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

SICILY
ZONE G

NW 3205 **LINE G82.73A** 2654 SE

BOAT MOTION ←

PL N°873 | STACK 4800%.DBS.TVF | JAN 21 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP
M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... AUG 12 82

INSTRUMENTS
OFS 16
FORMAT ..... 9 tracks 1600 BPI
FILTER ..... Low 8 Hz - High 128 Hz
SAMPLING ..... 2 ms

SOURCE
AIRGUN ARRAY
DEPTH ..... 6 m
CAPACITY ..... 2000 cu.I
SP INTERVAL ..... 25 m

STREAMER
LENGTH ..... 2400 m
DEPTH ..... in 16.5 m
GROUPS 96
GROUP INTERVAL ..... 25 m

Source — 236.25 — 2.5 — 280 m — 2375 m — Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

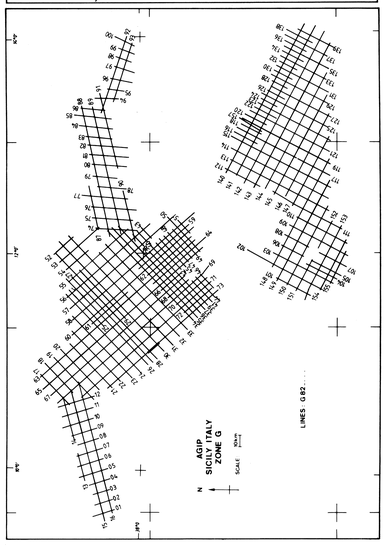
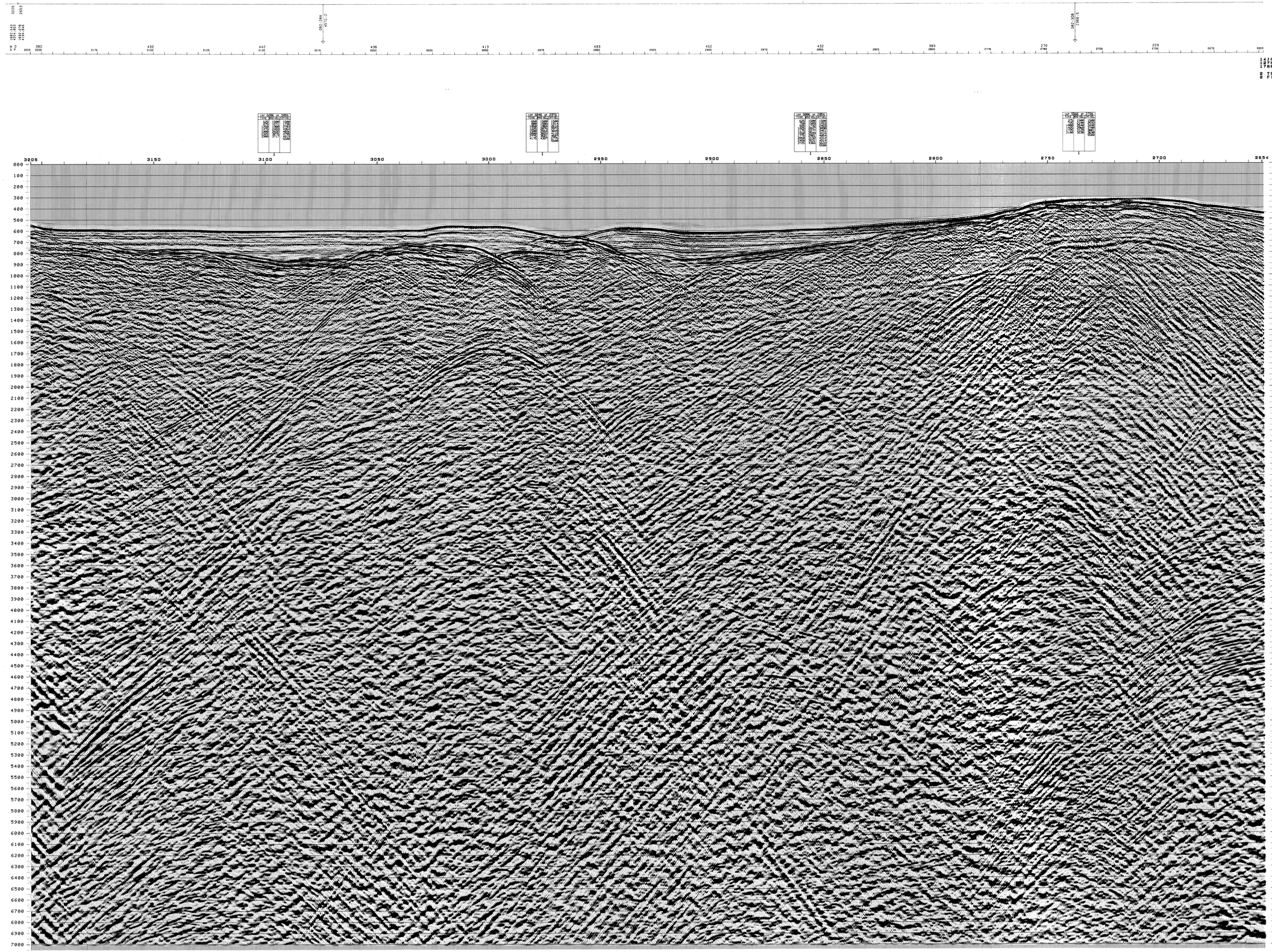
RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION — 100 x t² — 0 ms — 6000 ms — 3000 ms
AIRGUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Windows * 0-2000 ms
2000-4000 ms
VELOCITY ANALYSIS (ANVIT EVERY 3 Km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING — 800 / 600 / 400 / 200 — 0 SP 30 60 72 MT — ARMSRMS
STACK 4800 X
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; Three seconds " 8/40 Hz; " 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. x processing code 127 W6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
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