Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

WNW 625/902 **LINE G82_147** 837/1154 ESE

BOAT MOTION →

PL N° 324 | STACK 4800%.DBS.TVF | NOV 4 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... JUNE 9 82

INSTRUMENTS

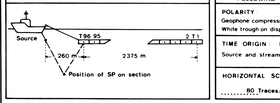
DFS X
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... Low 8 Hz - High 128 Hz
SAMPLING ..... 2 ms

SOURCE

AIRGUN ARRAY
DEPTH ..... 6 m
CAPACITY ..... 2000 m^3
SP INTERVAL ..... 25 m

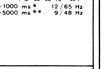
STREAMER

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



DIGITAL PROCESSING P 5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 5/4* →
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIR GUN 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 0-1000 ms* 12/65 Hz; 2000-5000 ms** 9/48 Hz
TRACE EQUALIZATION
ANALOG DISPLAY

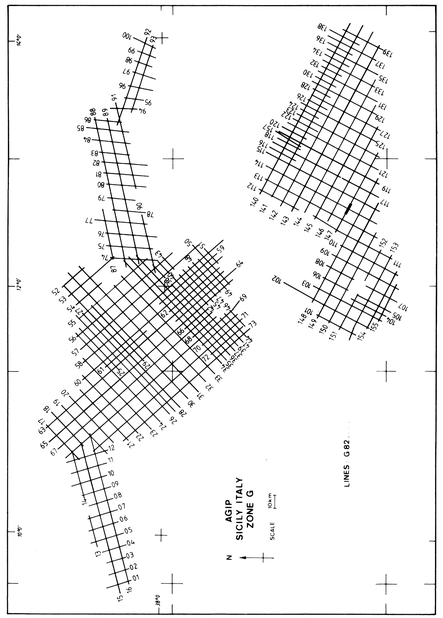
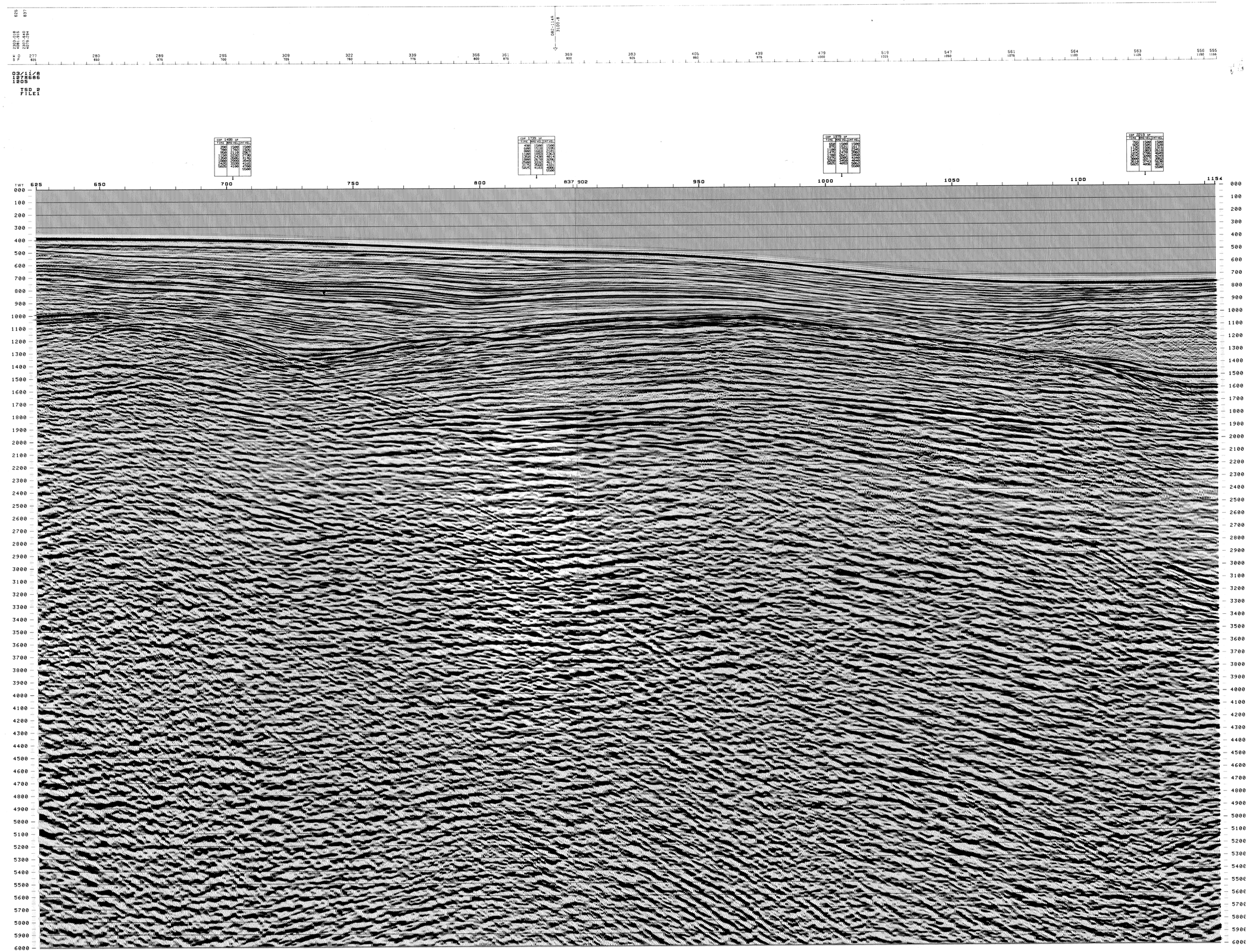


* TIME ZERO WB
** FOLLOWING TARGET

POLARITY
Geophone compression = negative number on field tape
White trough on display = positive reflection coefficient

TIME ORIGIN M.S.L.
Source and streamer static correction applied +15 ms

HORIZONTAL SCALE 0.5 Km
.....80 Traces/km

* CGG's processing code 127 M6 86

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