Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

WNW 1039 LINE G82.152 571 ESE

BOAT MOTION ←

PL N°451

STACK 4800%.DBS.TVF

NOV 25.82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY	SYLEDIS
SHOOTING DATE	JULY 25.82

INSTRUMENTS

DFS V

FORMAT	9 tracks 1600 BPI
FILTER	Low 8 Hz _ High 128 Hz
SAMPLING	2 ms

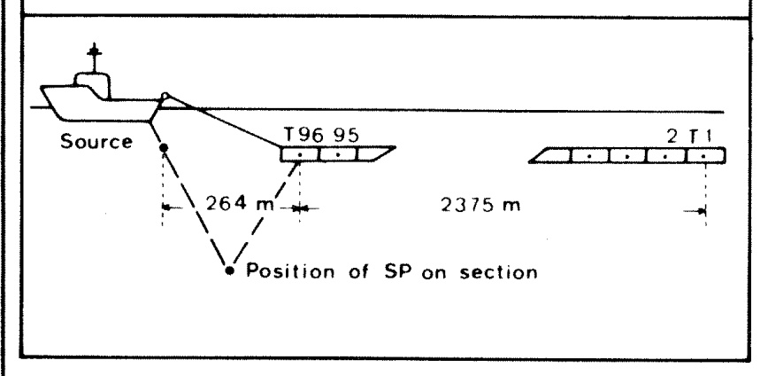
SOURCE

AIRGUN ARRAY

DEPTH	6 m
CAPACITY	2000 in³
SP INTERVAL	25 m

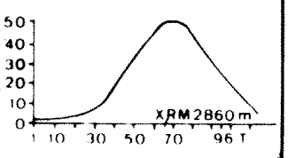
STREAMER

LENGTH	2400 m
DEPTH	≃ 16.5 m
GROUPS	96
GROUP INTERVAL	25 m



DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
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 3Km) ▽
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING →
STACK 4800
SHOT AND STREAMER STATIC + 15 ms



TIME VARIANT FILTER*
0 - 400 ms: 12/60 Hz
900 ms: 10/45 Hz } TARGET
1400 ms: 8/45 Hz } TARGET
2000 - 6000 ms: 6/30 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
*TIME ZERO WB

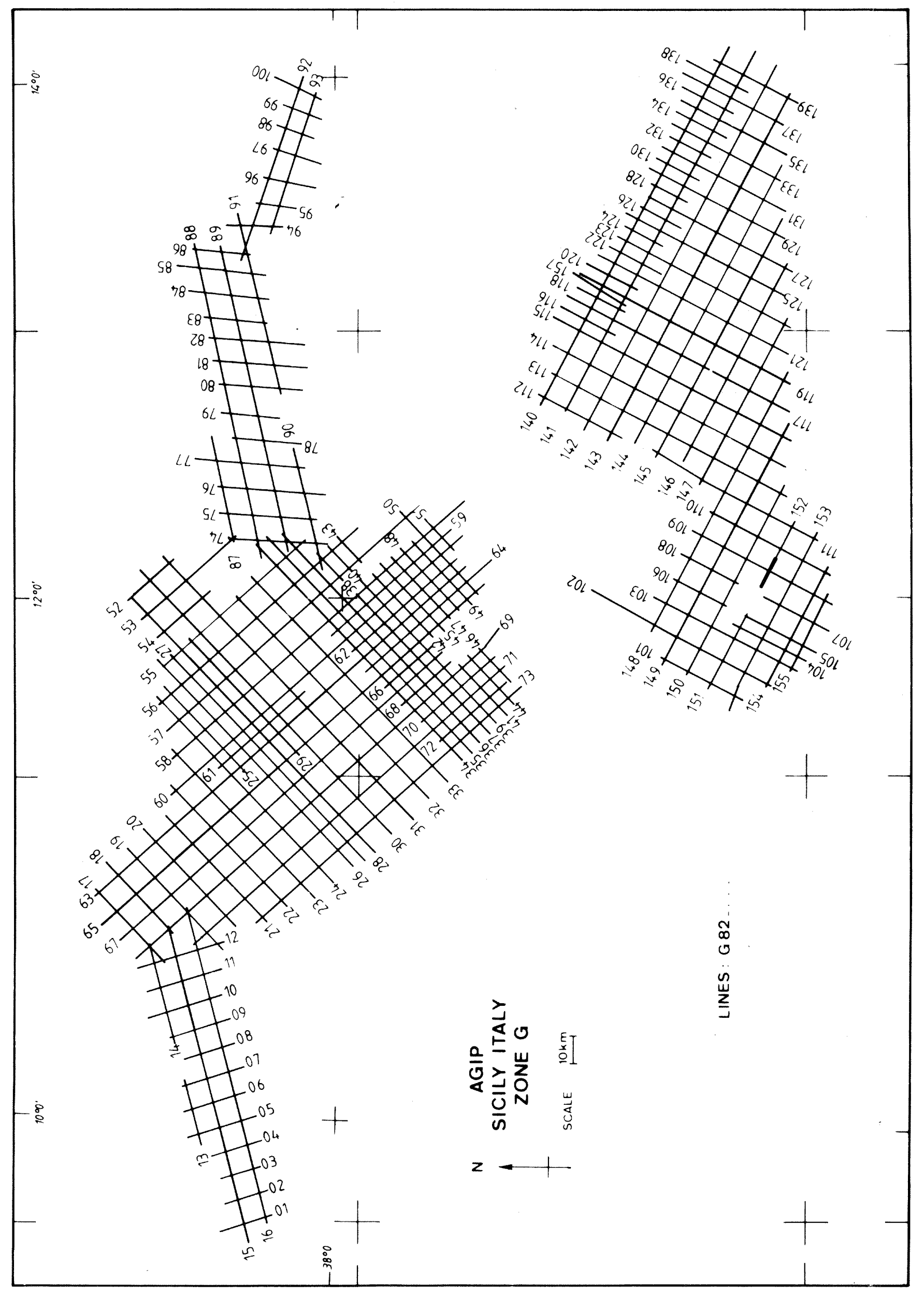
POLARITY
Geophone compression = negative number on field tape
= white trough on display

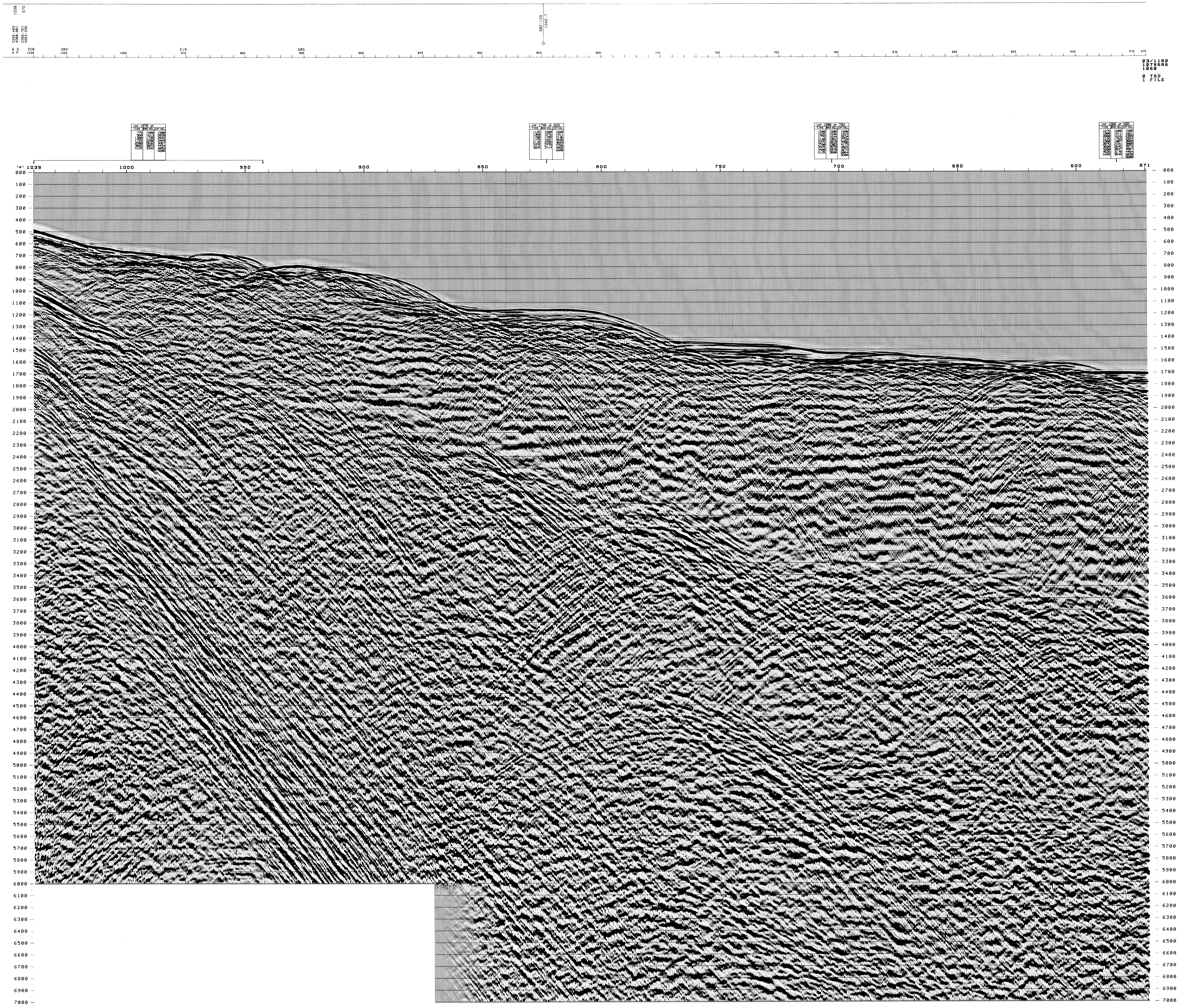
TIME ORIGIN M.S.L.
Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE 0.5 Km
80 Traces/km

* CGG's processing code 127.M6.86

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





CDP 1979 SP

TIME	NMO VEL.	INT VEL.
775	1500	1500
950	1613	2039
1300	1739	2042
1725	2290	3469
2500	2632	3267
3025	3023	4434
4125	3342	4093
		5500

CDP 1740 SP 823

TIME	NMO VEL.	INT VEL.
1125	1500	1500
1350	1576	1911
1700	1709	2146
1775	1931	4695
2125	2292	3603
2475	2779	4766
3825	3714	4992
		5500

CDP 1500 SP 703

TIME	NMO VEL.	INT VEL.
1500	1500	1500
1625	1536	1915
1775	1644	2534
2100	1852	2720
2375	2018	2996
2700	2383	4173
2975	2579	4024
4400	2978	3673
5125	3580	6064
		5500

CDP 1260 SP 583

TIME	NMO VEL.	INT VEL.
1675	1500	1500
1800	1511	1651
2000	1616	2359
2125	1763	3324
2300	1887	3009
2875	2181	3088
3600	2642	3974
4200	3047	4807
4525	3170	4464
5425	3649	5039
		5500