

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

S 480

LINE G82.86

101 N

BOAT MOTION ←

PL N°665

STACK 4800% DBS.TVF

DEC 29 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JULY 11 82

INSTRUMENTS

DPS X

FORMAT 9 tracks 1800 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

ARGON 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

Diagram showing source position and streamer layout with dimensions 260 m and 2375 m.

CGG processing code 127 M6 86

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

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

ARGON DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows * 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km) V

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 X

SHOT AND STREAMER STATIC -15ms

TIME VARIANT FILTER

From sea bottom 15 / 65 Hz

First unconformity 12 / 65 Hz

One second after first unconformity 8 / 65 Hz

Two seconds

Three seconds

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression negative number on field tape

white trough on display

TIME ORIGIN M 5 L

Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

Geological map of Sicily Zone G. The map shows a network of seismic lines with station numbers. A north arrow is present. The map is labeled 'AGIP SICILY ITALY ZONE G' and 'LINES G82'. A scale bar indicates 1000 meters.

Large seismic data plot showing time (0 to 7000 ms) versus distance (480 to 101 km). The plot displays a complex seismic waveform with multiple peaks and troughs. The time axis is on the left, ranging from 0 to 7000 ms. The distance axis is at the top, ranging from 480 to 101 km. The plot is labeled 'G82.86' and '101 N'. A scale bar indicates 0.5 km.

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