Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NNW 511 **LINE G82.09** 923 SSE

BOAT MOTION →

PL N° 714 | STACK 4800%.DBS.TVF | DEC 24.82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDIS
SHOOTING DATE ..... AUG 1982

INSTRUMENTS

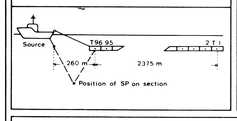
DFS X
FORMAT ..... 9 tracks (800 BPI)
FILTER ..... Low 8 Hz , High 128 Hz
SAMPLING ..... 2 ms

SOURCE

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

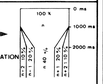
STREAMER

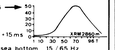
LENGTH ..... 2400 m
DEPTH ..... ≅ 16.5 m
GROUPS 96
GROUP INTERVAL ..... 25 m



DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 5/4 * →
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
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

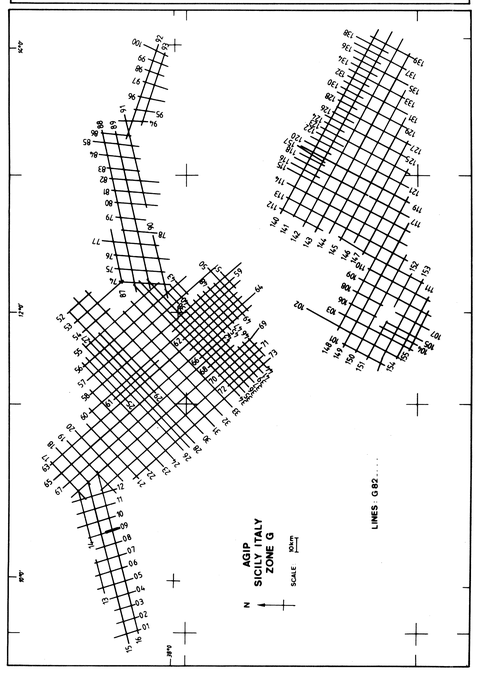
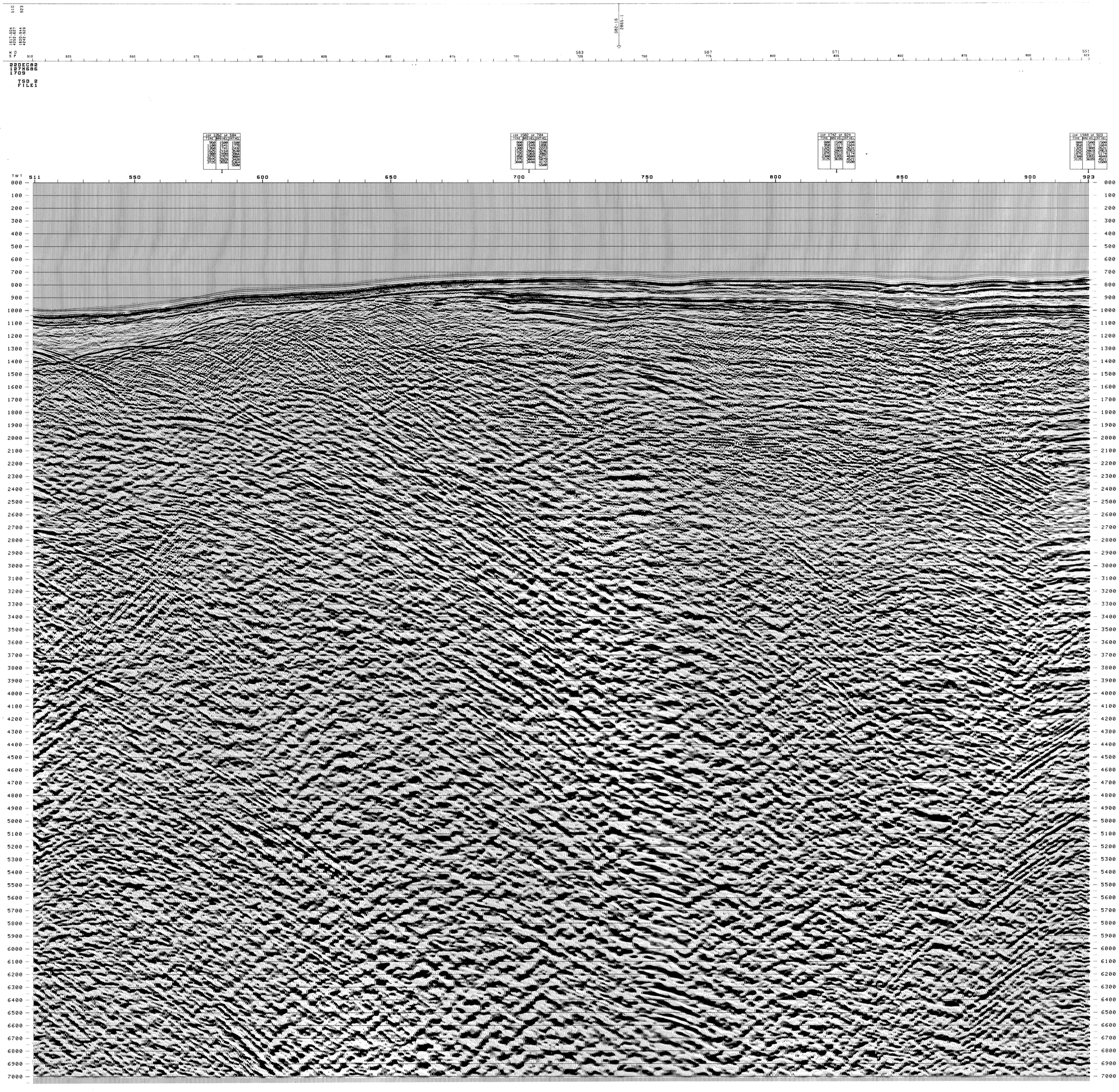




POLARITY
Geophone compression = negative number on field tape
= white trough on display

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
6, Rue Galvani - 91301 - MASSY - FRANCE