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

SICILY
ZONE G

NW 4660 **LINE G82_69_1A** 4091 SE

BOAT MOTION ←

PL N°915 | STACK 4800%_DBS_TVF | FEB 2 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP
M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... AUG. 10. 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 in.³
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

figure_1 ms
2000 ms
3000 ms
4000 ms
STACKING
FOLD
30 60 90 120 150 180 210 240
100 %
50 %
0 %

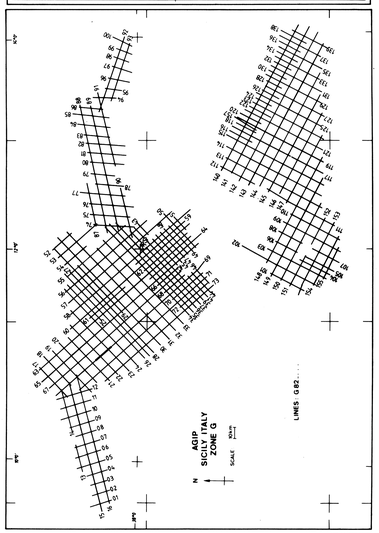
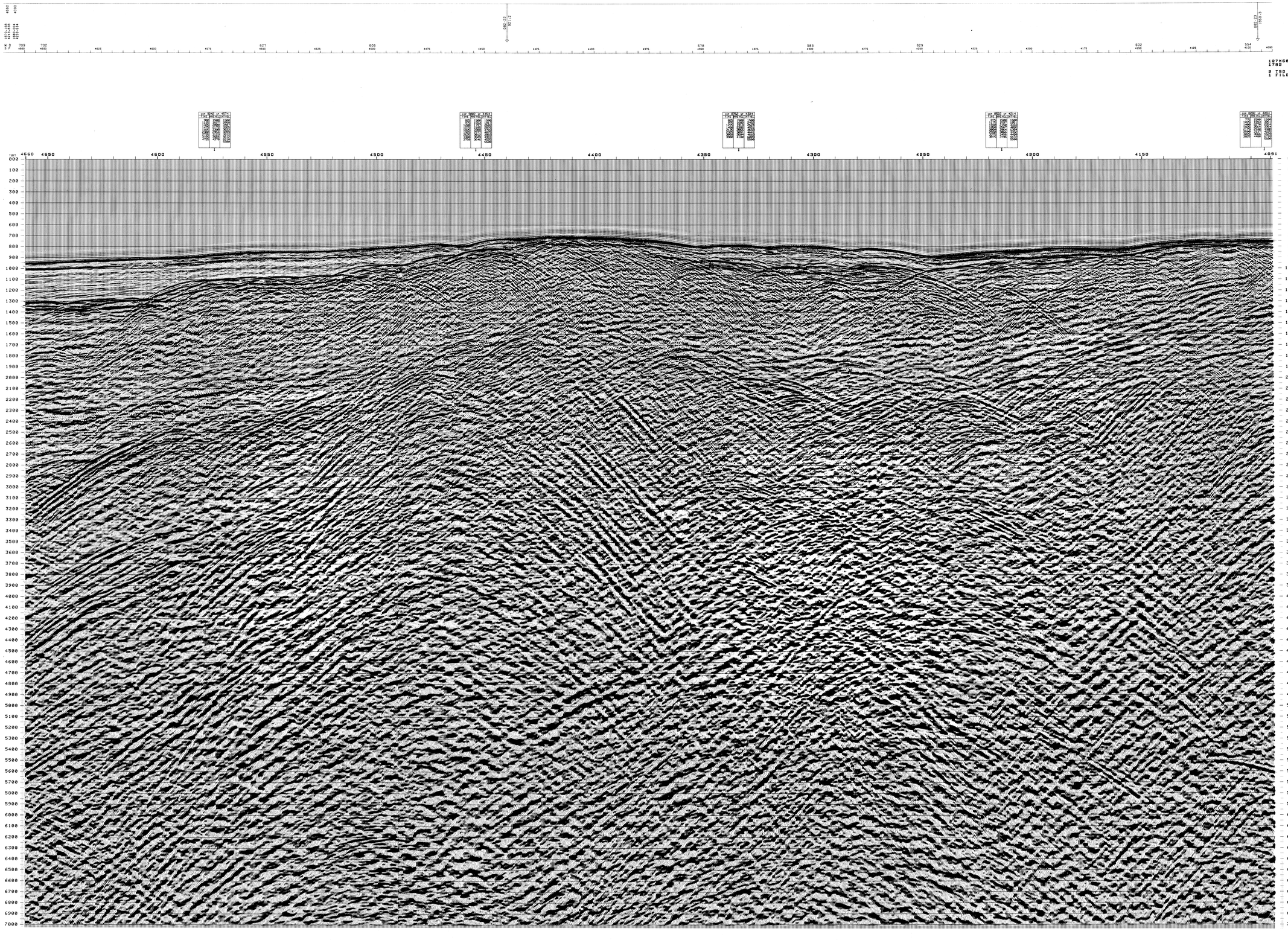
TIME VARIANT FILTER
From sea bottom 10 - 60 Hz
First unconformity 12 - 60 Hz
One second after first unconformity 10-50 Hz
Two seconds " " 8-40 Hz
Three seconds " " 6-35 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

POLARITY
Geophone compression = negative number on field tape
= white trough on display

TIME ORIGIN 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
6, Rue Galvani 91300 - MASSY - FRANCE