 Z

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

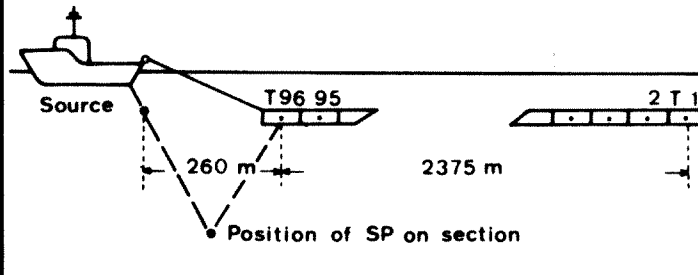
STREAMER

LENGTH.....2400 m

DEPTH.....5 to 16.5 m

GROUPS.....96

GROUP INTERVAL.....25 m



Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRACE MERGING 5/4 *

TIME AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3km) ↓

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 15 to 100 Hz

First uncertainty 12 / 80 Hz

One second after first uncertainty 1000 Hz

Two seconds " " 8/40 Hz

Three seconds " " 6/20 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 Tracks/km

0.5 Km

* C.G.G.'s processing code 127 M6 B6

 COMPAGNIE GENERALE DE GEOPHYSIQUE

A. Rue Gambetta - 91201 - MASSY - FRANCE

