

WSW4452

LINE

G82.15

3911ENE

BOAT MOTION

←

PL N°722

STACK 4800%. DBS.TVF

DEC 28 82

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE

AUG 13 82

INSTRUMENTS

DP's 3

FORMAT

9 tracks 1600 BPI

FILTER

Low 8 Hz, High 128 Hz

SAMPLING

2 ms

SOURCE

AIRGUN ARRAY

DEPTH

6 m

CAPACITY

2000 m-l

SP INTERVAL

25 m

STREAMER

LENGTH

2400 m

DEPTH

± 16.5 m

GROUPS

86

GROUP INTERVAL

25 m

RESAMPLE TO 4 ms

DEMULPLEX EDIT

TRACE MERGING 5:1 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MULTIS

DECONVOLUTION

Operator Length 200 ms

Window * 2000 - 2000 ms

VELOCITY ANALYSIS (ANVT EVERY 38 m)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 x

SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER

From sea bottom 15 - 85 Hz

First uniformity 12 - 60 Hz

Two second after first uniformity 1000 Hz

Two seconds

8 - 60 Hz

8 - 30 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO MB

POLARITY

Geophone compression negative number on field tape

Active trough on display

TIME ORIGIN

M 5.1

Source and streamer static correction applied -15 ms

HORIZONTAL SCALE

800 Tracks/km

Source

260 m

2375 m

Position of SP on section

0.5 km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

9, Rue Galvani - 93001 - MARSY - FRANCE

