

SW 1086

LINE G82.31

1575 NE

BOAT MOTION →

PL N°846

STACK 4800%. DBS.TVF

JAN 21 '83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JULY 1 '82

INSTRUMENTS

DPS X

FORMAT 9 tracks 1800 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

Position of SP on section

RESAMPLE TO 4 ms

DEMULPLEX EDIT

TRACE MERGING 2/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

DECONVOLUTION

Operator Length 200 ms

Windows 3000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC 15ms

From sea bottom 15/80 Hz

First uncertainty 12/80 Hz

Time variant filter One second after first uncertainty 1000Hz

Two seconds 8.40 Hz

Three seconds 6.25 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone 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 0.5 km

RD Traces / km

* CGG * processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 93001 - MASSY - FRANCE

