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

SICILY
ZONE G

SW 646 **LINE G82.33** 1187 NE

BOAT MOTION →

PL N°777 | STACK 4800%.DBS.TVF | JAN 5 83

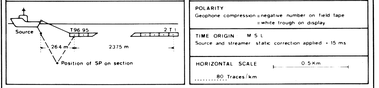
FIELD RECORDING 4800 %
Contractor G.S.I

SHIP
M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... JULY 2 82

INSTRUMENTS
OHS *
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... low 8 Hz - high 128 Hz
SAMPLING ..... 2 ms

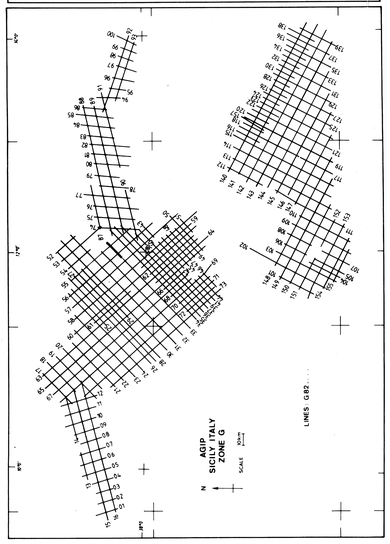
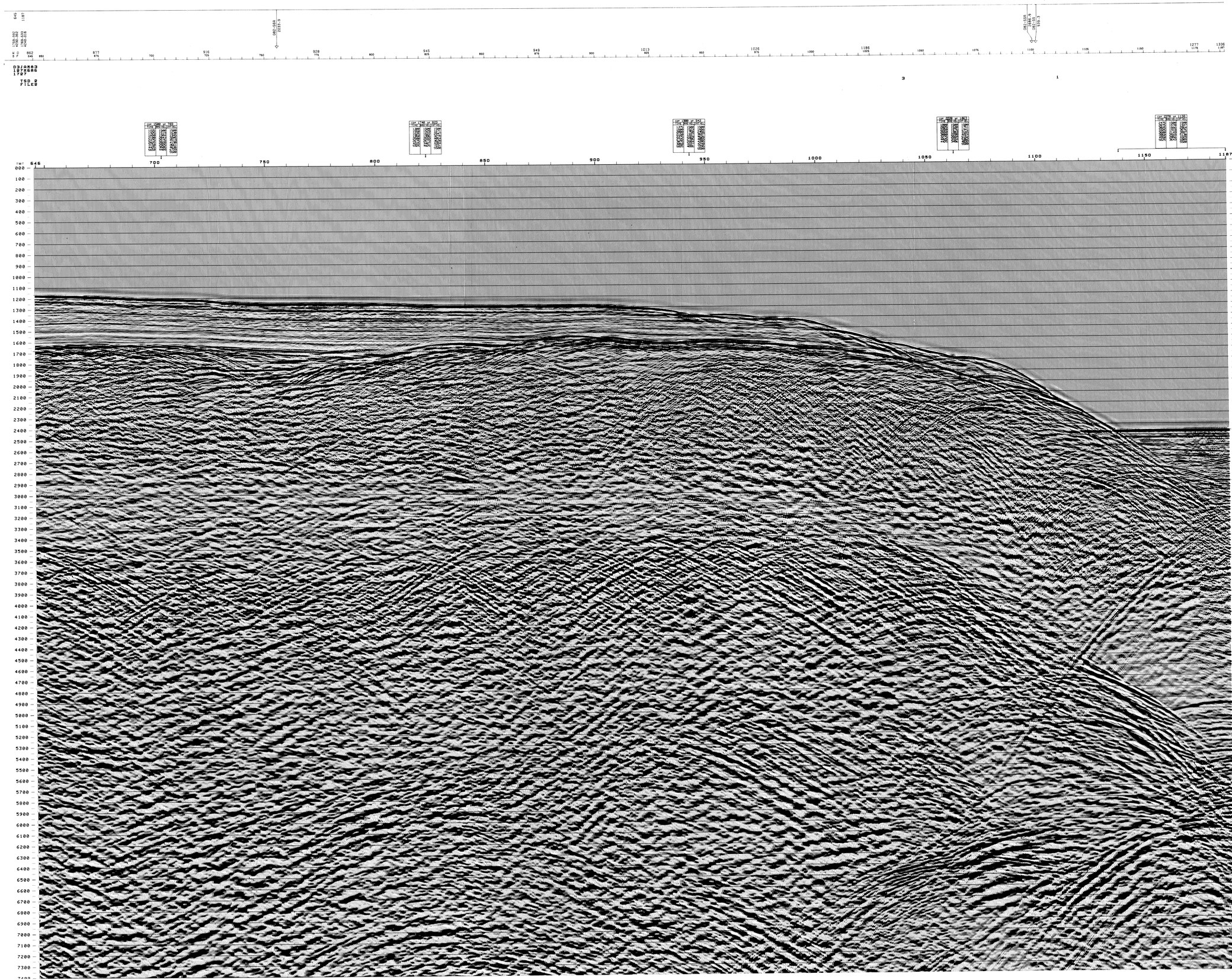
SOURCE
AIRGUN ARRAY
DEPTH ..... 6 m
CAPACITY ..... 2000 in³
SP INTERVAL ..... 25 m

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 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 (ANLT EVERY 3Km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING →
STACK 4800 f
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 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 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 WB 88

COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Galvani - 91301 - MASSY - FRANCE