

LINE

520 SSE

PL N°745

STACK 4800%.DBS.TVF

DEC 29 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SHLEDOIS

SHOOTING DATE AUG 15 82

INSTRUMENTS

DFS X

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 ± 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

BOAT MOTION

BOAT MOTION

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULPLEX 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 (XAVIT 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 15 65 Hz

First uncertainty 12 60 Hz

One second after first uncertainty 800 Hz

Two seconds 6 30 Hz

Three seconds 6 30 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Composite compression (negative number on field tape)

Composite white trough on display

TIME ORIGIN W.S.L.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, rue Galvani - 91501 MASSY - FRANCE

