

NW

5082

LINE

4736

SE

BOAT MOTION

←

PL N°941

STACK 4800% DBS.TVF

FEB 9 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLÉD5

SHOOTING DATE AUG 8 82

INSTRUMENTS

DFS V

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m

DEPTH 2000 m

SP INTERVAL 25 m

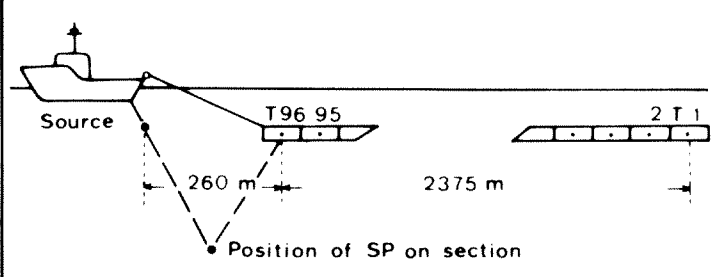
STREAMER

LENGTH 2400 m

DEPTH 5 18 5 m

GROUPS 96

GROUP INTERVAL 25 m



CGU's processing code 127 MS 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

5 Rue Galvani - 91301 MASSY - FRANCE

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTEPLEX EDIT

TRACE MERGING 5/4 \*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 260 ms

Window \* 0 - 2000 ms

2000 - 4000 ms

VELOCITY ANALYSIS (ANVIT 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 12 - 60 Hz

One second after first uncertainty 10 - 50 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.I.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

