

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

SSW 1605

LINE G82.129

2109 NNE

BOAT MOTION

PL N°257

STACK 4800%.DBS.TVF

OCT 19 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEOS
SHOOTING DATE MAY 26 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 m³
SP INTERVAL 25 m

STREAMER

LENGTH 2400 m
DEPTH 17 m
GROUPS 96
GROUP INTERVAL 25 m

Source

260 m

2375 m

2.71

1.96 95

Position of SP on section

DIGITAL PROCESSING P 5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULIPLIX EDIT
TRACE MERGING 5/4
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIR GUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Window * 0-2000 ms
2000-4000 ms
VELOCITY ANALYSIS (ANVIT EVERY 3 km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING 10
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER 0-1000 ms * 12 81 Hz
2000-5000 ms * 9 48 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB
* * FOLLOWING TARGET
POLARITY
Geophone compression - negative number on field tape
White trough on display - positive reflection coefficient
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 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE

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