

Party: 2903⁺

AGIP S.p.A.

SICILY
ZONE G

WNW 846

LINE G82.151

476 ESE

BOAT MOTION ←

PL N°448

STACK 4800%.DBS.TVF

NOV 25 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE JULY 24 82

INSTRUMENTS

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

SOURCE

AIRGUN ARRAY
DEPTH 6 m
CAPACITY 2000 in³
SP INTERVAL 25 m

STREAMER

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

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULIPIX EDIT
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 3 km) ▽
NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING → 50%
STACK 4800%
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER { 0-400 ms 12/60 Hz
900 ms 10/45 Hz TARGET
1400 ms 8/45 Hz
2000-6000 ms 6/30 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 0.5 Km
80 Traces/km

Source

T96.95

264 m

2375 m

2.71

Position of SP on section

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

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Geological map of Sicily Zone G. The map shows a grid of seismic lines and station locations. The lines are labeled with numbers 1 through 100. The stations are labeled with numbers 1 through 100. The map includes a north arrow and a scale bar. The title is "AGIP SICILY ITALY ZONE G".

Seismic data plot showing time vs distance. The plot displays seismic traces with various processing parameters. The time axis ranges from 0 to 6000 ms. The distance axis ranges from 846 to 476. The plot includes a title "G82.151" and a scale bar. The plot shows a series of seismic traces with varying amplitudes and frequencies. The traces are labeled with numbers 1 through 100. The plot includes a north arrow and a scale bar. The title is "G82.151".

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