

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SSW560

LINE G82.10A

101NNE

BOAT MOTION ←

PL N°436

STACK 4800% DBS.TVF

NOV 19 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY 511EDS
SHOOTING DATE JULY 21 82

INSTRUMENTS

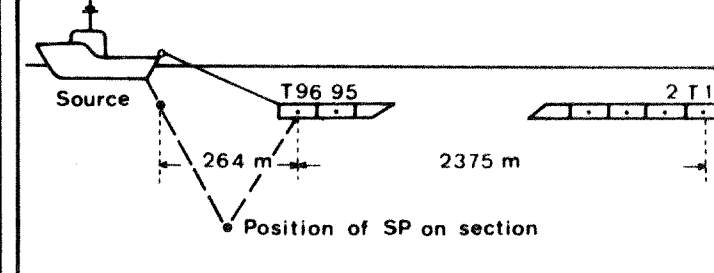
DP-5 2
FORMAT 9 Tracks 1800 BPI
FILTER Low 8 Hz., High 128 Hz
SAMPLING 2 ms

SOURCE

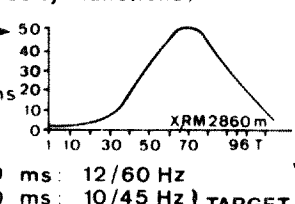
AIRGUN ARRAY
DEPTH 6 m
CAPACITY 2000 m³
SP INTERVAL 25 m

STREAMER

LENGTH 2400 m
DEPTH 10-15 m
GROUPS 95
GROUP INTERVAL 25 m

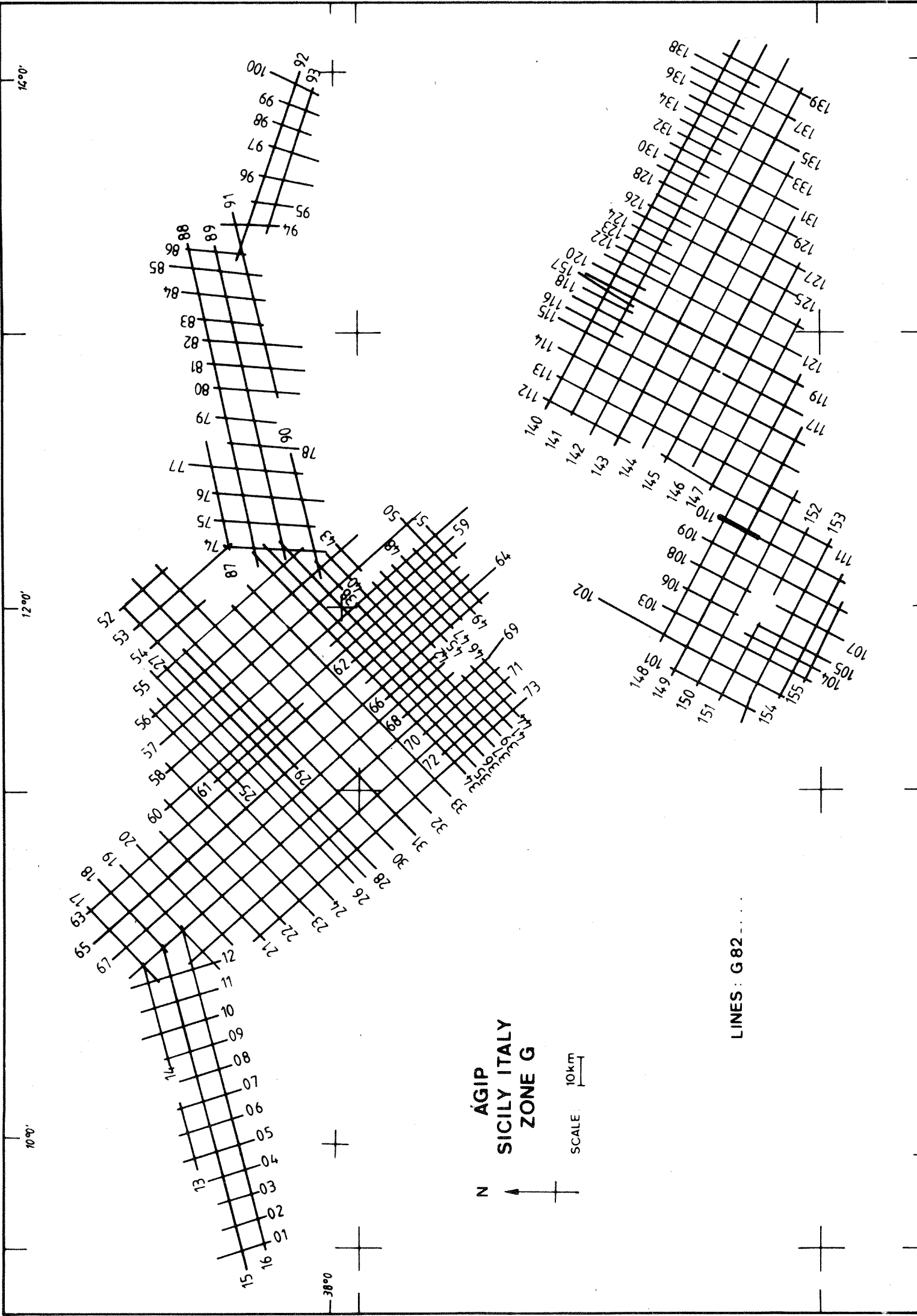


Source
264 m
2375 m
Position of SP on section

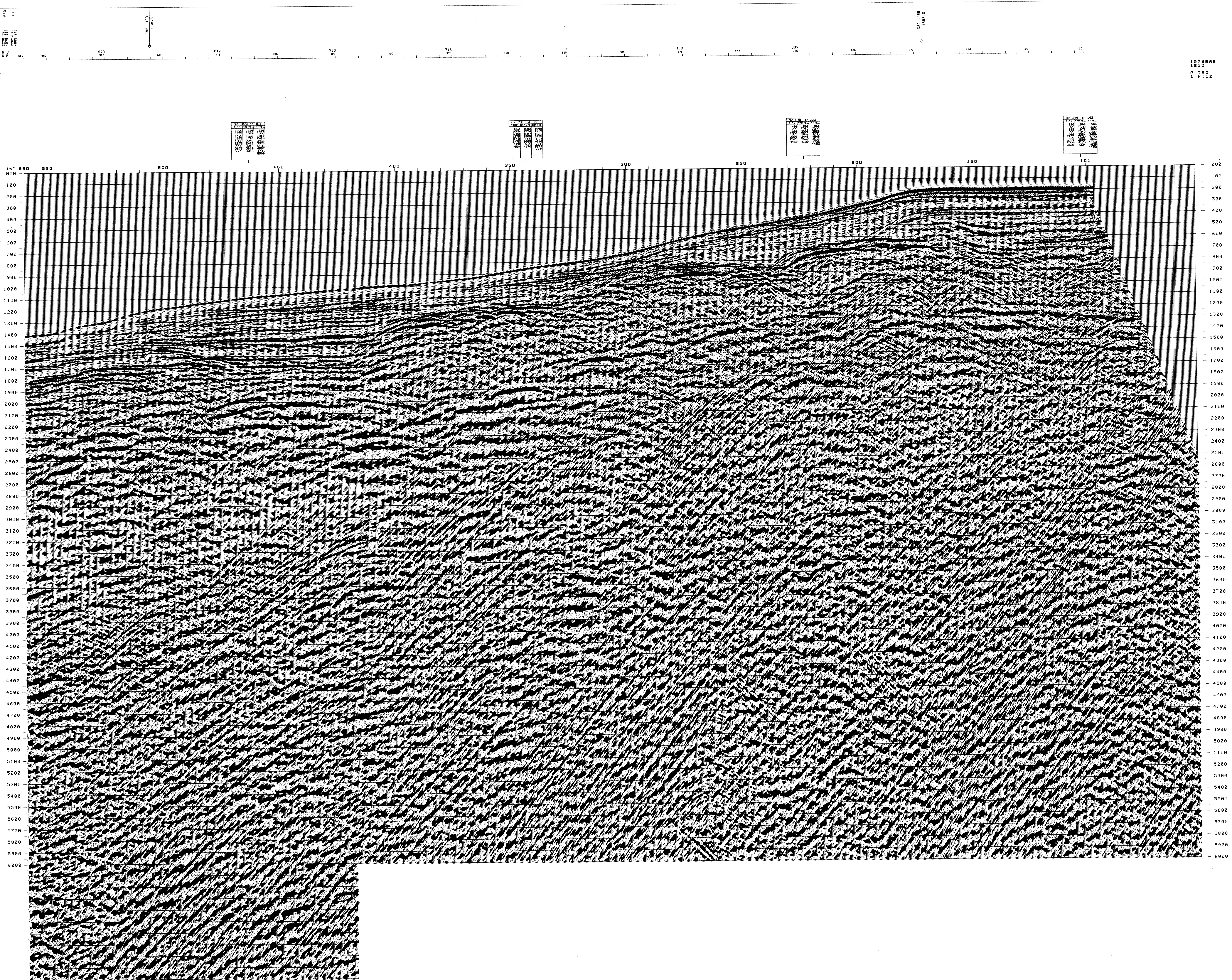
RE-SAMPLE TO 4 ms
DEMULTIPLY & EDIT
TIME AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Windows 0-2000 ms
2000-4000 ms
VELOCITY ANALYSIS (ANUITY EVERY 3 km) 
NMO CORRECTIONS (Linear interpolation between velocity functions)
CHIRP 1 DEPENDENT SCALING 101
STACK 4800% 0-2000 ms 10-128 Hz TARGET
SHOT AND STREAMER STATIC -15 ms
TIME VARIANT FILTER 0-400 ms 12/60 Hz
400 ms 10/45 Hz
2000-4000 ms 6/30 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
Time ZERO WD
POLARITY
Geophone compression negative number on field tape
white trough on display
TIME ORIGIN 11 s 1
Source and streamer static correction applied -15 ms
HORIZONTAL SCALE 0.5 km
80 Traces/km

* C.G.G.'s processing code 127-M6-B6

 COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Galvani - 91301 MASSY - FRANCE



AGIP
SICILY ITALY
ZONE G
SCALE 1:100,000
LINES G82...



101 100 90 80 70 60 50 40 30 20 10 0

560 550 500 450 400 350 300 250 200 150 101

000 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000

101 100 90 80 70 60 50 40 30 20 10 0

1878686
2 TSD
1 FILE

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