997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 1 — LINEA F-75-54 — SE 649

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

354 | Date: FEB 19.76 | Checked

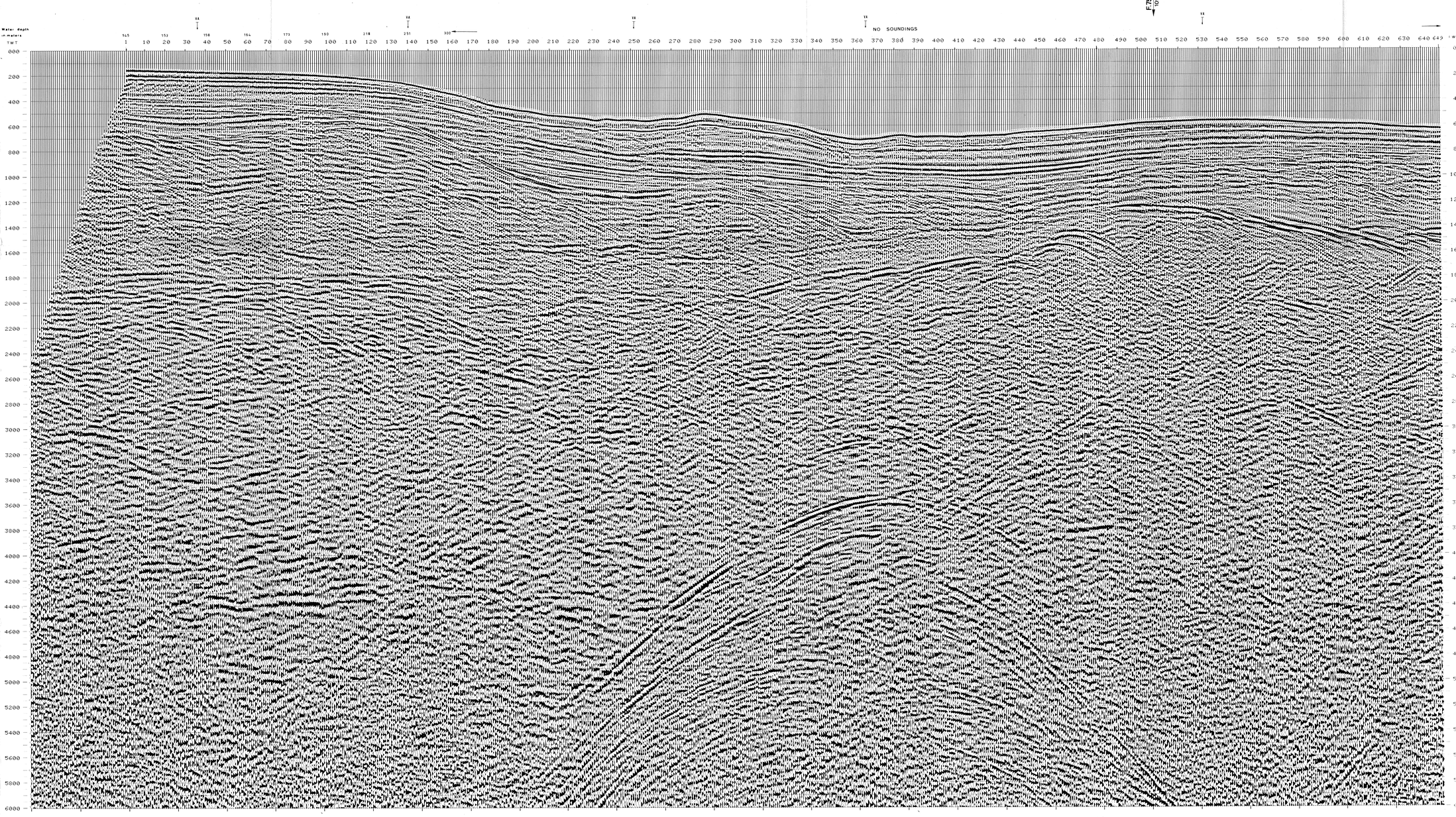
PROCESSING
SAMPLING RATE 4 ms

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 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 VB 125
Floating point, sampling 4 ms
Streamer 2400 m (Depth 19 m)
groups 48 (group interval 50 m)
Geophones type HC 201 nr 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 6 m)
SP Tr1 Streamer Tr48
330 m MOTOROLA positioning

00237



TWT	F7554 FROM SP 1 TO SP 35	FROM SP 136 TO SP 139	FROM SP 250 TO SP 251	FROM SP 364 TO SP 365	FROM SP 530 TO SP 531	FROM SP 656 TO SP 657
	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	AV. VEL. IN M/S
000						
200	1567	1500	1500	1500	1500	1500
400	1601	1537	1500	1500	1500	1500
600	1717	1591	1537	1500	1527	1500
800	1799	1709	1603	1543	1574	1547
1000	1863	1761	1637	1601	1620	1588
1200	1941	1815	1687	1699	1756	1686
1400	2012	1863	1855	1788	1912	1792
1600	2088	1904	1943	1949	2046	1910
1800	2147	2044	2038	2099	2149	2013
2000	2287	2161	2115	2216	2228	2108
2200	2449	2293	2251	2312	2317	2186
2400	2581	2434	2413	2399	2459	2277
2600	2771	2675	2540	2480	2716	2488
2800	3003	2898	2649	2549	2937	2724
3000	3189	3092	2859	2766	3127	2929
3200	3352	3261	3043	2956	3294	3109
3400	3496	3410	3205	3123	3442	3267
3600	3624	3543	3349	3272	3573	3408
3800	3739	3662	3478	3405	3690	3534
4000	3842	3769	3594	3524	3795	3647
4200	3935	3865	3699	3633	3891	3749
4400	4020	3953	3795	3731	3978	3843
4600	4097	4033	3882	3821	4057	3926
4800	4168	4107	3962	3904	4129	4006
5000	4233	4175	4035	3979	4196	4077
5200	4294	4237	4103	4049	4258	4144
5400	4349	4295	4166	4114	4315	4205
5600	4401	4349	4224	4174	4368	4262
5800	4449	4399	4279	4231	4417	4315
6000	4494	4446	4329	4283	4463	4364

VARIABLE FILTER
997-11-50
II
Frequency in Hz