Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SSW 795 **LINE G82_134** 445 NNE

BOAT MOTION ←

PL N°223 | STACK 4800%_DBS_TVF | OCT. 13. 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... MAY 26-82

INSTRUMENTS

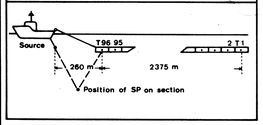
DFS ⧗
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... Low: 8 Hz - High: 128 Hz
SAMPLING ..... 2 ms

SOURCE

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

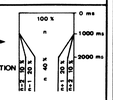
STREAMER

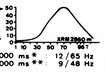
LENGTH ..... 2400 m
DEPTH ..... ≅16.5 m
GROUPS 96
GROUP INTERVAL ..... 25 m



DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 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



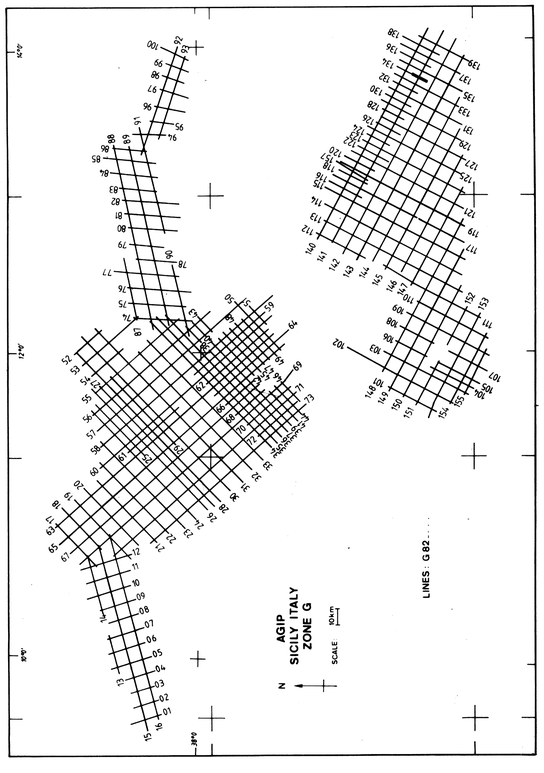
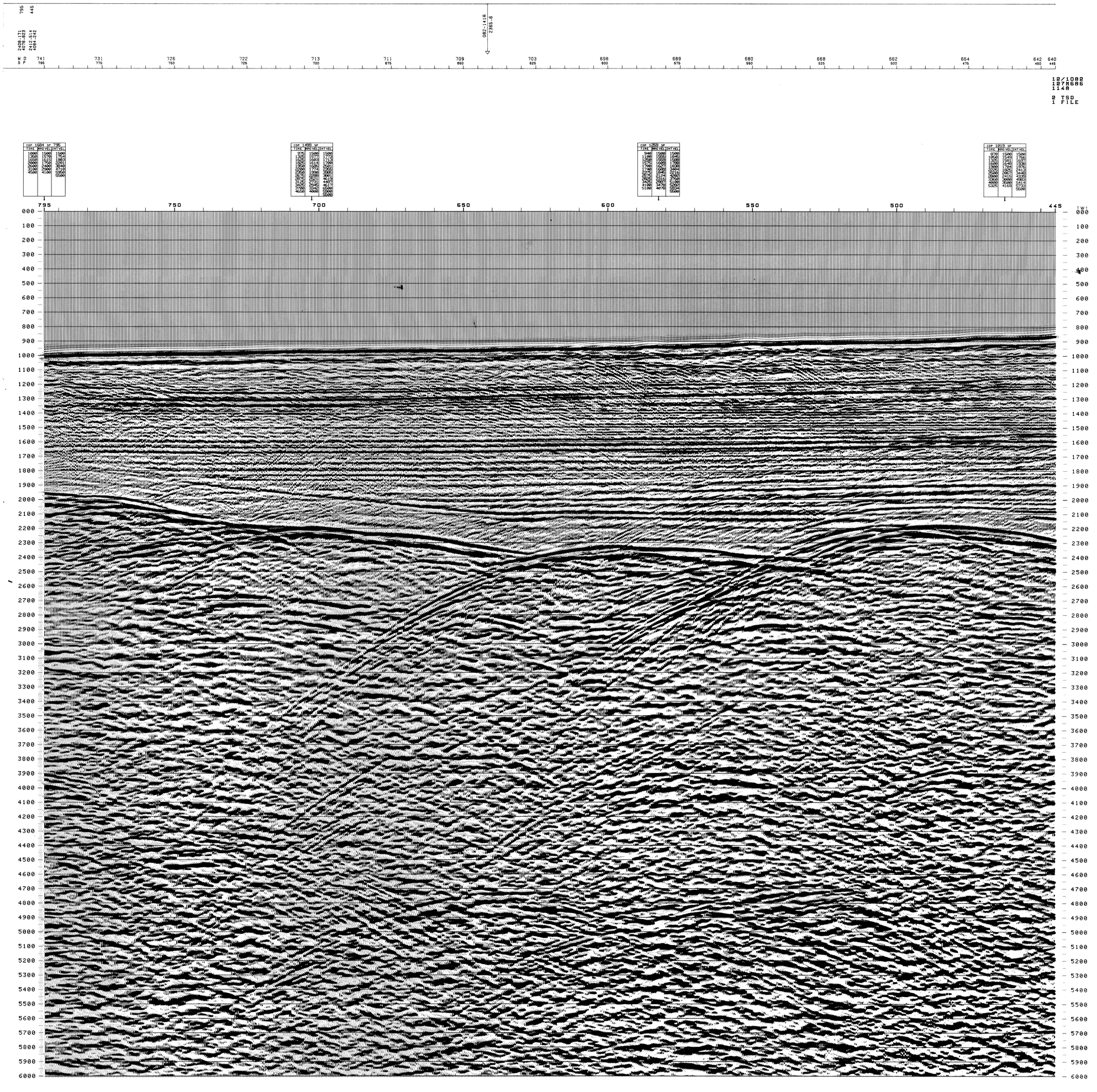


* TIME ZERO WB
** FOLLOWING TARGET

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 Galvani - 91301 - MASSY - FRANCE