

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW2790

LINE G82.27A

2251NE

BOAT MOTION ←

PL N° 797

STACK 4800%. DBS.TVF

JAN 10 '83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY STLEDS
SHOOTING DATE AUG 24 82

INSTRUMENTS

DP-5 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 5.98 ± 0 m
GROUPS 86
GROUP INTERVAL 25 m

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE 10 x 4 ms
DEMUTIPLEX EXT
TRACE MERGING 5/4 *
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 (ANVT EVERY 3km) ▽
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 50 100 200 300 400 500 600 700 800 900 1000
STACK 4800 x
SHOT AND STREAMER STATIC -10ms
Time base uniformity 12 80 Hz
First uniformity 12 80 Hz
Second uniformity 12 80 Hz
Time variant filter One second after first uniformity 1050 Hz
Two seconds 840 Hz
Three seconds 625 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

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

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
2, Rue Galvani - 91001 - MASSY - FRANCE

