

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

SSW 101
599

LINE G82.128

525
703 NNE

BOAT MOTION

PL N°217

STACK 4800%-DBS-TVF

OCT 27 '82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SVLEDS
SHOOTING DATE MAY 27 '82

INSTRUMENTS

DPS 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 17 m
GROUPS 96
GROUP INTERVAL 25 m

Source
280 m
2375 m
Position of SP on section

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

DIGITAL PROCESSING P.S.
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX 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 (ANWIT 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
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

COMPAGNIE GENERALE DE GEOPHYSIQUE
A. rue Gatteau 12001 - MASTY - FRANCE

AGIP
SICILY ITALY
ZONE G

SCALE 0.5 Km

LINE G82

Seismic reflection profile for line G82.128. The vertical axis represents depth in meters, ranging from 0 to 6000. The horizontal axis represents station numbers, ranging from 101 to 703. The profile shows various geological layers and structures, including a prominent high-velocity layer at approximately 1000 meters depth. Several small diagrams are included along the top of the profile, showing different processing stages and parameters.

537