

NW4520

LINE

G82.63A

3966SE

BOAT MOTION

PL N°931

STACK 4800% DBS.TVF

FEB 3 '83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY

SHOOTING DATE

AUG 18 82

INSTRUMENTS

DPS 12

FORMAT

9 TRACES 1600 BPI

FILTER

Low 8 Hz - High 128 Hz

SAMPLING

2 ms

SOURCE

AIRGUN ARRAY

DEPTH

6 m

CAPACITY

2000 m

SP INTERVAL

25 m

STREAMER

LENGTH

2400 m

DEPTH

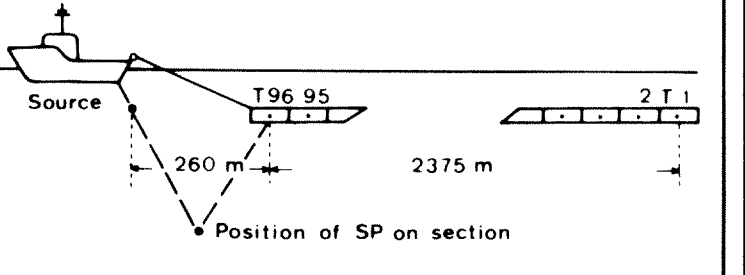
16.5 m

GROUPS

96

GROUP INTERVAL

25 m



Source

260 m

2275 m

Position of SP on section

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MIRRORING 512 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTING

DECONVOLUTION

Operator length 2000 ms

Window * 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANALYT EVERY 39 m)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800%

SHOT AND STREAMER STATIC 15 ms

TIME VARIANT FILTER

From sea bottom 15-60 Hz

First uncertainty 12-60 Hz

Second uncertainty 60-100 Hz

Third uncertainty 100-150 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO MB

POLARITY

Geophone compression negative number on field tape

Source and streamer static correction applied - 15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

* C.G.G.S. processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 93001 MASSY - FRANCE

