

Party : 2903*

AGIP S.p.A.

SICILY
ZONE G

SW 621

LINE G82.39

1140 NE

BOAT MOTION

→

PL N°593

STACK 4800%. DBS.TVF

DEC 14 '82

FIELD RECORDING 4800 %
Contractor G.S.I

SHIP

M/V. ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE JUNE 22 '82

INSTRUMENTS

DFS 5
FORMAT 9 Tracks 1600 BPI
FILTER Low 8 Hz - High 128 Hz
SAMPLING 2 ms

SOURCE

AIRGUN ARRAY
DEPTH 8 m
CAPACITY 2000 m³
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 3/2*
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

NOTES

DECONVOLUTION
Operator Length 200 ms
Windows 4 0 2000 ms
20000 4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 Km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING 30
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms

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TIME VARIANT FILTER*
0-400 ms 12/60 Hz
900 ms 10/40 Hz
1400 ms 8/40 Hz
2000-6000 ms 6/35 Hz
TARGET

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
0.5 Km
80 Traces/km

* C.G.G. v. processing code 127. M6.86

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