

NNW

515

LINE

G82.06

101

SSE

BOAT MOTION

←

PL N°754

STACK 4800% . DBS.TVF

DEC 29 82

FIELD RECORDING 4800 %

Contractor G.S.I

SHIP

M/V ARCTIC SEAL

NAVIGATION BY 5VLEDS

SHOOTING DATE AUG 10 82

INSTRUMENTS

DTS X

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 2000 m³

SP INTERVAL 25 m

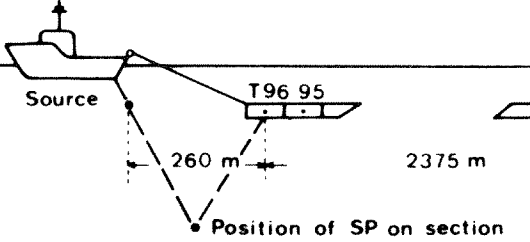
STREAMER

LENGTH 2400 m

DEPTH 17 m

GROUPS 96

GROUP INTERVAL 25 m



DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 5/4

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows 4 2000 4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 x

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

From sea bottom 0 30 70 90

First uncertainty 12 80 Hz

One second after first uncertainty 1000 Hz

Two seconds 8 40 Hz

Three seconds 6 10 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

\*TIME ZERO NB

POLARITY

Geophone compression negative number on field tape

Positive trough on display

TIME ORIGIN M 5.1

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

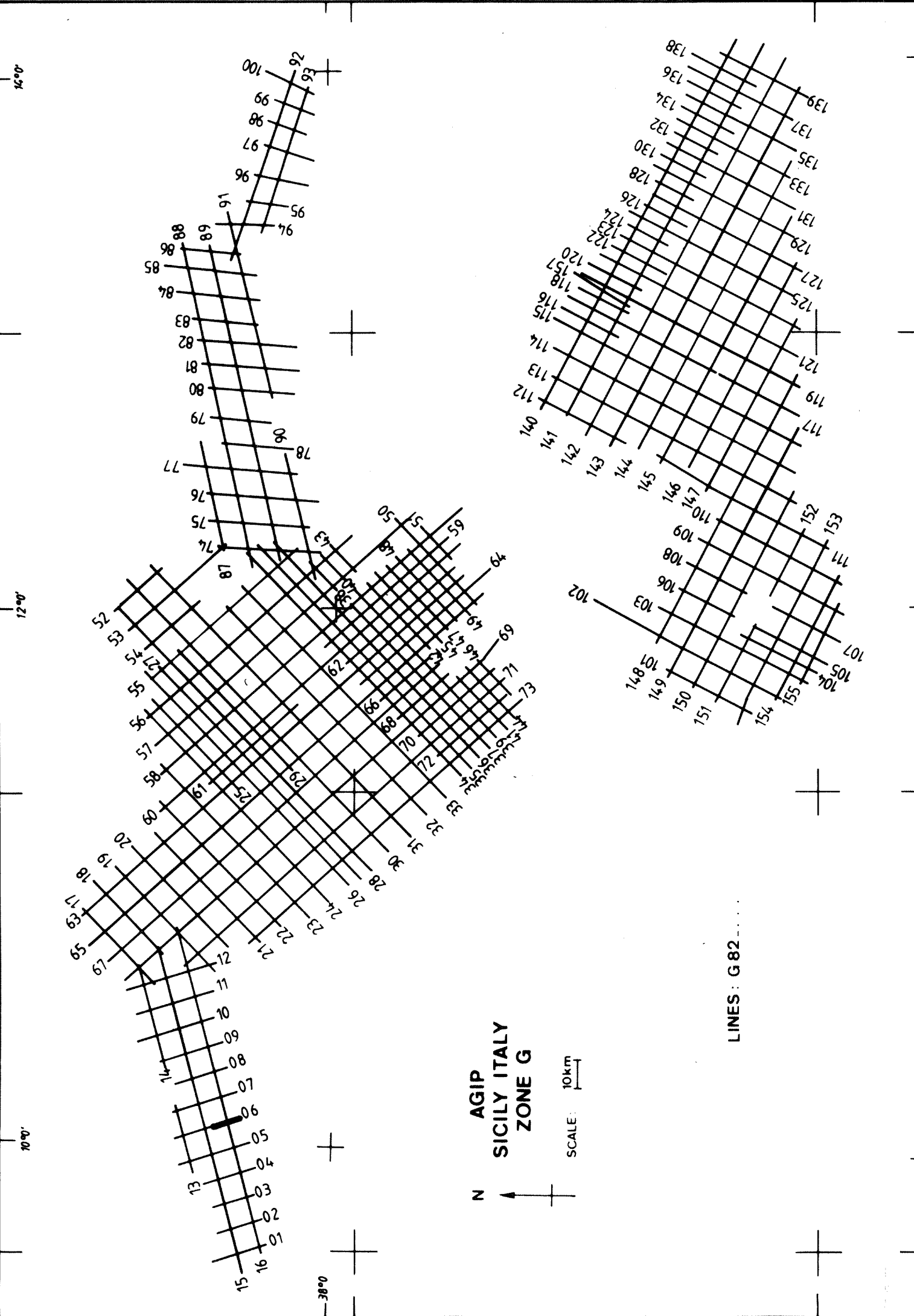
0.5 km

80 Traces/km

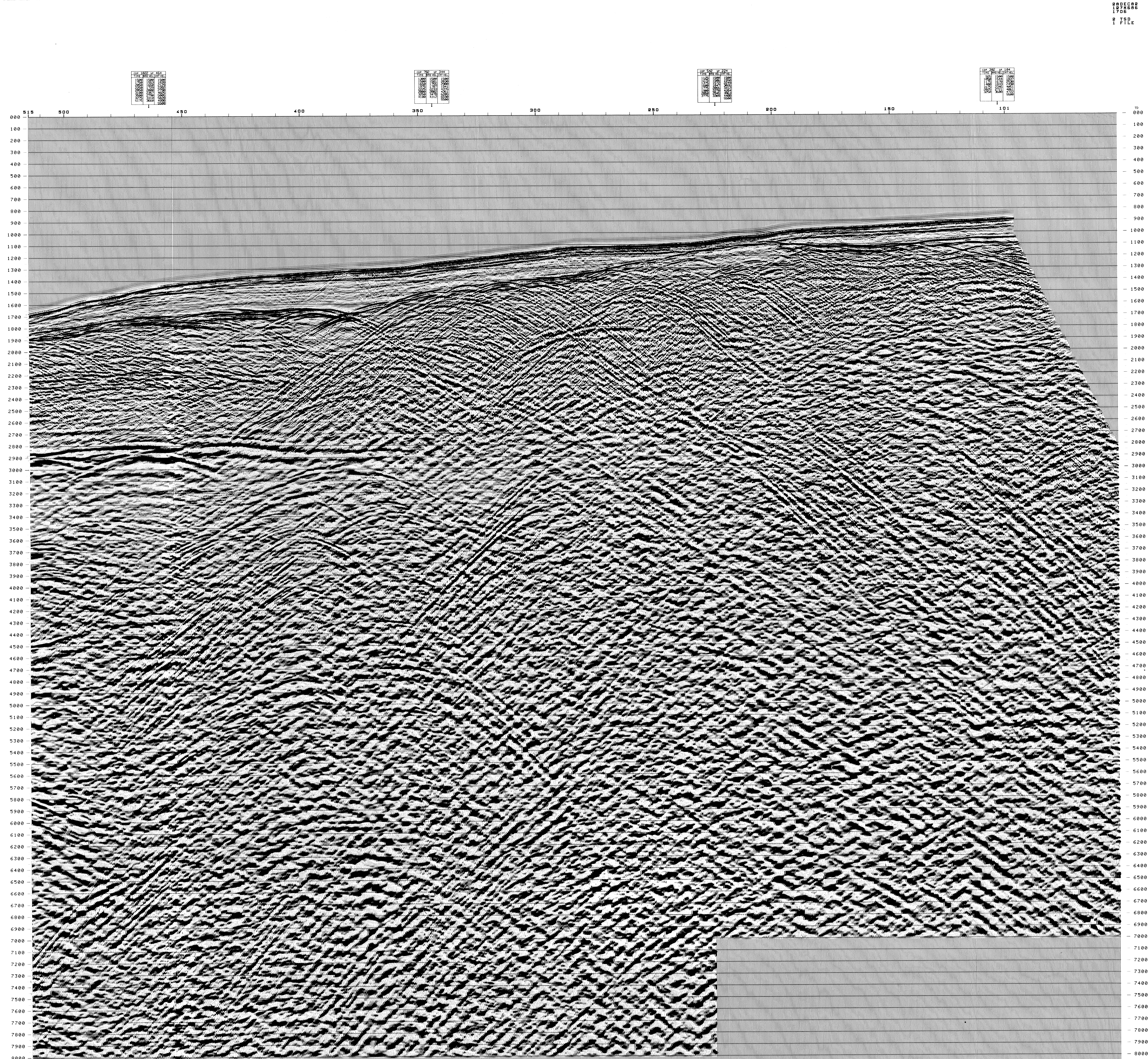
\* CCG x processing code 127 M6 R6

 COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 93001 - MARSY - FRANCE



Geological map showing seismic lines G82 and G81. The map includes a scale bar (0 to 2 km) and a north arrow. The map is labeled "ASIP SIGNI TALLY ZONE G" and "LINES G82".



Seismic data plot showing a large-scale geological structure. The y-axis represents depth in meters (0 to 8000 m), and the x-axis represents distance in kilometers (515 to 101 km). The plot displays a complex pattern of seismic reflections, indicating a deep-seated geological structure. The data is presented as a series of stacked traces, with the top trace labeled "515" and the bottom trace labeled "101".

8800000  
1706  
1780  
FILE