

NW4831

LINE

G82-60B

5335 SE

BOAT MOTION

PL N°869

STACK 4800%.DBS.TVF

JAN 21 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY STILEDIS

SHOOTING DATE AUG 19 82

INSTRUMENTS

DFS X

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

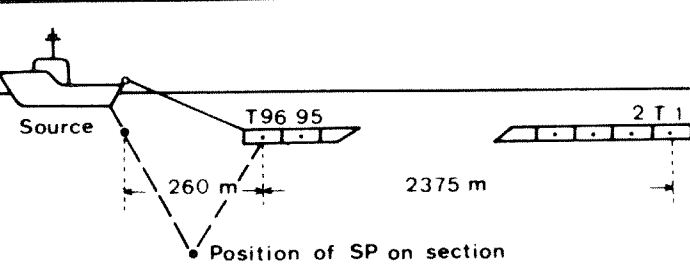
STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 98

GROUP INTERVAL 25 m



Source

260 m

2375 m

Position of SP on section

CGG's processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

Par Gelson 9100 MASTY FRANCE

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 21 ms

MUTES

DECONVOLUTION

Operator length 200 ms

Windows 0.2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)

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 / 65 Hz

First uncertainty 12 / 60 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

80 Traces / km

0.5 km

