

ZONE G

PL N° 776

LINE G82.01

101 SSE

BOAT MOTION

OTHER VELOCITIES

STACK 4800%.DBS.TVF

JAN 3 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE AUG 14 82

INSTRUMENTS

DPS X

FORMAT 9 tracks 1600 BPI

FILTER Low B.P.F. High 120 Hz

SAMPLING 2 ms

SOURCE

ARGON ARRAY

DEPTH 4 m

CAPACITY 2000 m³

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 18.5 m

GROUPS 80

GROUP INTERVAL 25 m

Diagram of SP on section

CGG's processing code 127 M8 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

4, rue Senequier 92087 PARIS FRANCE

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEINTERLEAVE EDIT

TRACE WERKING 5/4 *

TRAIL AMPLITUDE RECOVERY

SPHERICAL DISTORTION COMPENSATION

ARGON DELAY 51 ms

NOISE

DECONVOLUTION

Operator length 200 ms

Window * 100 2000 ms

2000 4000 ms

VELOCITY ANALYSIS (ANOT EVERY 340)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STRETCH AND SQUEEZE

SHOT AND STREAMER STRETCH 10 ms

Even data bottom 10 80 Hz

Even data bottom 12 80 Hz

One second after first uncertainty (during processing)

Trace equalization

ANALOG OVER 87

* TIME ZERO 80

POLARITY

Geophone (compression = negative number on lead trace)

White trough on display

TIME ORIGIN M S L

Source and streamer static correction applied -10 ms

HORIZONTAL SCALE

0.5 km

0.5 Traces/km

