

Party : 2903⁺

AGIP S.p.A.

SICILY
ZONE G

S 101

LINE G82.75

525 N

BOAT MOTION →

PL N°617/1

STACK 4800%. DBS.TVF

DEC 23 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY..... SYLEDIS
SHOOTING DATE..... JULY 3. 82

INSTRUMENTS

DFS X
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

Source
264 m
2375 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULPLEX 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 3Kms)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 K
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER
From sea bottom 10 / 65 Hz
First unconformity 12 / 60 Hz
Two seconds after first unconformity 10/50 Hz
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
= 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

* C.G.G.'s processing code 127 M6.86

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