

Party : 2903 "

SICILY
ZONE G

SW 101 LINE G82.39 620 NE

BOAT MOTION →

PL N°592 STACK 4800%-DBS.TVF DEC 14 82

SHIP

M/V ARCTIC SEAL

NAVIGATION : BY : SYLEDIS

SHOOTING DATE : JUNE 22 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 : 16.5 m

GROUPS : 96

GROUP INTERVAL : 25 m

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

Window * : 0-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 Km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING → 40

STACK 4800 %

SHOT AND STREAMER STATIC + 15 ms

TIME VARIANT FILTER *

0-400 ms 12/60 Hz

400 ms 10/45 Hz

1400 ms 8/45 Hz

2000 ms 8/40 Hz

3600-6000 ms 6/25 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

Source

254 m

2372 m

Position of SP on section

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

S. REX GUYOT - 91201 - MASSY - FRANCE

Geological map of Sicily Zone G. The map shows a grid of seismic lines and station locations. The lines are labeled with numbers and letters, and the stations are marked with dots. The map includes a north arrow and a scale bar. The title is "SICILY ZONE G" and the company is "AGIP S.p.A.".

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, and the distance axis ranges from 0 to 620 m. The plot includes a title "SICILY ZONE G" and a company logo "AGIP S.p.A.".

Processing parameters:

- 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
- Window * : 0-2000 ms
- 2000-4000 ms
- VELOCITY ANALYSIS (ANVIT EVERY 3 Km)
- NMO CORRECTIONS (Linear interpolation between velocity functions)
- OFFSET DEPENDENT SCALING → 40
- STACK 4800 %
- SHOT AND STREAMER STATIC + 15 ms
- TIME VARIANT FILTER *
- 0-400 ms 12/60 Hz
- 400 ms 10/45 Hz
- 1400 ms 8/45 Hz
- 2000 ms 8/40 Hz
- 3600-6000 ms 6/25 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

169