

NW5840

LINE

G82.65C

5286SE

BOAT MOTION

←

PL N°742

STACK 4800% DBS.TVF

DEC 29 82

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY.....SILED5

SHOOTING DATE.....AUG 9 - 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.....46

GROUP INTERVAL.....25 m

Diagram of SP on section

Source

260

2375 m

Diagram of SP on section

Source

260

2375 m

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

NOTES

DECONVOLUTION

Operator Length 200 ms

Window * 0.2000 ms

2000 - 4000 ms

VELOCITY ANALYSIS 1 km/s EVERY 2 km/s

WIND CORRECTIONS (Linear integration 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 15.65 Hz

One second after first uncertainty 8000 Hz

Three seconds 8000 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

TIME ZERO WB

POLARITY

Geophone compression negative number on field tape

white trough on display

TIME ORIGIN N 5.1

Source and streamer static correction applied -15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

* C.G.G.'s processing code 127-M6-86

COMPAGNIE GENERALE DE GEOPHYSIQUE

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