

NNW

101

LINE

G82.02

673

SSE

PL N° 773

BOAT MOTION
OTHER VELOCITIES
STACK 4800% DBS TVF

JAN 4 83

FIELD RECORDING 4800 %
Contractor G.S.I

SHIP

M/V ARCTIC SEAL

NAVIGATION BY 511105

SHOOTING DATE AUG 15 82

INSTRUMENTS

DLS X

FORMAT 9 tracks 1600 BPI

FILTER low 8 Hz, high 128 Hz

SAMPLING 7 ms

SOURCE

AIRGUN ARRAY

DEPTH 8 m

CAPACITY 8000 m

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 4.16 m

GROUPS 96

GROUP INTERVAL 25 m

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms

DENOISE FILTER 200 Hz

TRACE MERGING 2/4

TRACE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

WATER DECONVOLUTION

Operator Length 200 ms

Window 4 0 2000 ms

2000 4000 ms

VELOCITY ANALYSIS (SAVET EVERY 3 ms)

NMO CORRECTIONS (Linear interpolation between)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC 15 ms

TIME VARIANT FILTER

From sea bottom 15 80 Hz

First secondary 0 200 Hz

Second secondary 0 800 Hz

Time domain 0 200 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WE

POLARITY

Geophone compression (negative number on field tape)

White trough on display

TIME ORIGIN M.S.

Source and streamer static correction applied + 10 ms

HORIZONTAL SCALE

80 traces/km

• C.G.G.'s processing code 127 WE 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

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