997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

W 580 **LINEA** F-75-121 E 1

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

327 | Date: FEB 10 .76 | Checked RJG

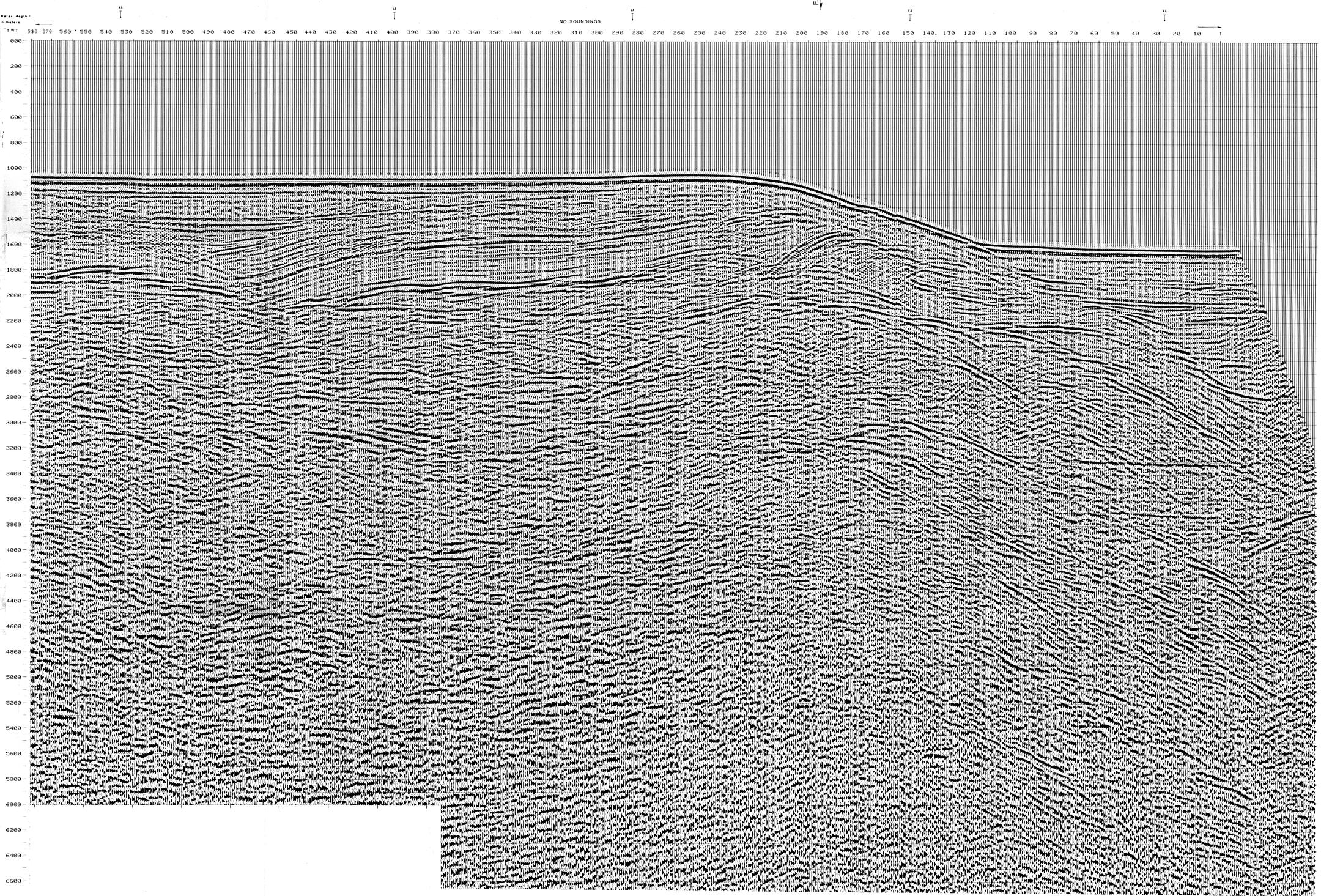
PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPC (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 18 m)
groups 48 (group interval 50 m)
Geophones type HC 201 n° 48 / group
48 fold coverage
Energy source VAPORCHOC (Depth 6 m)
SP Trs Streamer Tr 48
330 m MOTOROLA positioning

00365



TWT	FROM SP 671 TO SP 671 AV. VEL. IN M/S	FROM SP 535 TO SP 535 AV. VEL. IN M/S	FROM SP 401 TO SP 401 AV. VEL. IN M/S	FROM SP 285 TO SP 285 AV. VEL. IN M/S	FROM SP 151 TO SP 151 AV. VEL. IN M/S	FROM SP 1 TO SP 33 AV. VEL. IN M/S
000						
200	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500	1500
1200	1563	1541	1538	1547	1500	1500
1400	1626	1607	1599	1606	1500	1500
1600	1713	1662	1661	1693	1550	1500
1800	1816	1735	1732	1798	1596	1538
2000	1918	1863	1833	1939	1695	1581
2200	2016	1975	1977	2072	1783	1654
2400	2135	2063	2076	2198	1883	1726
2600	2175	2137	2160	2307	2050	1866
2800	2425	2442	2362	2509	2166	1986
3000	2689	2721	2555	2745	2258	2164
3200	2884	2913	2749	2940	2341	2319
3400	3055	3083	2929	3108	2449	2450
3600	3208	3234	3088	3258	2636	2566
3800	3344	3369	3231	3392	2802	2703
4000	3467	3490	3359	3512	2952	2858
4200	3578	3600	3476	3621	3088	2998
4400	3679	3700	3581	3720	3211	3125
4600	3771	3792	3678	3810	3323	3242
4800	3856	3875	3766	3893	3427	3348
5000	3933	3952	3847	3969	3521	3446
5200	4005	4023	3923	4040	3609	3537
5400	4072	4089	3992	4105	3690	3621
5600	4133	4150	4057	4166	3766	3698
5800	4191	4207	4117	4222	3836	3771
6000	4244	4260	4173	4274	3901	3838
6200	4295	4310	4225	4324	3962	3902
6400	4342	4356	4274	4370	4020	3961
6600	4386	4400	4321	4413	4074	4017

VARIABLE FILTER
997-11-50
II
Frequency in Hz
10 20 30 40 50 60 70 80