

WSW983

LINE

G82.13

541ENE

BOAT MOTION

←

PL N°733

STACK 4800%.DBS.TVF

DEC 27 82

FIELD RECORDING 4800 %

Contractor G S I

SHIP

MIV ARCTIC SEAL

NAVIGATION BY..... SYLEDIS

SHOOTING DATE..... AUG 14 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 m³

SP INTERVAL..... 25 m

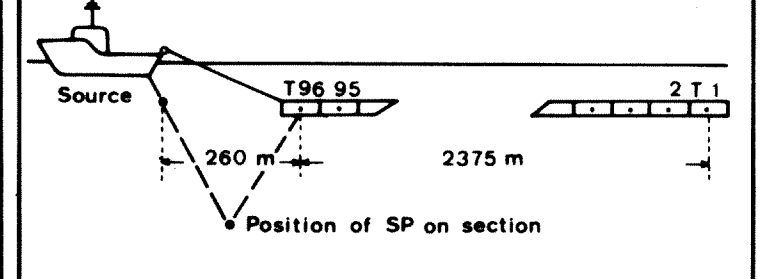
STREAMER

LENGTH..... 2400 m

DEPTH..... ≥ 16.5 m

GROUPS..... 96

GROUP INTERVAL..... 25 m



DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 300 ms

Windows # 0-2000 ms

VELOCITY ANALYSIS (ANVT EVERY 3km)

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 uniformity 12 / 80 Hz

One second after first uniformity 10/50 Hz

Three seconds " " 8/35 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

* C G G's processing code 127 M6 86

 COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Galseni - 91301 - MASSY - FRANCE

