Party: 2903* **AGIP S.p.A.**

SICILY
ZONE G

NW 4533 LINE G82.57C 4016 SE

BOAT MOTION ←

PL N°858 | STACK 4800%.DBS.TVF | JAN 20 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP
M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... AUG 27 82

INSTRUMENTS
DFS IX
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 ..... à 16.5 m
GROUPS 96
GROUP INTERVAL ..... 25 m

Source — T96 55 — 2.7 — 280 m — 2375 m — Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 5/4*
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
From sea bottom 15/65 Hz
First unconformity 12/60 Hz
One second after first unconformity 10/50 Hz
Two seconds - - 8/40 Hz
Three seconds - - 6/35 Hz

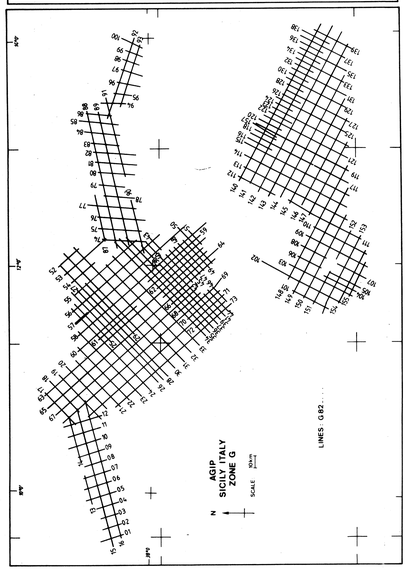
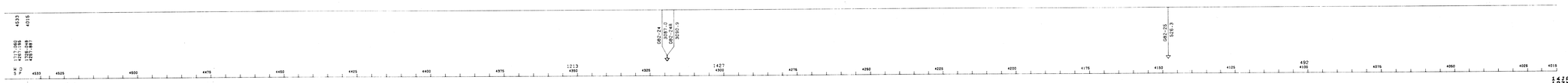
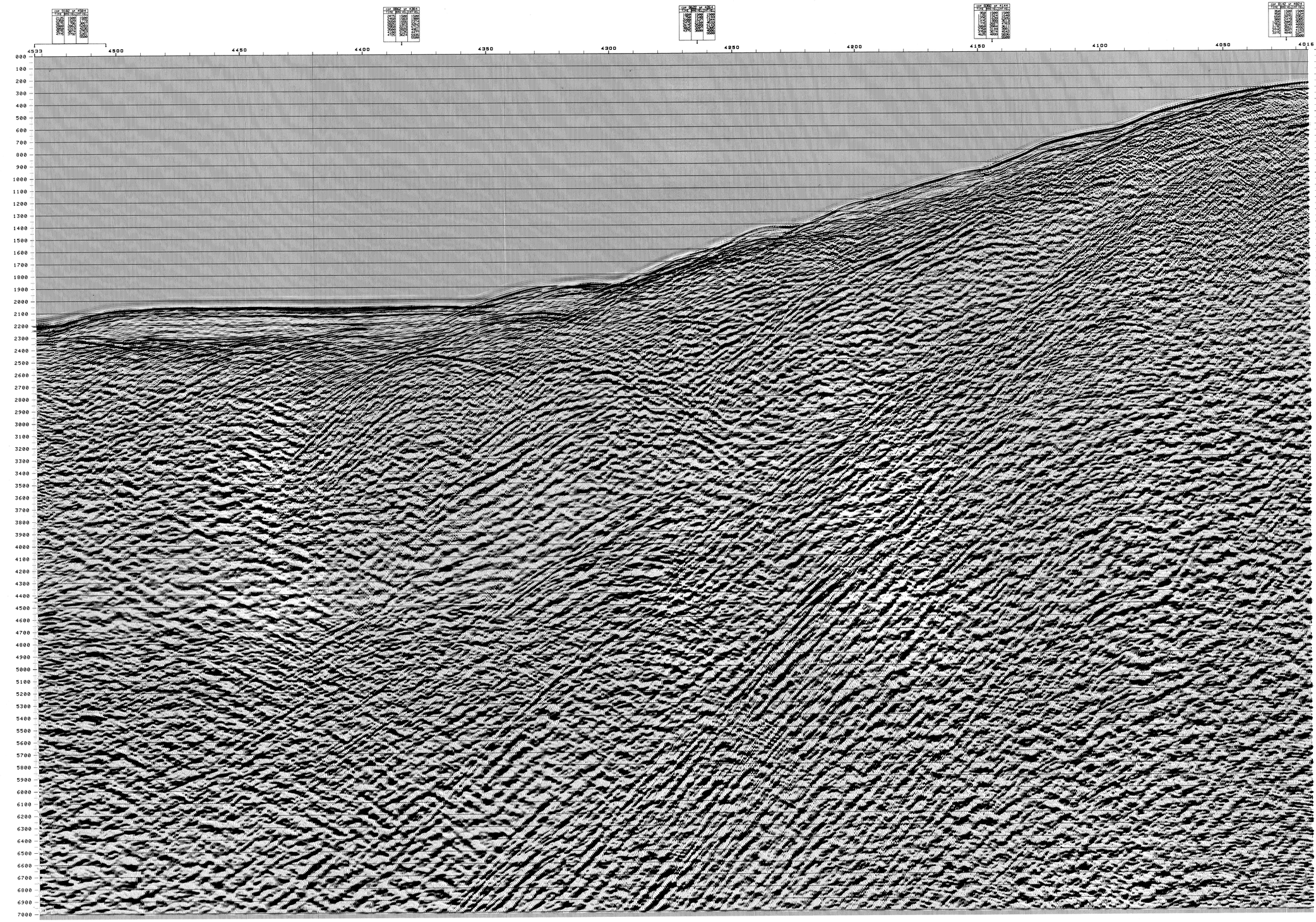
TRACE EQUALIZATION
ANALOG DISPLAY

* 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
8, Rue Galvani - 91301 - MASSY - FRANCE