

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

WNN4055
4424

LINE G82.142

4320
4620 ESE

BOAT MOTION →

PL N°292

STACK 4800% DBS.TVF

NOV 4. 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE JUNE 3 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 20000 m³
SP INTERVAL 25 ms

STREAMER

LENGTH 2400 m
DEPTH 16.5 m
GROUPS 98
GROUP INTERVAL 25 m

Source
280 m
2375 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIR GUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Window * 0-2000 ms
2000-4000 ms
VELOCITY ANALYSIS (ANVIT EVERY 2km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC -15 ms
TIME VARIANT FILTER 2000-10000 ms * 12/65 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB
** FOLLOWING TARGET

Velocity curve graph showing velocity in km/s vs time in ms.

Time variant filter graph showing frequency in Hz vs time in ms.

POLARITY
Geophone compressions negative number on field tape
Whole trough on display positive reflection coefficient

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
s. r. l. - 93001 MASSY - FRANCE

Geological map showing seismic lines G82 and G81. The map includes a north arrow and a scale bar. The area is labeled 'AGIP SICILY ITALY ZONE G'.

Seismic data plot showing TWT (Time-Weighted Time) vs. Distance (km). The plot displays a series of seismic traces with a prominent reflection at approximately 1000 ms TWT. The distance scale ranges from 4055 to 4620 km, and the TWT scale ranges from 0 to 6000 ms.

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