

NNW

101

LINE

G82-04

435

SSE

BOAT MOTION

PL N°704

STACK 4800%.DBS.TVF

DEC 14 82

FIELD RECORDING 4800 %

Contractor G S I

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE

AUG 14 82

INSTRUMENTS

DPS V

FORMAT

9 tracks 1800 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

Source

196.95

260 m

7375 m

Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 1/4

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 (ANVIT EVERY 34m)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER

From sea bottom 10-85 Hz

First uncertainty 12-80 Hz

One second after first uncertainty 10/50 Hz

Two seconds 8/40 Hz

Three seconds 6/35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

TIME ZERO WB

POLARITY

Geophone compression - negative number on field tape

- white trough on display

TIME ORIGIN M S L

Source and streamer static correction applied - 15 ms

HORIZONTAL SCALE

0.5 Km

80 Traces/km

CGG & processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 91301 MASSY - FRANCE

