

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

WNW1223

LINE G82.140

660 ESE

BOAT MOTION

PL N° 341

STACK 4800%.DBS.TVF

NOV 10 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P.5
Sequence in 4 ms

SHIP

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

INSTRUMENTS

D/S X
FORMAT 9 tracks 1600 BPI
FILTER Low 8 Hz - High 128 Hz
SAMPLING 2 ms

SOURCE

AIRGUN ARRAY
DEPTH 6 m
CAPACITY 3000 m³
SP INTERVAL 25 m

STREAMER

LENGTH 2400 m
DEPTH 16.5 m
GROUPS 96
GROUP INTERVAL 25 m

Diagram of SP on section

Source

260 m

196.95

2375 m

2.71

RESAMPLE TO 4 ms
DEMULTEPLEX 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 (ANVT 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
2000-5000 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

CGG's processing code 127 M6.86

COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Gellert - 91301 - MASSY - FRANCE

