

ZONE G

NW 520 LINE G82.55 101 SE

BOAT MOTION ←

PL N°800 STACK 4800%. DBS.TVF JAN 21 83

FIELD RECORDING 4800 %
Contractor
G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY.....SYLEDIS
SHOOTING DATE.....JUNE 29 82

INSTRUMENTS

DPS X
FORMAT.....9 tracks 1600 BPI
FILTER.....Low 8 Hz - High 128 Hz
SAMPLING.....2 ms

SOURCE

AIRGUN ARRAY
DEPTH.....5 m
CAPACITY.....2000 m³
SP INTERVAL.....25 m

STREAMER

LENGTH.....2400 m
DEPTH.....± 16.5 m
GROUPS.....46
GROUP INTERVAL.....25 m

Source
76.4 m
2375 m
Position of SP on section

RESAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRACE MERGING 1/4
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Windows 0 2000 ms
2000 4000 m/s
VELOCITY ANALYSIS (ANALYTIC EVERY 3 km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER
From sea bottom 10 60 Hz
First unconformity 10 60 Hz
One second after first unconformity 60 90 Hz
Two seconds 60 90 Hz
Trace Equalization
ANALOG DISPLAY
+ LINE 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

CGU s processing code 121 WB 88
COMPAGNIE GENERALE DE GEOPHYSIQUE
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Map showing seismic lines G82 and G81. The map includes a north arrow and a scale bar. The area is labeled 'GROUP SICILY ITALY ZONE G'.

Seismic data plot showing a large-scale geological structure. The y-axis represents depth in meters, ranging from 0 to 8000. The x-axis represents distance in kilometers, ranging from 520 to 101. The plot displays a complex pattern of seismic reflections, indicating various geological layers and structures. A prominent feature is a large-scale anticline or fold structure that is visible across the entire depth range.