

LINE

430

101 SSE

82.08

BOAT MOTION

PL N°728

STACK 4800%.DBS.TVF

DEC 28.82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDS

SHOOTING DATE AUG 15.82

INSTRUMENTS

DPS X 9 tracks 1600 BPI

FORMAT Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m

DEPTH 2000 in<sup>3</sup>

CAPACITY 25 m

SP INTERVAL

STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Source

260 m

2375 m

Position of SP on section

DIGITAL PROCESSING P.5

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 200 ms

Windows # 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 Km)

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 12/80 Hz

First uncertainty 12/80 Hz

One second after first uncertainty 12/50 Hz

Two seconds 8/40 Hz

Three seconds 6/33 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 0.5 Km

80 Traces/Km

\* CGG's processing code 127 M5.06

COMPAGNIE GENERALE DE GEOPHYSIQUE

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