

WSW3910

LINE

G821

3366ENE

BOAT MOTION

←

PL N° 721

STACK 4800% .DBS.TVF

DEC 29 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

MIV ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 13 82

INSTRUMENTS

DTS 2

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

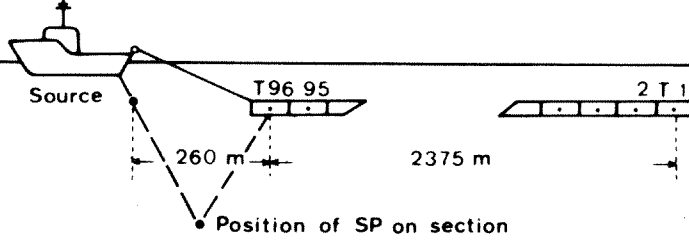
STREAMER

LENGTH 2400 m

DEPTH 18.5 m

GROUPS 96

GROUP INTERVAL 25 m



DIGITAL PROCESSING P5

Sequence in 4 ms

REMAP TO 4 ms

DEMUTEX EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

STACK 4800 %

Windows 9

2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km)

NMO CORRECTIONS (Linear integration between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

From sea bottom 15-65 Hz

TIME VARIANT FILTER

First uniformly 12-80 Hz

One second after first uniformly 8-50 Hz

Three seconds 6-30 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

\* TIME ZERO WB

POLARITY

Seaphone 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 MB 86

 COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Galvani - 91001 MASSY - FRANCE

