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

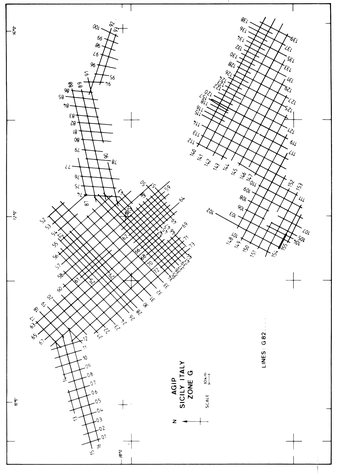
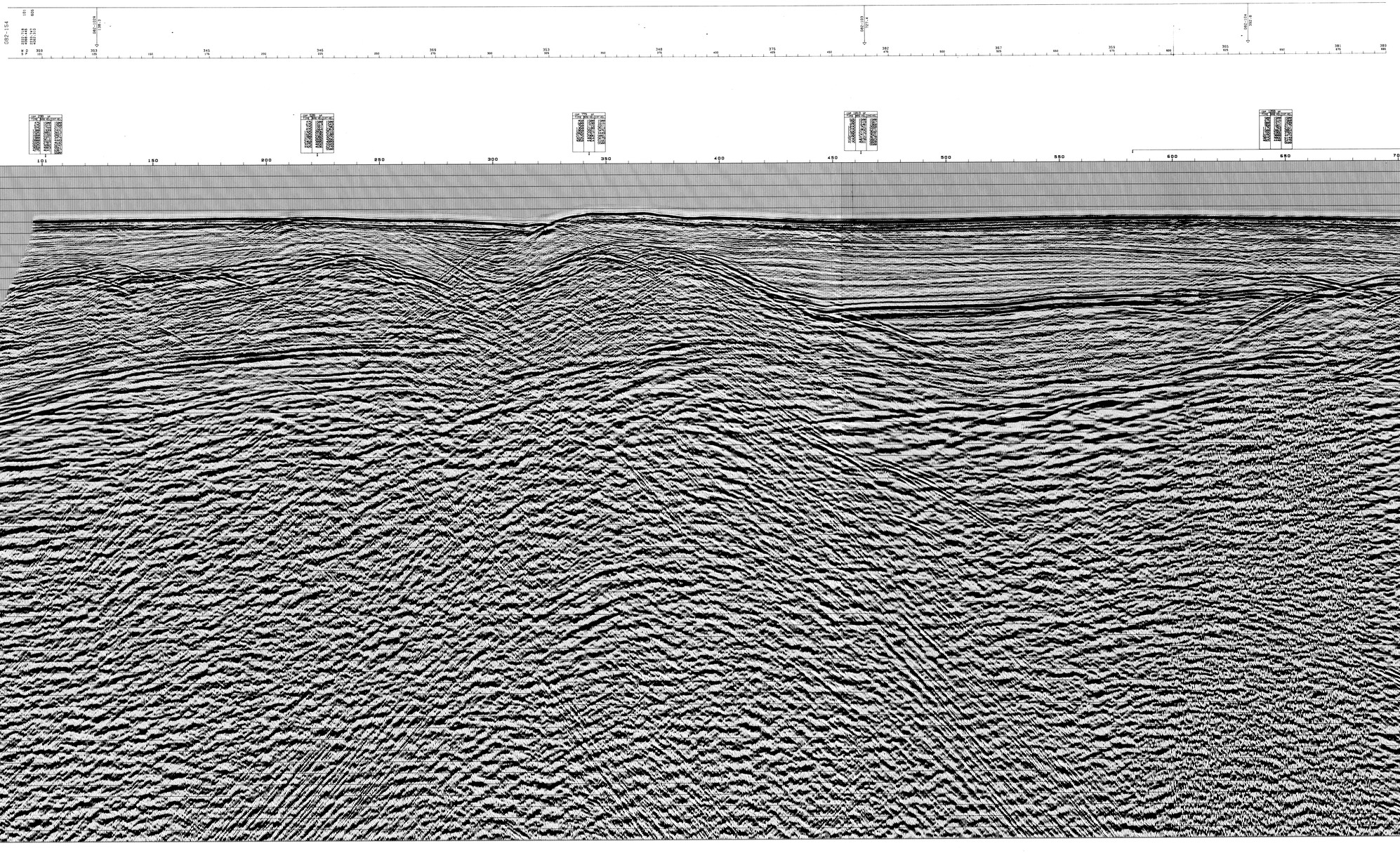
SICILY
ZONE G

WNW 101 **LINE G82_154** 709 ESE

BOAT MOTION →

PL N°417 | STACK 4800%.DBS.TVF | NOV 16 82

| FIELD RECORDING 4800 % Contractor G.S.I. | DIGITAL PROCESSING PS Sequence in 4 ms |
|---|---|
| SHIP<br>M/V ARCTIC SEAL<br>NAVIGATION BY..... SYLEDIS<br>SHOOTING DATE..... JULY 27 82<br>INSTRUMENTS<br>DFS V<br>FORMAT..... 9 tracks 1600 BPI<br>FILTER..... low 8 Hz - high 128 Hz<br>SAMPLING..... 2 ms<br>SOURCE<br>AIRGUN ARRAY<br>DEPTH..... 6 m<br>CAPACITY..... 2000 in³<br>SP INTERVAL..... 25 m<br>STREAMER<br>LENGTH..... 2400 m<br>DEPTH..... ≥ 18.5 m<br>GROUPS..... 96<br>GROUP INTERVAL..... 25 m | RESAMPLE TO 4 ms<br>DEMULTIPLEX EDIT<br>TRUE AMPLITUDE RECOVERY<br>SPHERICAL DIVERGENCE COMPENSATION<br>AIRGUN DELAY 51 ms<br>MUTES<br>DECONVOLUTION<br>Operator Length 200 ms<br>Windows* 0- 2000 ms<br>2000- 4000 ms<br>VELOCITY ANALYSIS 13NVIT EVERY 3 Km.i.<br>NMO CORRECTIONS Linear interpolation between velocity functions<br>OFFSET DEPENDENT SCALING → 50<br>STACK 4800 %<br>SHOT AND STREAMER STATIC -15 ms<br>AMPLITUDE vs TIME<br>TIME VARIANT FILTER* 0- 400 ms 12/60 Hz; 400- 800 ms 10/55 Hz; 1400- 2000 ms 8/45 Hz; 2000- 6000 ms 6/30 Hz (TARGET)<br>TRACE EQUALIZATION<br>ANALOG DISPLAY<br>* TIME ZERO MS |
| Source 136.93 2.01 264 m 2375 m Position of SP on section | POLARITY<br>Geophone compression = negative number on field tape = white trough on display |
| | TIME ORIGIN M.S.L.<br>Source and streamer static correction applied + 15 ms |
| | HORIZONTAL SCALE 0.5 Km<br>80 Traces/km |

* C.G.G. processing code 127 M6 86

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