997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 2937 — LINEA F-76-08 — SE 3459

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
4, Rue Galilee - 75001 PARIS - FRANCE

DIGITAL PROCESSING P5
TIME ORIGIN: Source and cable depth
STACK 4800 %
Boat motion →

589 | Date: JUNE 2.76 | Checked

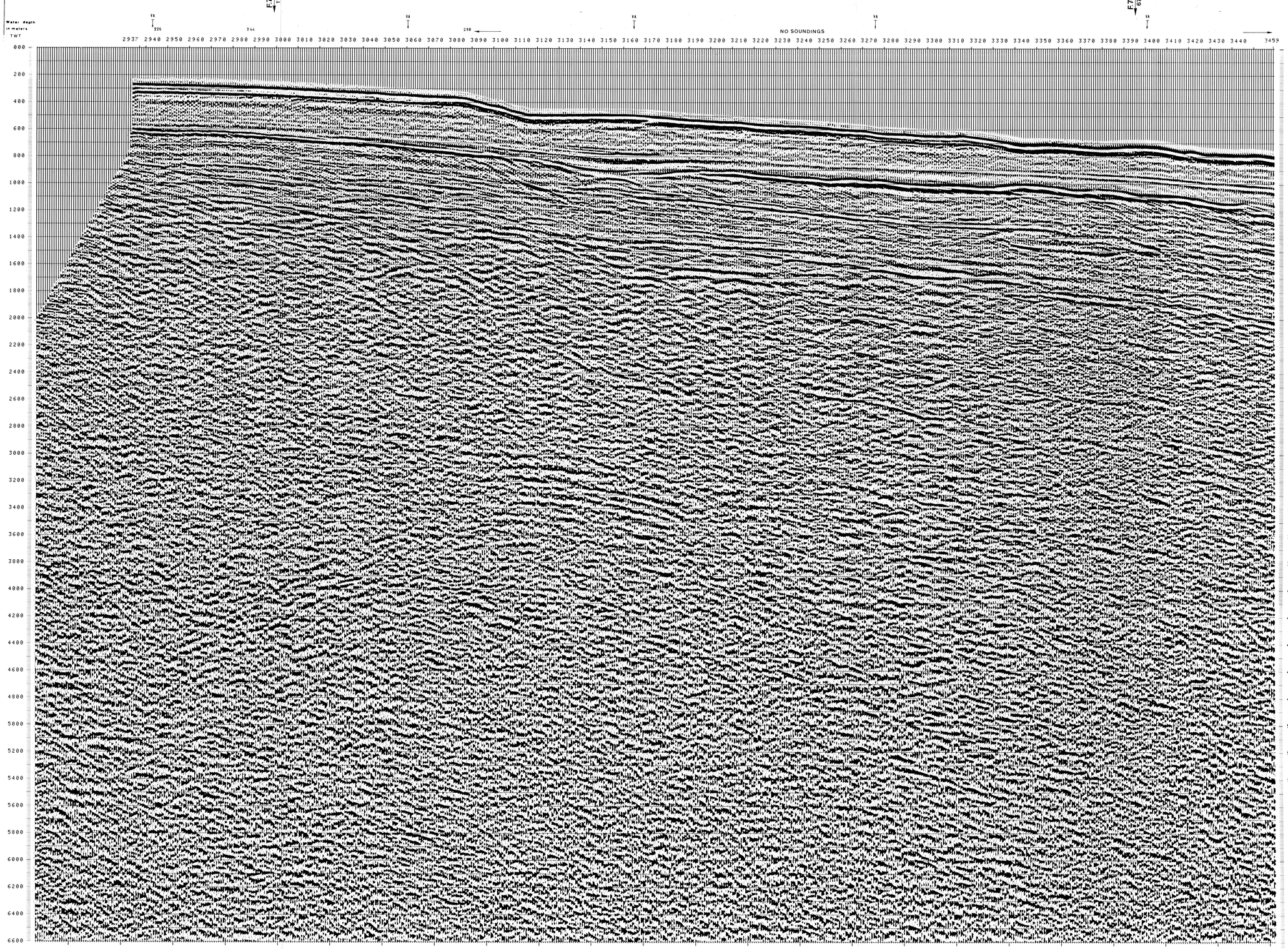
PROCESSING
SAMPLING RATE 4 ms

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 RMS 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 FEB 1976
Field recorder SN 338 filter V8-125
Floating point, sampling 4 ms
Streamer 2400 m (Depth 20 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
310 m SHORAN positioning

00041



TWT	FROM SP 2890 TO SP 2942 AV.VEL. IN M/S	FROM SP 3060 TO SP 3064 AV.VEL. IN M/S	FROM SP 3164 TO SP 3275 AV.VEL. IN M/S	FROM SP 3275 TO SP 3400 AV.VEL. IN M/S	FROM SP 3400 TO SP 3519 AV.VEL. IN M/S	FROM SP 3519 TO SP 3638 AV.VEL. IN M/S	FROM SP 3638 TO SP 3638 AV.VEL. IN M/S
000							
200	1500	1500	1500	1500	1500	1500	1500
400	1598	1544	1500	1500	1500	1500	1500
600	1741	1607	1554	1500	1500	1500	1500
800	2024	1763	1644	1662	1522	1500	1500
1000	2290	2028	1820	1778	1595	1566	1520
1200	2632	2279	2034	1948	1743	1652	1552
1400	3028	2555	2324	2070	1856	1759	1677
1600	3214	3131	2582	2209	2190	1880	1869
1800	3590	3630	2923	2526	2672	2076	2032
2000	3691	3637	3305	2847	3057	2291	2294
2200	4137	4086	3604	3179	3378	2623	2536
2400	4343	4297	3854	3464	3646	2899	2804
2600	4516	4474	4065	3765	3874	3184	3038
2800	4665	4626	4246	3912	4068	3426	3292
3000	4794	4758	4403	4091	4237	3639	3513
3200	4907	4873	4540	4248	4385	3824	3706
3400	5006	4974	4662	4386	4515	3988	3876
3600	5095	5065	4769	4509	4631	4133	4027
3800	5174	5146	4866	4619	4734	4263	4163
4000	5245	5218	4952	4718	4828	4379	4285
4200	5310	5284	5031	4808	4912	4485	4395
4400	5366	5344	5102	4889	4989	4581	4495
4600	5422	5398	5167	4964	5059	4669	4587
4800	5471	5448	5227	5032	5123	4749	4670
5000	5516	5494	5282	5095	5182	4823	4746
5200	5558	5537	5332	5152	5237	4892	4819
5400	5596	5576	5379	5206	5287	4955	4885
5600	5632	5613	5423	5256	5334	5014	4946
5800	5666	5647	5463	5302	5376	5068	5003
6000	5697	5679	5501	5345	5418	5119	5056
6200	5726	5708	5537	5386	5456	5167	5106
6400	5753	5736	5570	5424	5492	5212	5153
6600	5779	5762	5601	5459	5526	5254	5197

VARIABLE FILTER
997.11.50 VII
Frequency in Hz
0 5 10 15 20 25 30 35 40
11 60
T0 T30
T0 T30