

Party: 2903

AGIP S.p.A.

SICILY

ZONE G

WNW

1645

LINE

G82.92

1131

ESE

BOAT MOTION

PL N°684

STACK 4800% DBS.TVF

JAN 3 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE JULY 11 82

INSTRUMENTS

DPS 3

FORMAT 9 tracks 1800 BPI

FILTER Low 9 Hz, High 120 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 9000 m³

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m

Diagram of streamer layout showing source position and streamer orientation.

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 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

From sea bottom 15/85 Hz

First uncertainty 12/40 Hz

Two seconds 8/10 Hz

Three seconds 6/20 Hz

TIME VARIANT FILTER

One second after first uncertainty 10/50 Hz

Two seconds 8/10 Hz

Three seconds 6/20 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

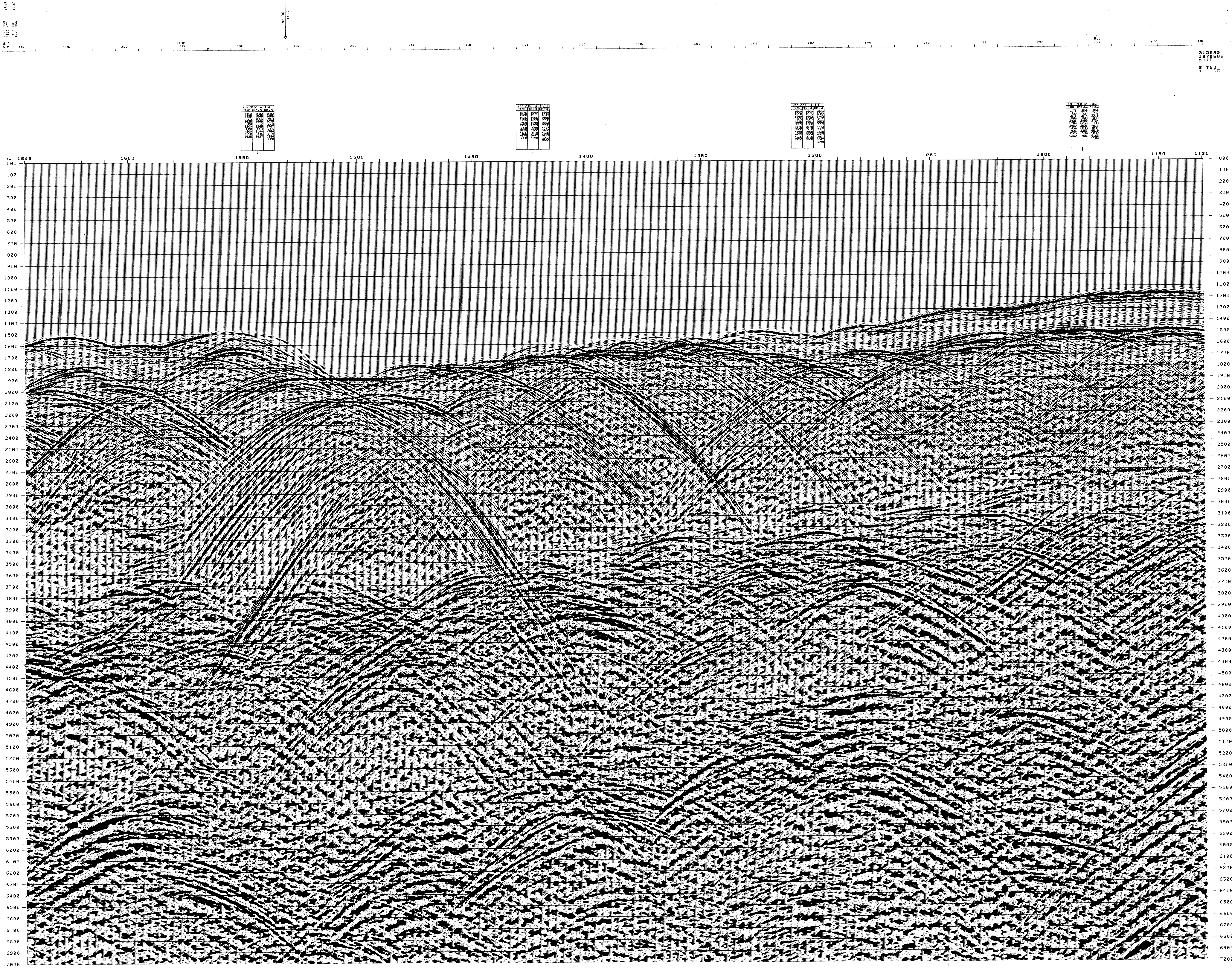
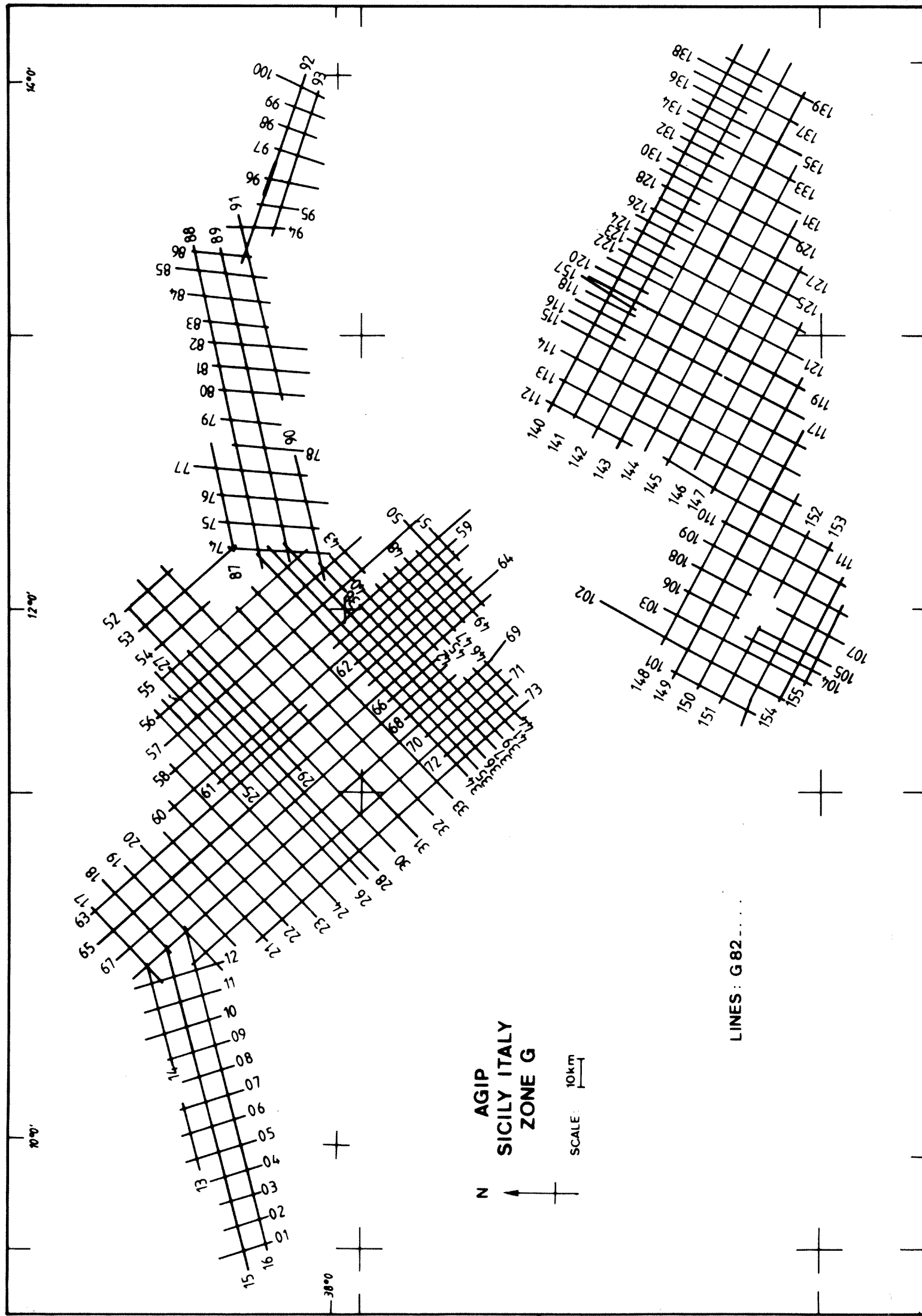
80 Tracks/km

0.5 km

* C.G.G.'s processing code 127 M6 R6

COMPAGNIE GENERALE DE GEOPHYSIQUE

5, Rue Galvani - 91301 - MASSY - FRANCE



310882
557686
9 TED
1 FILE