

Party : 2903

AGIP S.p.A.

SICILY
ZONE G

SW 1161 LINE G82.34 1690 NE

BOAT MOTION →

PL N°556

STACK 4800% DBS.TVF

DEC 9 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

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

INSTRUMENTS

DPS II
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 16.5 m
GROUPS 96
GROUP INTERVAL 25 m

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 3/2
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES
DECONVOLUTION
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 15ms

TIME VARIANT FILTER
0 400 ms 2/50 Hz
900 ms 10/45 Hz
1400 ms 8/45 Hz
2000 ms 8/40 Hz
2600 6000ms 6/35 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
TIME ZERO MB

POLARITY
Geophone compression: negative number on field tape
white trough on display

TIME ORIGIN M 5.1
Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE
80 Traces/km
0.5 km

CGG's processing code 127 M6 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE
2, Rue Galvani - 91301 - MASSY - FRANCE

