997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

W 984 — LINEA F-75-113 — E 505

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
6 Rue Galvani 91301 MASSY FRANCE

DIGITAL PROCESSING P5

TIME ORIGIN : Source and cable depth

STACK 4800 %

Boat motion ←

333 | Date: FEB 12.76 | Checked NW

PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPCO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 2300 ms ⌟ Below
1900 3600 ms Sea bottom
5 VELOCITY ANALYSIS (VA)
6 NMO CORRECTIONS
(LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS)
7 STACK 4800 %
8 TIME VARIANT FILTER (Origin sea bottom)
9 TRACE EQUALIZATION
10 ANALOG DISPLAY

FIELD RECORDING
SAMPLING RATE 4 ms

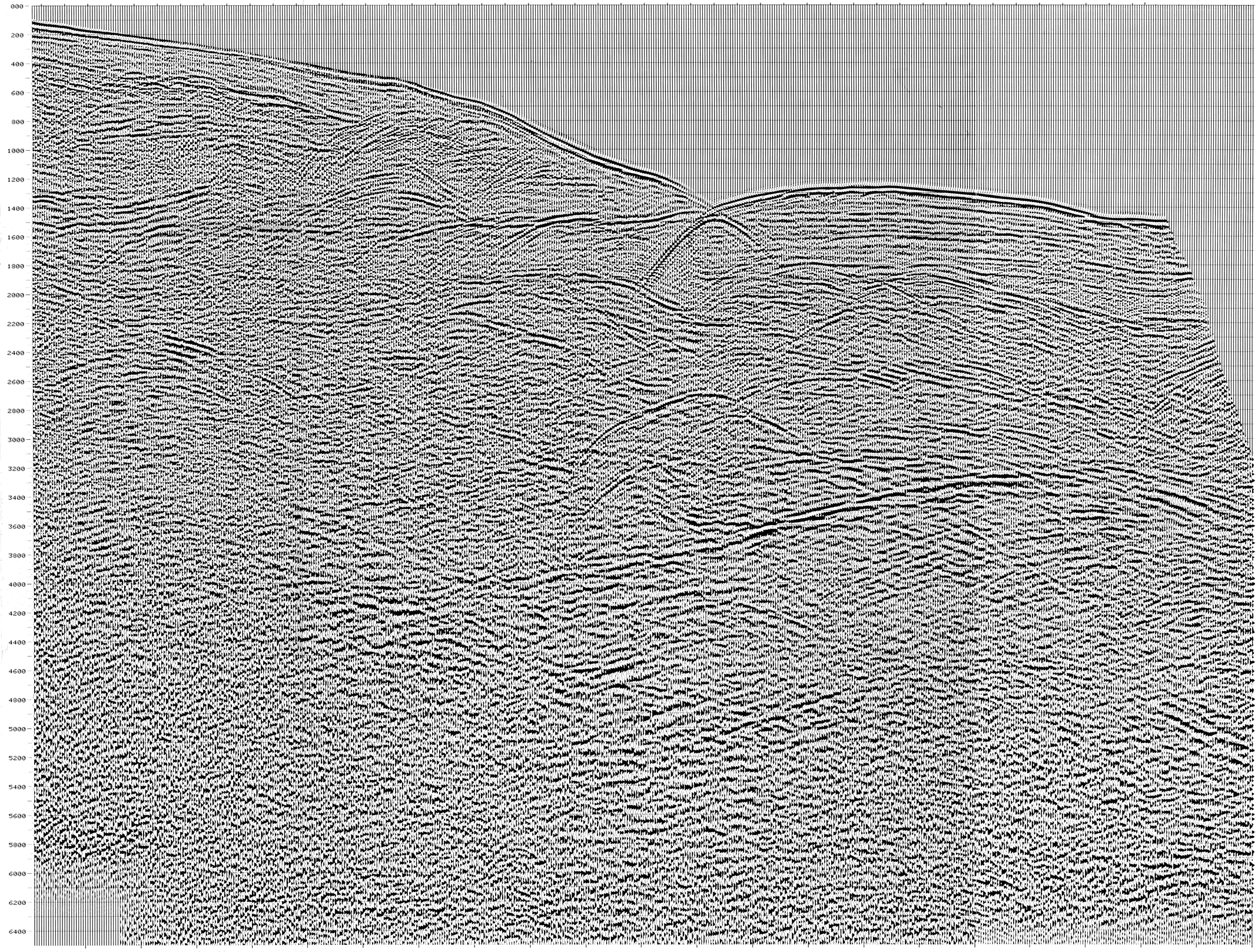
Ship GLORITA TIDE Shooting date : NOV 1975
Field recorder SN 338 filter 1/8-125
Floating point - sampling 4 ms
Streamer 2400 m (Depth 19 m)
groups 48 (group interval 50 m)
Geophones type HC 201 n° 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 6 m)
SP Tr1 Streamer Tr48
330m MOTOROLA positioning

00375

F 75.064 N
2894

Water depth in meters 120 137 149 172 181 193 208 218 244 252 275 295 334 ← NO SOUDINGS

TWT 984 970 960 950 940 930 920 910 900 890 880 870 860 850 840 830 820 810 800 790 780 770 760 750 740 730 720 710 700 690 680 670 660 650 640 630 620 610 600 590 580 570 560 550 540 530 520 510 505



FROM SP	FROM SP	FROM SP	FROM SP	FROM SP
979	871	765	628	430
TO SP	TO SP	TO SP	TO SP	TO SP
994	871	764	624	430

AV. VEL. IN M/S	AV. VEL. IN M/S	AV. VEL. IN M/S	AV. VEL. IN M/S	AV. VEL. IN M/S
1500	1500	1500	1500	1500
1649	1500	1500	1500	1500
1710	1596	1500	1500	1530
1740	1636	1500	1500	1560
1892	1670	1545	1500	1500
2106	1803	1614	1500	1500
2256	2022	1715	1550	1500
2617	2235	1927	1601	1570
2710	2359	1945	1640	1573
2850	2569	2030	1747	1618
3041	2802	2105	1826	1670
3271	3052	2196	1896	1724
3465	3263	2305	1994	1769
3632	3444	2399	2099	2019
3776	3601	2752	2319	2145
3907	3739	3061	2510	2328
4014	3860	3333	2640	2499
4114	3968	3575	2850	2687
4202	4064	3791	3005	2947
4282	4151	3986	3149	2994
4354	4229	4162	3272	3128
4420	4301	4327	3386	3249
4480	4366	4469	3491	3360
4535	4426	4601	3598	3460
4586	4481	4726	3676	3555
4632	4531	4840	3758	3642
4676	4578	4946	3833	3720
4716	4622	5044	3904	3798
4752	4663	5135	3969	3867
4788	4700	5220	4030	3929
4821	4736	5302	4087	3987
4851	4769	5374	4141	4046

VARIABLE FILTER
997.11.50
II
Frequency in Hz
10 15 20 30 40 50 60 70 80
15 60