

SW1195

LINE

G82.2

646

NE

BOAT MOTION

←

PL N°884

STACK 4800%.DBS.TVF

JAN 21 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY.....SYLEDIS

SHOOTING DATE.....AUG 22 82

INSTRUMENTS

DPS 2

FORMAT.....9 tracks 1600 BPI

FILTER.....Low 8 Hz - High 128 Hz

SAMPLING.....2 ms

SOURCE

AIRGUN ARRAY

DEPTH.....6 m

CAPACITY.....2000 m³

SP INTERVAL.....25 m

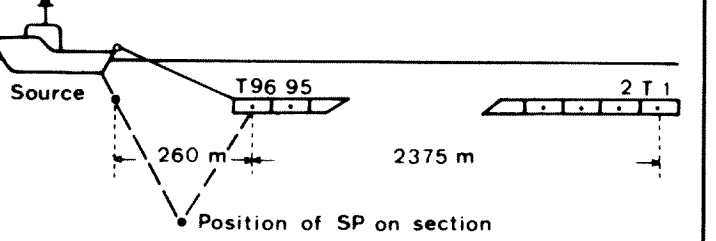
STREAMER

LENGTH.....2400 m

DEPTH.....16.5 m

GROUPS.....96

GROUP INTERVAL.....25 m



DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTEPLEX EDIT

TRACE MERGING 3/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Window 2 2000/4000 ms

VELOCITY ANALYSIS (ANVIT 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 sea bottom 10 60 Hz

First uncertainty 12 60 Hz

One second after first uncertainty 200 Hz

Two seconds 6 35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WS

POLARITY

Dephase 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

CGG's processing code 127 ME 88

 COMPAGNIE GENERALE DE GEOPHYSIQUE

2, Rue Galvani 91301 MASSY - FRANCE

