

13DEC82
1978066
2 TSD
1 FILE

LNW1254

LINE

G82.12

676 SSE

BOAT MOTION

PL N° 707

STACK 4800% DBS.TVF

DEC 15 '82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDS

SHOOTING DATE AUG 12 '82

INSTRUMENTS

DIS. 2

FORMER 9 tracks 1800 BPT

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 m³

SP INTERVAL 25 m

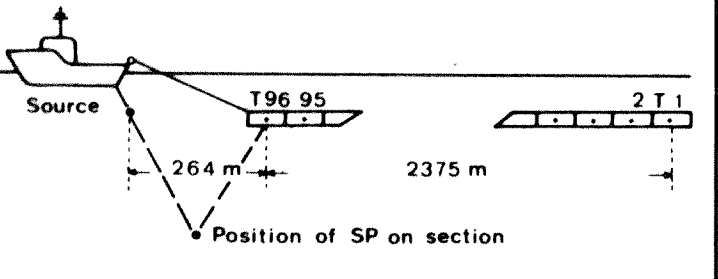
STREAMER

LENGTH 2400 m

DEPTH 18.5 m

GROUPS 96

GROUP INTERVAL 25 m



Source

2375 m

264 m

Position of SP on section

CGG's processing code 127 M6 96

 COMPAGNIE GENERALE DE GEOPHYSIQUE

2, Rue Galvani - 91301 MASSY - FRANCE

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MESSING S/A #

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 31 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows # 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANOUT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800%

SHOT AND STREAMER STATIC 15 ms

TIME VARIANT FILTER

From 80 Hz to 128 Hz

First uncertainty 12.85 Hz

Time seconds 0-6.40 Hz

Time seconds 0-0.25 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO MS

POLARITY

Graphophone compression - negative number on field tape

while trough on display

TIME ORIGIN M.S.L.

Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

21