Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW 596 — LINE G82_50 — 1085 NE

BOAT MOTION →

PL N°504 — STACK 4800%.DBS.TVF — NOV 24 82

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 16.82

INSTRUMENTS

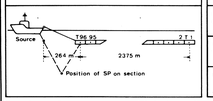
DFS X
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... Low 8 Hz , High 128 Hz
SAMPLING ..... 2 ms

SOURCE

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

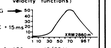
STREAMER

LENGTH ..... 2400 m
DEPTH ..... ≅ 16.5 m
GROUPS 96
GROUP INTERVAL ..... 25 m



RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 3/2*
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 3Km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC + 15 ms



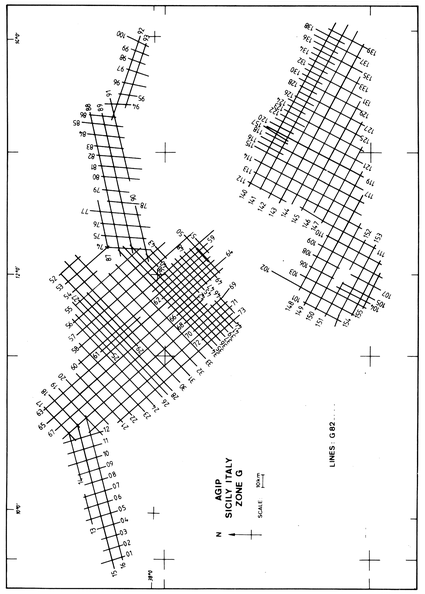
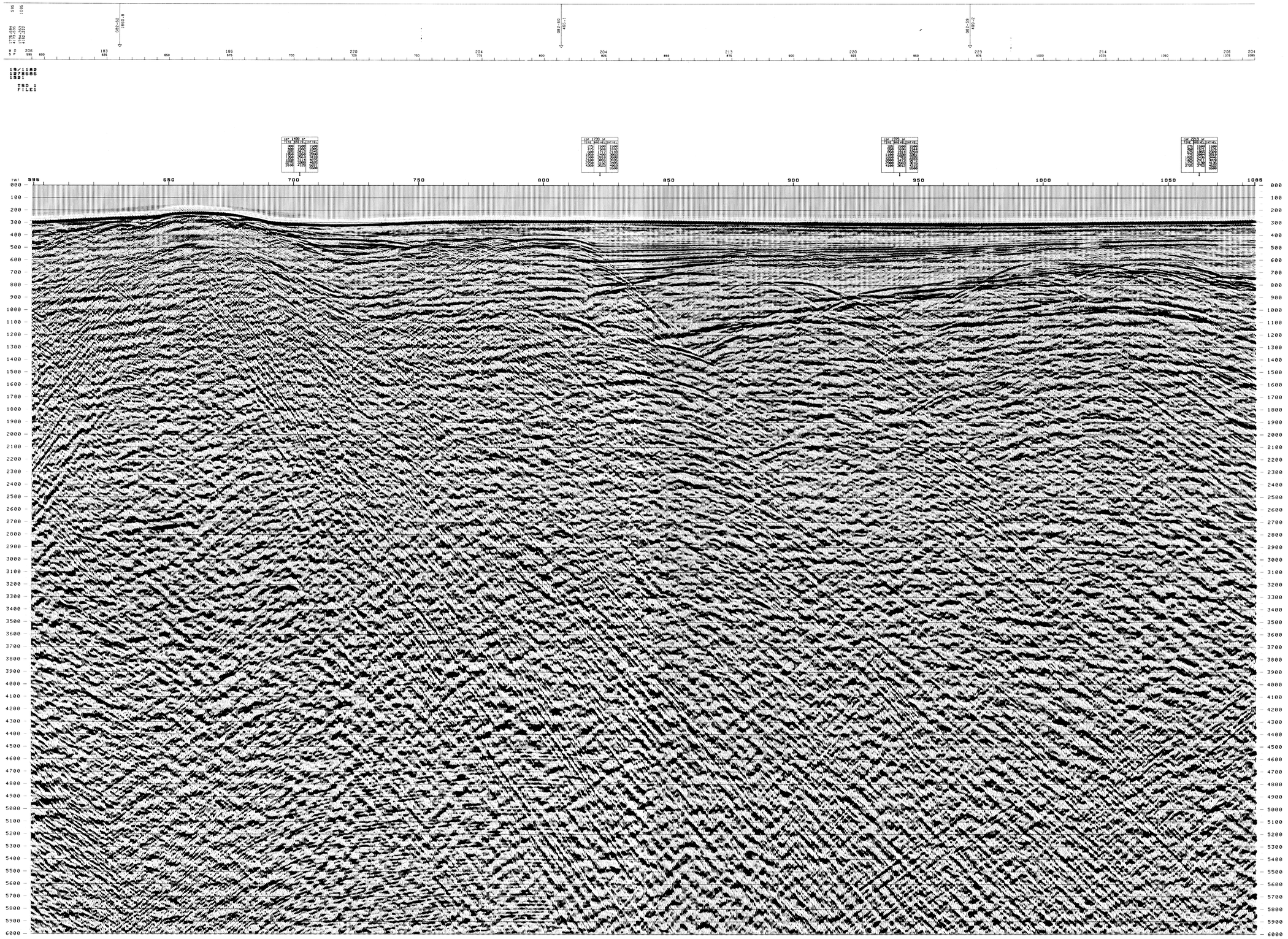
TIME VARIANT FILTER*
0-400 ms 12/60 Hz
900 ms 10/45 Hz
1400 ms 8/45 Hz
2000 ms 8/40 Hz
2600-6000 ms 6/35 Hz
TARGET

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 - 91301 - MASSY - FRANCE