

Party : 2903⁺

AGIP S.p.A.

SICILY
ZONE G

SSW 101

LINE G82.105

530 NNE

BOAT MOTION

→

PL N°404

STACK 4800% . DBS.TVF

NOV 16 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

NAVIGATION BY ... SYLEDIS

SHOOTING DATE ... JULY 24 82

INSTRUMENTS

DPS II

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

RESAMPLE TO 4 ms

DEMULTIPLY 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 →

STACK 4800 %

SHOT AND STREAMER STATIC + 15 ms

TIME VARIANT FILTER * { 0 - 400 ms 12/80 Hz

800 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 5 L

Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 Km

Source

T96.95

264 m

2375 m

Position of SP on section

* C.G.G. = processing code 1271 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 91301 - MASSY - FRANCE

AGIP
SICILY ITALY
ZONE G

SCALE 100m

LINES G82...

Map showing seismic lines and station locations in Sicily Zone G. The map includes a grid of stations and lines, with a scale bar indicating 100m. The text 'AGIP SICILY ITALY ZONE G' and 'SCALE 100m' are visible. The map shows a complex network of seismic lines and station locations, with a scale bar indicating 100m.

Seismic data plot showing time (0 to 5000 ms) versus distance (0 to 530 km). The plot displays a dense array of seismic traces, with a scale bar indicating 0.5 Km. The text '082-105' is visible at the top left. The plot shows a complex network of seismic traces, with a scale bar indicating 0.5 Km.

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