Party: 2903* **AGIP S.p.A.**

SICILY
ZONE G

NW 5156 **LINE G82.71A** 5688 SE

BOAT MOTION →

PL N°926 | STACK 4800%.DBS.TVF | FEB 10 83

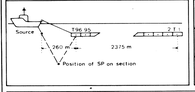
FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP
M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... AUG 11 82

INSTRUMENTS
DFS V
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... Low 8 Hz - High 128 Hz
SAMPLING ..... 2 ms

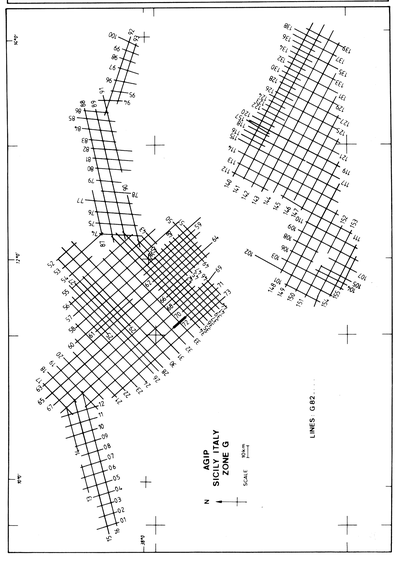
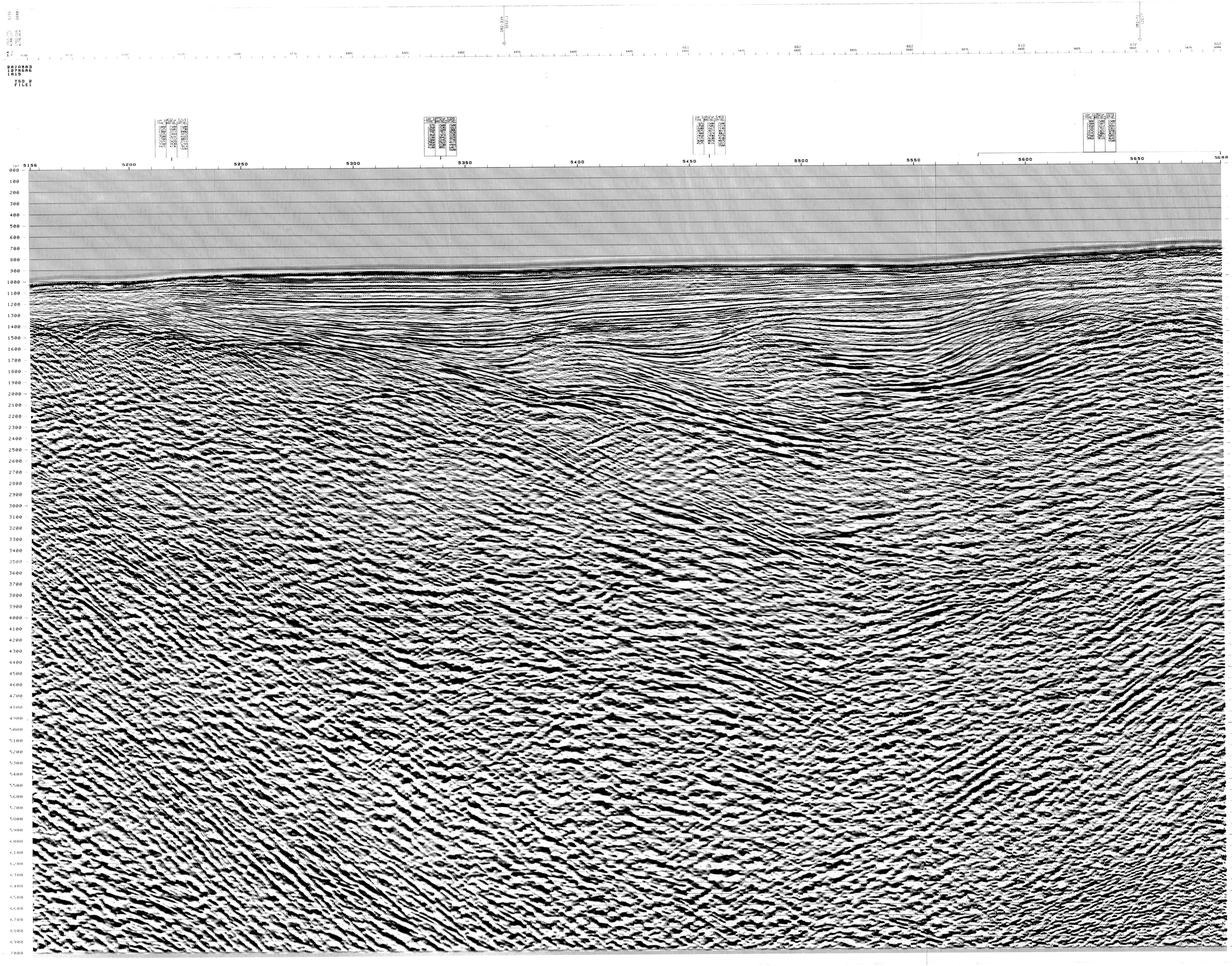
SOURCE
AIRGUN ARRAY
DEPTH ..... 6 m
CAPACITY ..... 2000 in³
SP INTERVAL ..... 25 m

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
DEMULTIPLEX EDIT
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 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER: From sea bottom 50-60 Hz; First unconformity 12-60 Hz; One second after first unconformity 10/50 Hz; Two seconds 8/40 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 W.S.I.
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
9, Rue Galvani - 91301 - MASSY - FRANCE