

SICILY
ZONE G

SSW995

LINE G82.78

551NNE

BOAT MOTION ←

PL N°674

STACK 4800%-DBS.TVF

DEC 31 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLVEUS
SHOOTING DATE JULY 4 82

INSTRUMENTS

DFS ✓
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

Source
260 m
2375 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 1/4
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION
Operator Length 200 ms
Windows 0-2000 ms
2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km) ✓
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 X
SHOT AND STREAMER STATIC 15ms
TIME VARIANT FILTER
From sea bottom 15.85 Hz
First uncertainty 12.60 Hz
One second after first uncertainty 1050Hz
Two seconds 8.40 Hz
Three seconds 6.30 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

POLARITY
Geophone compression = negative number on field tape
5 = write trough on display

TIME ORIGIN M 5.1
Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE:
0.5 km
80 Traces/km

• C.G.U.'s processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
A. rue Garneau 9301 - MONTREAL - CANADA

