

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

WNN660

LINE G82.142

1230ESE

BOAT MOTION

PL N°286

STACK 4800%.DBS.TVF

NOV 4 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLDES
SHOOTING DATE JUNE 2 82

INSTRUMENTS

D/S T
FORMAT 9 Tracks 1600 BPI
FILTER Low R. 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
260 m
2375 m
Position of SP on section

DIGITAL PROCESSING P.5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRACE MERGING 5/4
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIR GUN DELAY 51 ms
MUTES

RECONVOLUTION
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 0-1000 ms * 12 / 65 Hz
2000-3200 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

CGG's processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
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