997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 4879 — LINEA F.76-12 — SE 4301

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

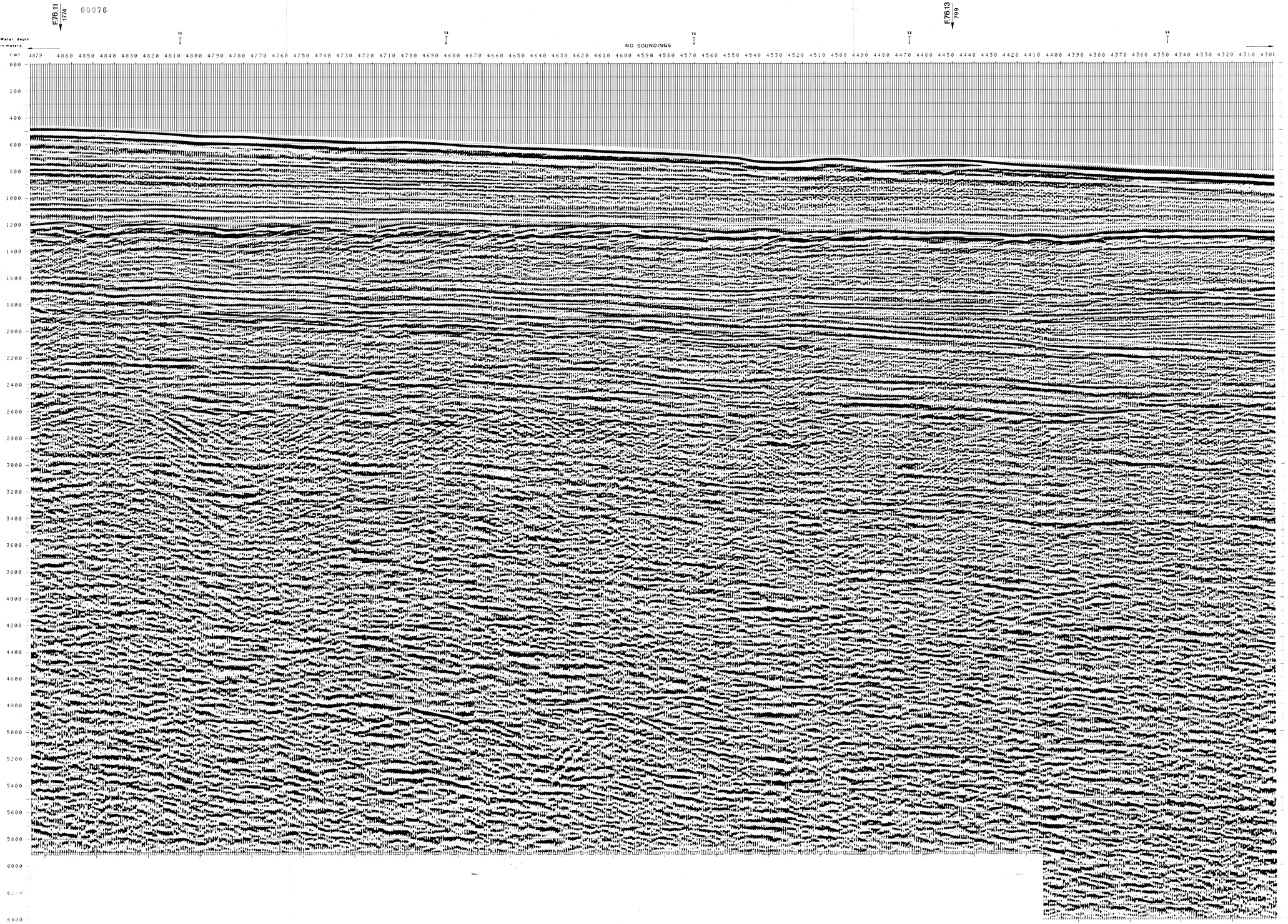
670 | Date: JUNE 17-76 | Checked

PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAF (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 RMO 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: JAN/1976
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 Tr1 Streamer Tr48
340m SHORAN positioning



TWT	FROM SP TO SP 4926 4808	FROM SP TO SP 4808 4685	FROM SP TO SP 4685 4569	FROM SP TO SP 4569 4469	FROM SP TO SP 4469 4349	FROM SP TO SP 4349 4229	FROM SP TO SP 4229
	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	AV.VEL. IN M/S
000							
200	1500	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500	1500
600	1537	1516	1500	1500	1500	1500	1500
800	1608	1612	1671	1602	1523	1500	1500
1000	1784	1729	1757	1766	1595	1605	1529
1200	2006	1837	1953	1852	1867	1667	1586
1400	2162	1982	1993	1959	1917	1755	1650
1600	2322	2103	2119	2081	1979	1810	1723
1800	2483	2197	2141	2151	2024	1869	1798
2000	2613	2296	2249	2209	2089	1955	1873
2200	2921	2373	2516	2290	2206	2065	1989
2400	3178	2646	2746	2600	2364	2227	2100
2600	3395	2904	2996	2870	2644	2517	2283
2800	3561	3129	3212	3094	2863	2761	2463
3000	3742	3317	3398	3287	3091	2964	2696
3200	3683	3485	3561	3457	3273	3170	2965
3400	4000	3632	3704	3606	3433	3337	3087
3600	4110	3794	3832	3739	3576	3485	3249
3800	4217	3862	3946	3858	3703	3617	3293
4000	4300	3956	4048	3965	3816	3736	3524
4200	4367	4063	4141	4062	3922	3844	3642
4400	4460	4170	4220	4150	4110	3942	3749
4600	4527	4250	4303	4231	4113	4031	3847
4800	4589	4323	4374	4304	4182	4113	3930
5000	4640	4390	4439	4372	4254	4189	4019
5200	4697	4450	4499	4435	4322	4258	4095
5400	4745	4509	4554	4493	4384	4323	4160
5600	4790	4562	4606	4547	4441	4363	4231
5800	4836	4612	4654	4597	4495	4439	4292
6000	4871	4658	4699	4643	4545	4491	4349
6200	4907	4701	4741	4687	4592	4539	4402
6400	4941	4742	4780	4728	4636	4585	4452

VARIABLE FILTER
997-11-50
VII
Frequency in Hz
9 12 18 24 30 36 48 60