

NW3415

LINE G82.63A

2861SE

BOAT MOTION

←

PL N°929

STACK 4800% DBS.TVF

FEB 3 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 18 82

INSTRUMENTS

DPS 2

FORMAT 9 Traces/1800 SPT

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 20000 m³

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 180 m

GROUPS 96

GROUP INTERVAL 25 m

Diagram of source and streamer geometry

Source

260 m

2375 m

Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLY EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

ABSCISSA DELAY 31 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 34ms)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 X

SHOT AND STREAMER STATIC <10 ms

TIME VARIANT FILTER (one second after each acquisition 2500ms)

TRACE EQUALIZATION

ANALYSIS 0.000-4.0

* TIME ZERO WD

POLARITY

Geophone compression (negative number on field tape)

White trough on display

TIME ORIGIN M.S.I.

Source and streamer static correction applied <10 ms

HORIZONTAL SCALE

80 Traces/km

0.5 m

Processing code 127 MB 08

COMPAGNIE GENERALE DE GEOPHYSIQUE

1 rue Gutenberg 93501 NOISY LE SEC (FRANCE)