

SW685

LINE

G82.32

101NE

BOAT MOTION

←

PL N°779

STACK 4800% DBS TVF

JAN 5 83

FIELD RECORDING 4800 N

Contractor G.S.I

SHIP

M/V ARCTIC SEAL

NAVIGATION BY: SHLEDS

SHOOTING DATE: JULY 2 82

INSTRUMENTS

DIS. X

FORMAT: 9 tracks 1800 SPS

FILTER: Low Pass, high 128 Hz

SAMPLING: 2 ms

SOURCE

ARGON ARRAY

DEPTH: 6 m

CAPACITY: 20000 m³

SP INTERVAL: 25 m

STREAMER

LENGTH: 2400 m

DEPTH: 16.5 m

GROUPS: 96

GROUP INTERVAL: 25 m

Diagram of ship and streamer

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMATRIX EDIT

TRACE WIDENING 3.0 x \*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

ARGON DELAY: 31 ms

MUTES

DECONVOLUTION

Operator length: 200 ms

Window: \* 2000 2000 ms

VELOCITY ANALYSIS (ANDY EVERY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK ARD

SHOT AND STREAMER STATIC +0.0m

TIME VARIANT FILTER

From sea bottom: 00 00 00 00 00

First frequency: 12 60 Hz

One second after first frequency: 03 00 Hz

Three seconds: 03 00 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

\* TIME ZERO WB

POLARITY

Geophone compression: negative number on field tape

white trough on display

TIME ORIGIN: M 5.1

Source and streamer static correction applied: +15 ms

HORIZONTAL SCALE

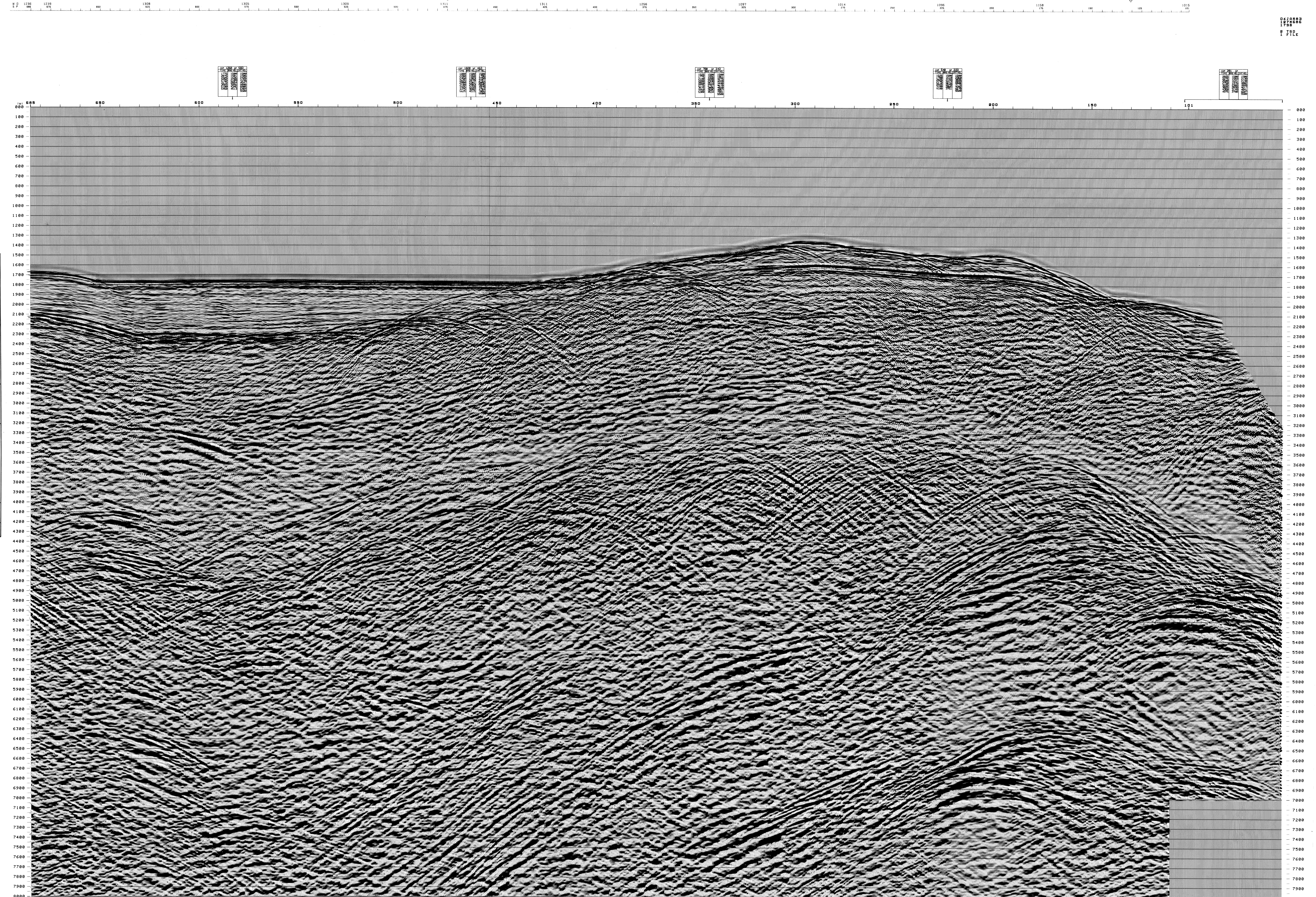
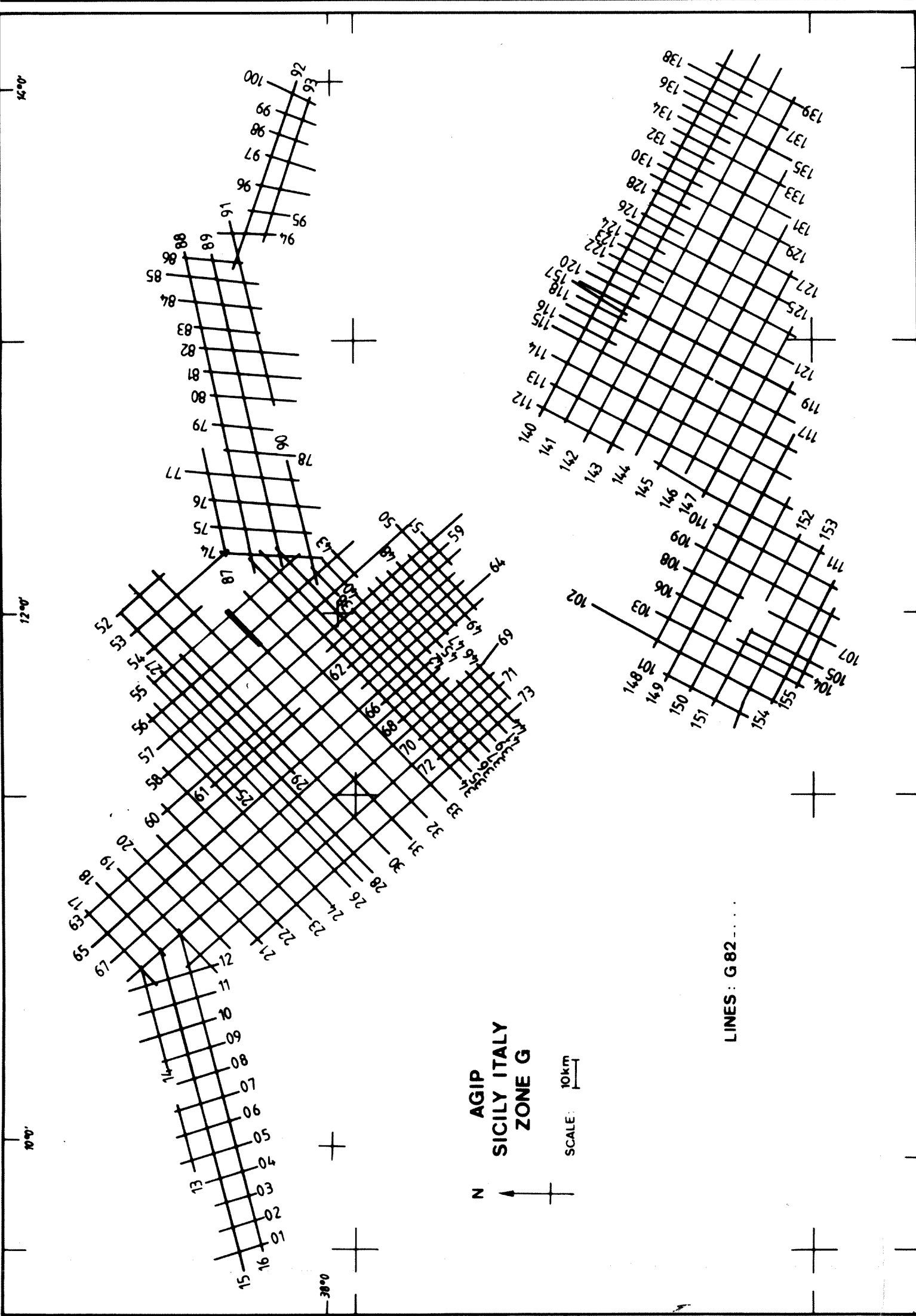
80 Times/m

0 5 km

C.G.G.'s processing code: 127 M6 B6

COMPAGNIE GÉNÉRALE DE GÉOPHYSIQUE

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