Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SSW 1486 **LINE G82_102C** 1725 NNE

BOAT MOTION →

PL N°433 | STACK 4800%_DBS_TVF | NOV 22 82

FIELD RECORDING 4800 %
Contractor G S I

SHIP

M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... JULY 28 82

INSTRUMENTS

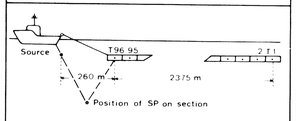
DFS V
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... Low 8 Hz _ High 128 Hz
SAMPLING ..... 2 ms

SOURCE

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

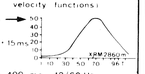
STREAMER

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
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



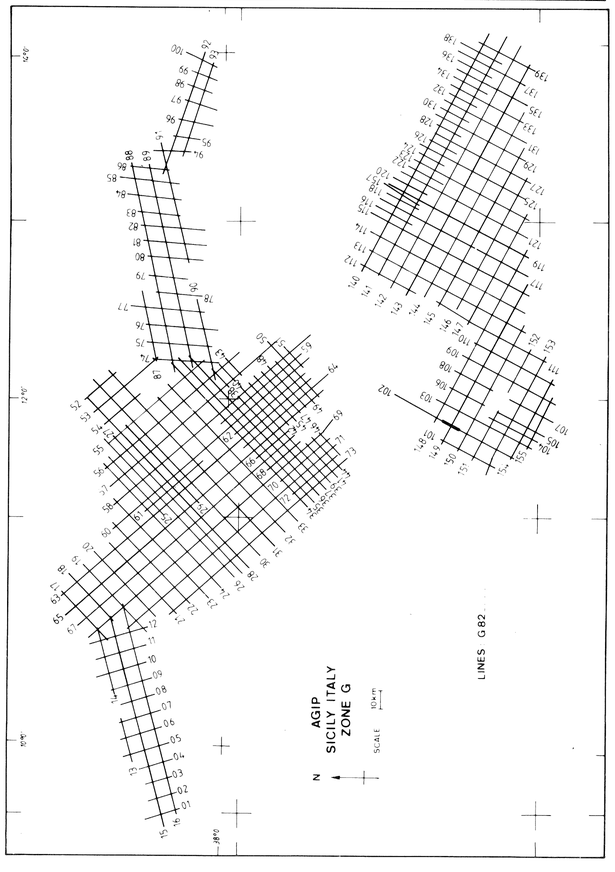
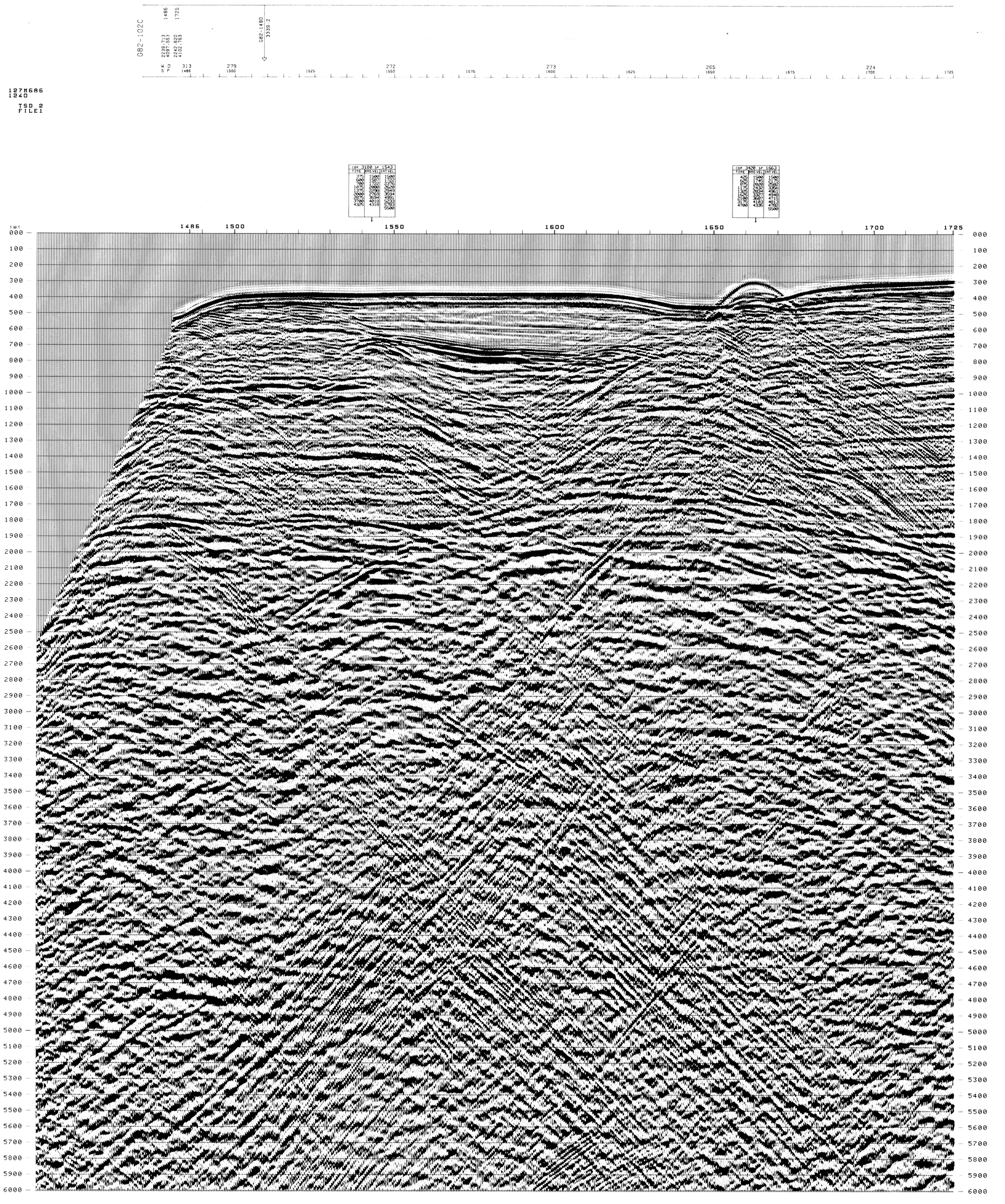
TIME VARIANT FILTER* { 0-400 ms 12/60 Hz; 900 ms 10/45 Hz; 1400 ms 8/45 Hz; 2000-6000 ms 6/30 Hz } TARGET

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