Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

WNW 101 **LINE G82_93** 565 ESE

BOAT MOTION →

PL N°636 | STACK 4800%.DBS.TVF | DEC 22.82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... JULY 11.82

INSTRUMENTS

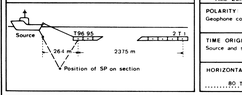
DFS IV
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... Low 8 Hz, High 128 Hz
SAMPLING ..... 2 ms

SOURCE

AIRGUN ARRAY
DEPTH ..... 6 m
CAPACITY ..... 2000 in³
SP INTERVAL ..... 25 m

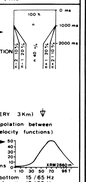
STREAMER

LENGTH ..... 2400 m
DEPTH ..... ≅ 16.5 m
GROUPS 96
GROUP INTERVAL ..... 25 m



DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 5/4 *
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 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER
From sea bottom 15/65 Hz
First unconformity 12/60 Hz
One second after first unconformity 10/50 Hz
Two seconds " " 8/40 Hz
Three seconds " " 6/35 Hz
TRACE EQUALIZATION
ANALOG DISPLAY


0 ms
1000 ms
2000 ms
100 %
50 %
25 %
12.5 %
6.25 %
3.125 %
1.562 %
0.781 %
0.390 %
0.195 %
0.098 %
0.049 %
0.024 %
0.012 %
0.006 %
0.003 %
0.001 %
0.000 %
0.000 %
0.000