Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW 1046 **LINE G82_65** 1515 SE

BOAT MOTION →

OTHER FILTERS

PL N°606F | STACK 4800%.DBS.TVF | JAN 24 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... JUNE 17.82

INSTRUMENTS

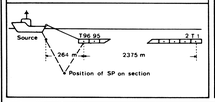
DFS X
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... Low 8 Hz - High 128 Hz
SAMPLING ..... 2 ms

SOURCE

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

STREAMER

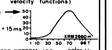
LENGTH ..... 2400 m
DEPTH ..... ≃ 16.5 m
GROUPS 96
GROUP INTERVAL ..... 25 m



DIGITAL PROCESSING P5
Sequence in 4 ms

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 3 Km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms



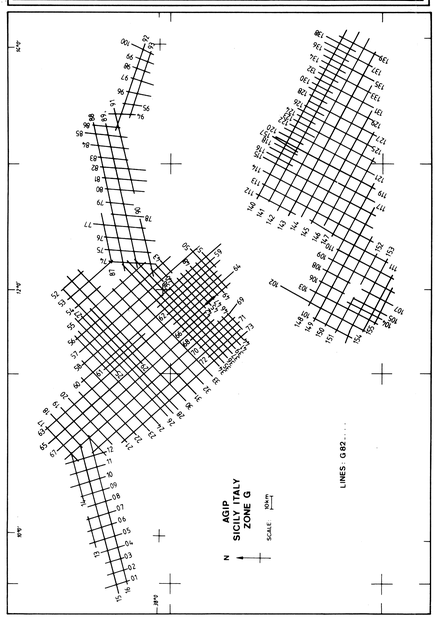
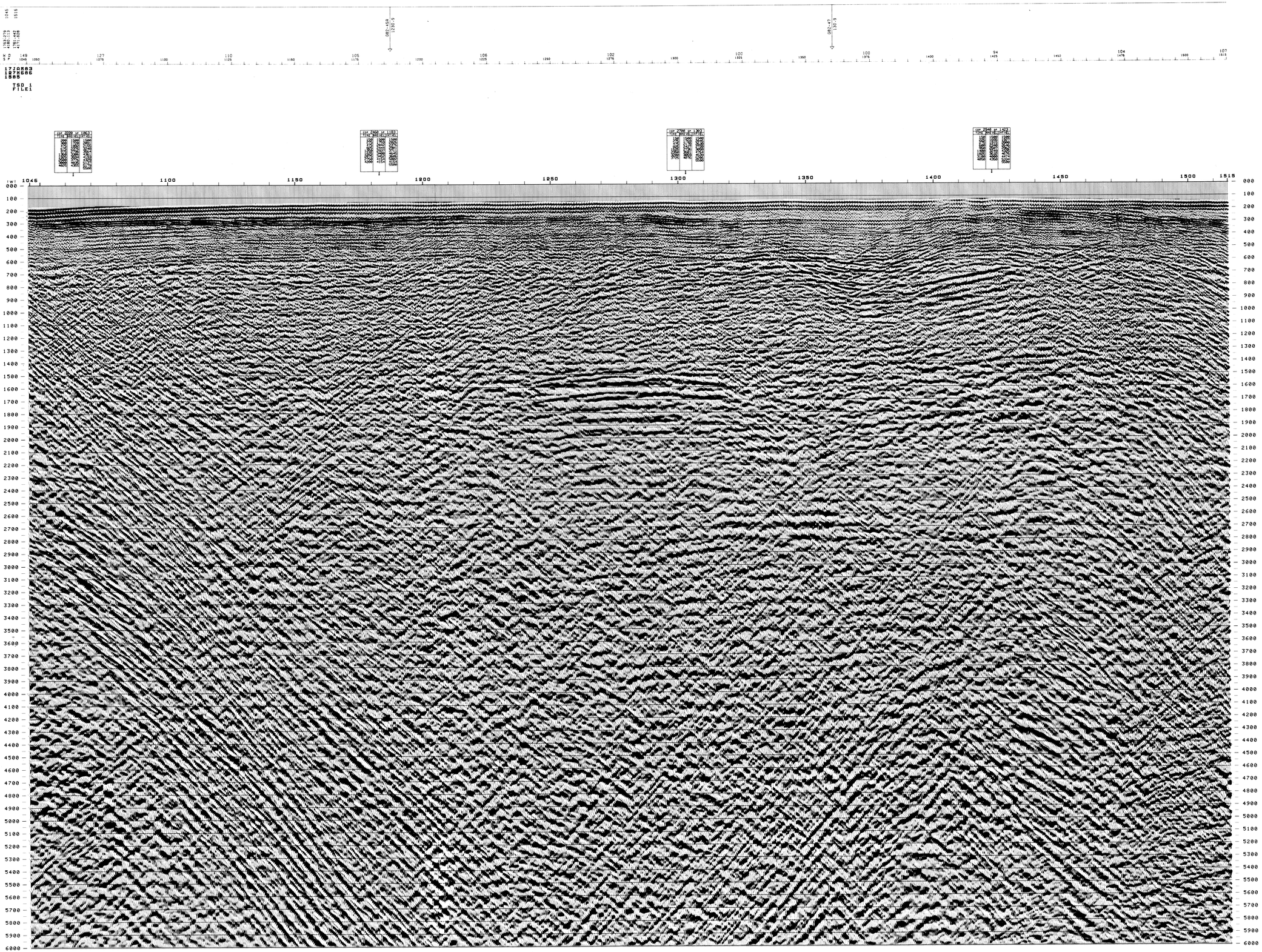
TIME VARIANT FILTER
WATER BOTTOM, 400 ms 32/75 Hz
400 ms, 1000 ms 15/45 Hz
1000 ms, 6000 ms 8/35 Hz

TRACE EQUALIZATION
ANALOG DISPLAY

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