

Party: 2903 *

AGIP S.p.A.

SICILY
ZONE G

SSW 337

LINE G82.138A

101 NNE

BOAT MOTION ←

PL N° 230

STACK 4800%.DBS.TVF

OCT 15 '82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE MAY 24 '82

INSTRUMENTS

DFS X
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
T96 95
2375 m
Position of SP on section

DIGITAL PROCESSING P 5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIR GUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Windows * 0-2000 ms
2000-4000 ms

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

TIME VARIANT FILTER
0-1000 ms * 12/65 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
0.5 Km
80 Traces/km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE
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