

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

S1352

LINE G82.82

936N

BOAT MOTION

←

PL N°632

STACK 4800%.DBS.TVF

DEC 17 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JULY 6 82

INSTRUMENTS

DFS X

FORMAT 9 tracks (600 BPI)

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m

DEPTH 2000 m

CAPACITY 2000 m³

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

POSITION ON SECTION

Source

264 m

2375 m

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLEX EDT

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 (ANVIT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 x

SHOT AND STREAMER STATIC 15 ms

TIME VARIANT FILTER

From sea bottom 15/65 Hz

First unconformity 12/60 Hz

One second after first unconformity 10/50 Hz

Two seconds 6/40 Hz

Three seconds 6/35 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

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Gohier - 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, indicating the sequence and location of the seismic profiles. The map includes a north arrow and a scale bar.

Seismic profile plot showing depth (0 to 6000 m) versus distance (1352 to 936 m). The plot displays seismic waveforms with various annotations and scales. The top of the plot shows a series of numbers (1352, 138, 1325, 1300, 235, 1275, 1250, 417, 1225, 1200, 517, 1175, 1150, 554, 1125, 1100, 598, 1075, 1050, 630, 1025, 1000, 658, 875, 850, 629, 936) corresponding to the distance scale. The left side of the plot shows a series of numbers (000, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000) corresponding to the depth scale. The plot includes several small diagrams and annotations, such as "DEMULTIPLEX EDT", "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 (ANVIT EVERY 3 km)", "NMO CORRECTIONS (Linear interpolation between velocity functions)", "OFFSET DEPENDENT SCALING", "STACK 4800 x", "SHOT AND STREAMER STATIC 15 ms", "TIME VARIANT FILTER", "From sea bottom 15/65 Hz", "First unconformity 12/60 Hz", "One second after first unconformity 10/50 Hz", "Two seconds 6/40 Hz", "Three seconds 6/35 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".

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