

SW1781

LINE G82.22

2123 NE

BOAT MOTION

PL N°836

STACK 4800%.DBS.TVF

JAN 21 '83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLDES

SHOOTING DATE AUG 21 '82

INSTRUMENTS

DPS W

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2000 m/s

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 m/s

SP INTERVAL 25 m

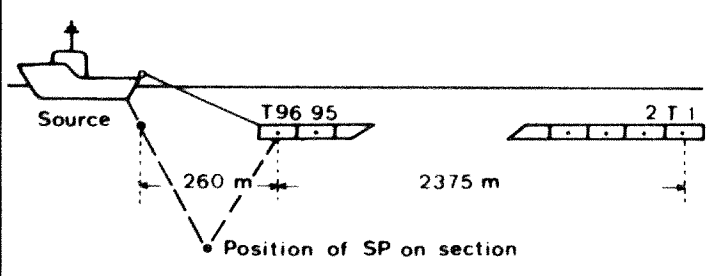
STREAMER

LENGTH 2400 m

DEPTH 16.5 m

GROUPS 96

GROUP INTERVAL 25 m



DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULPLEX EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 4 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 / 85 Hz

First uniformity 15 / 85 Hz

One second after first uniformity 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

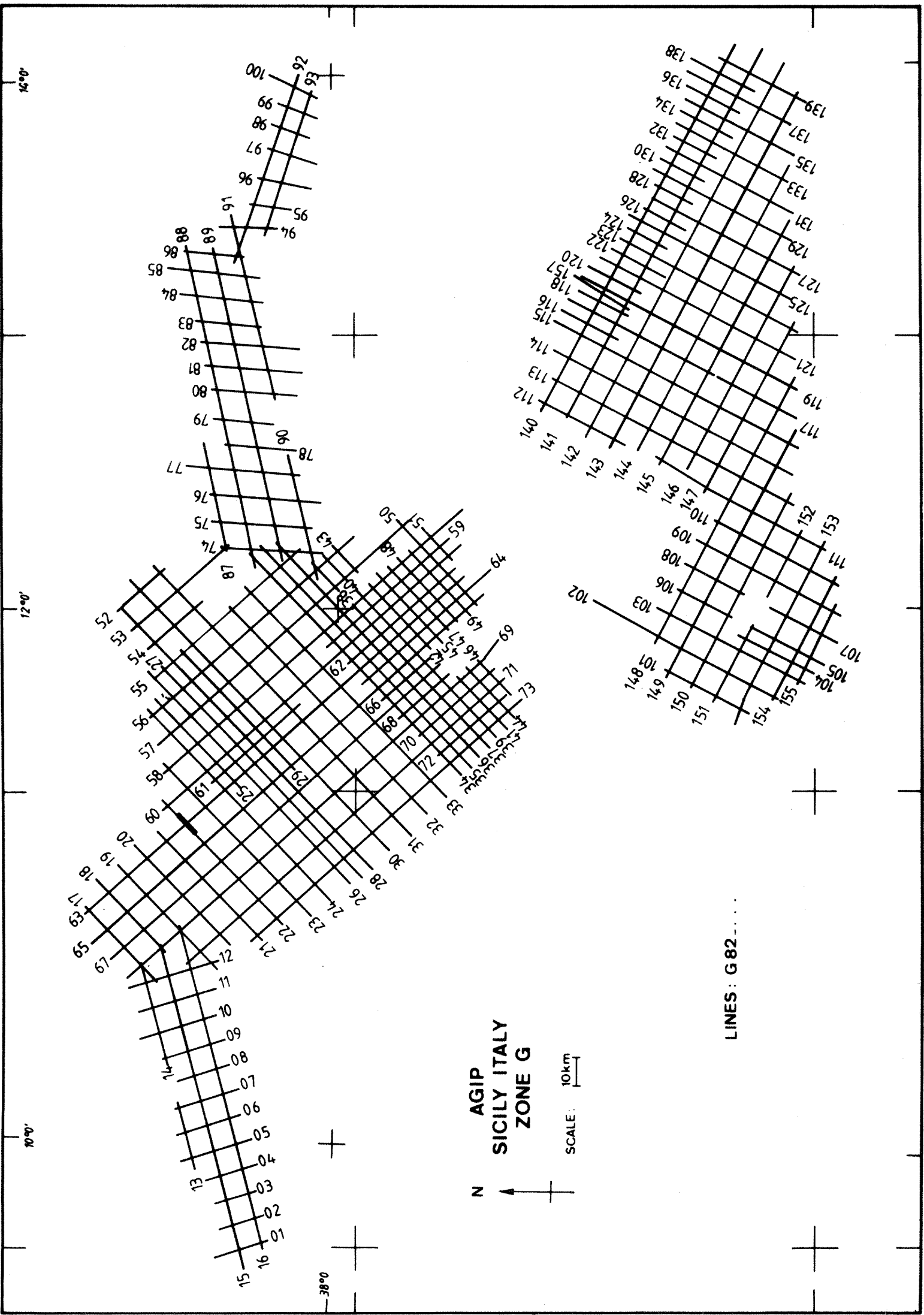
80 Tracks/km

0.5 km

* CGG's processing code 127 M6 B6

 COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 91301 - MASSY - FRANCE



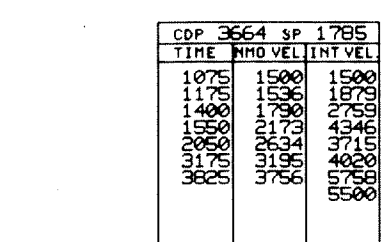
AGIP
SICILY ITALY
ZONE G

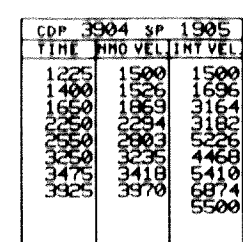
SCALE 1:5000

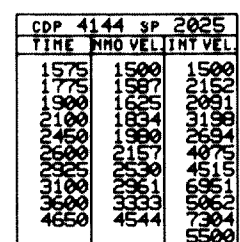
LINES G82.....

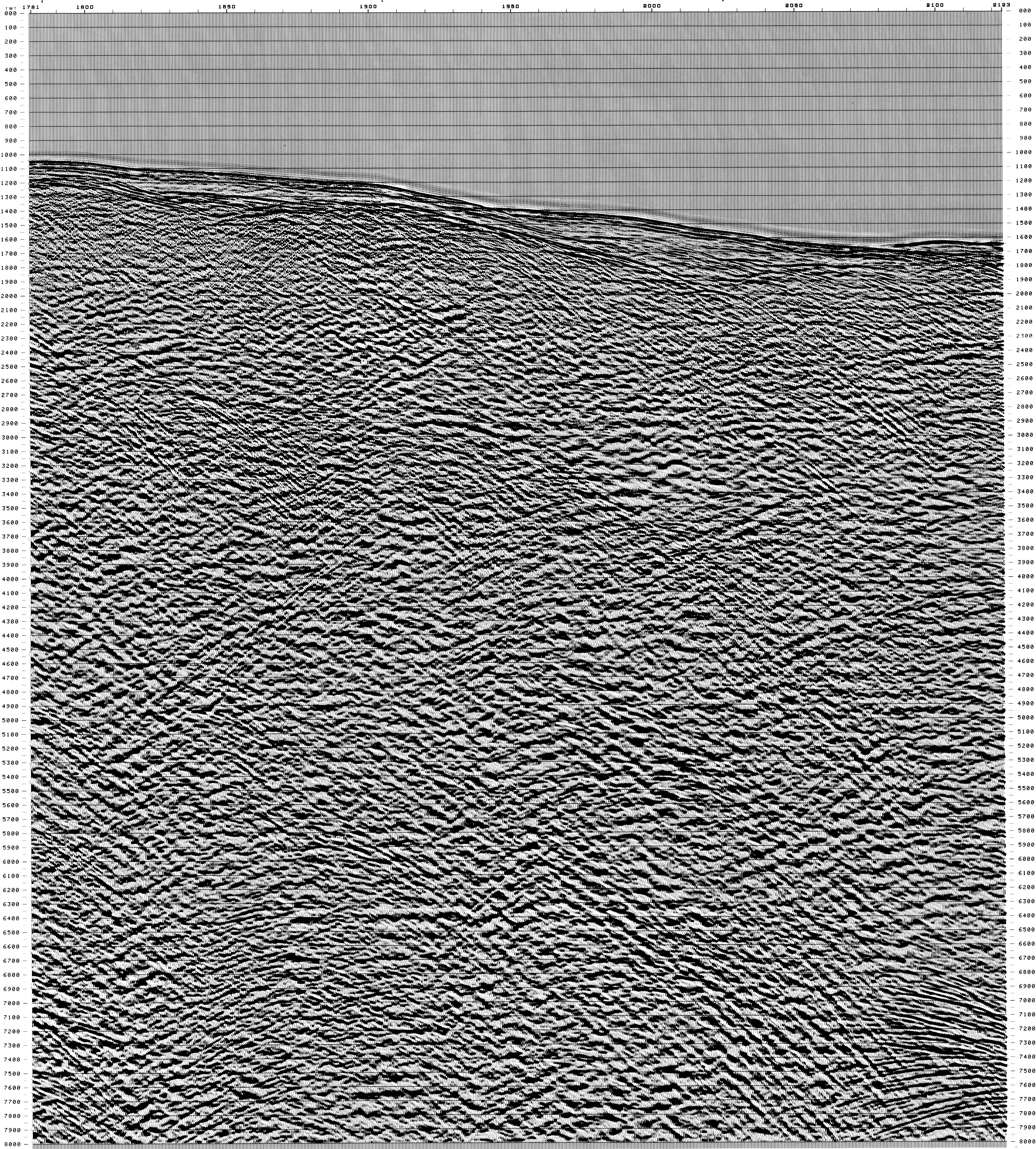
15 J0883
1874686
1769

TSD 2
FILE1









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