997-11-50

AGIP

OFFSHORE ITALIA
ZONA F

SW 620 — LINEA F-76-13 — NE 1270

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

644 | Date: JUNE 15 .76 | Checked

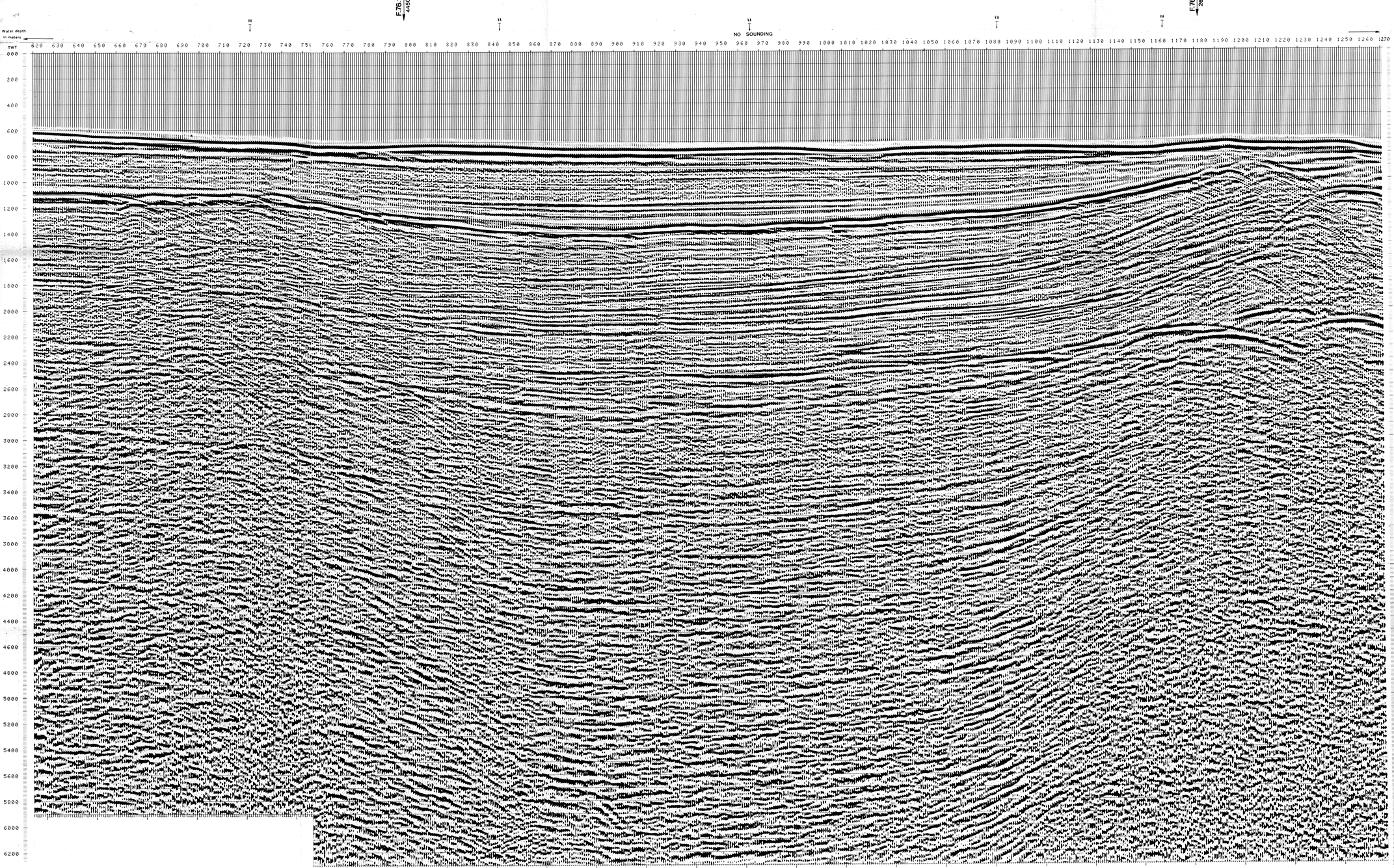
PROCESSING (SAMPLING RATE 4 ms)

1 AMPLITUDE RECOVERY
2 MAPCO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 2300 ms } Below
1900 3600 ms } Sea bottom
5 VELOCITY ANALYSIS (NA)
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)

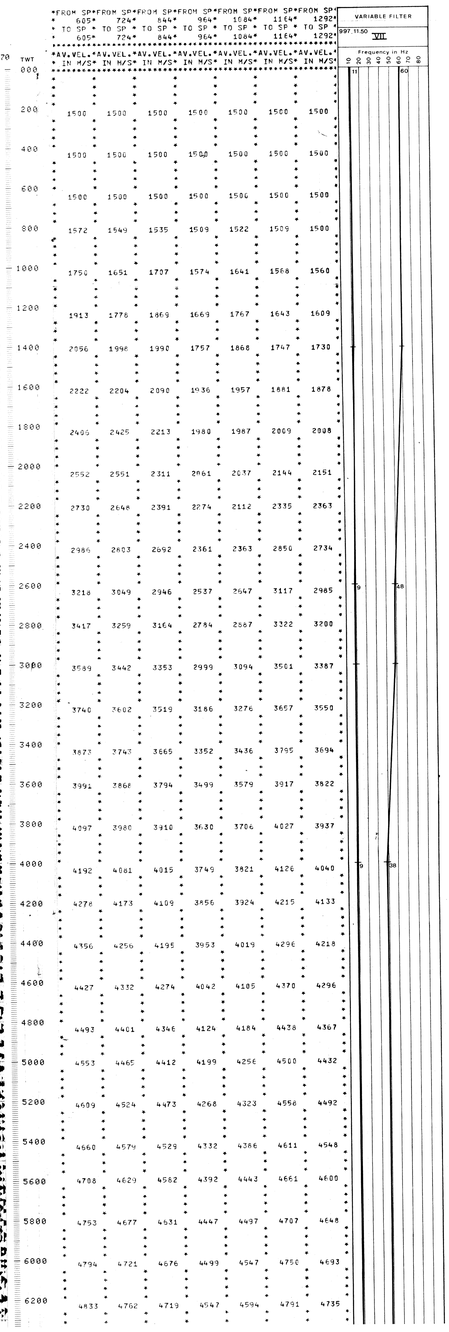
Ship GLORITA TIDE Shooting date JAN 1976
Field recorder SN 338 filter 1/8 125
Floating point - sampling 4 ms
Streamer 2400 m (Depth 18 m)
groups 48 (group interval 50 m)
Geophones type HC 201 n° 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 6 m)
1F Tri Streamer Tr48
335m SHORAN positioning

00082



TWT	FROM SP TO SP	FROM SP TO SP	FROM SP TO SP	FROM SP TO SP	FROM SP TO SP	FROM SP TO SP	FROM SP TO SP
	605*	724*	844*	964*	1084*	1164*	1292*
	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*
200	1500	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500	1500
800	1572	1549	1535	1509	1522	1509	1500
1000	1750	1651	1707	1574	1641	1568	1560
1200	1913	1776	1869	1669	1767	1643	1609
1400	2056	1996	1990	1757	1868	1747	1730
1600	2222	2204	2090	1936	1957	1881	1878
1800	2405	2425	2213	1980	1987	2009	2008
2000	2552	2551	2311	2061	2037	2144	2151
2200	2730	2648	2391	2274	2112	2335	2363
2400	2986	2803	2692	2361	2363	2850	2734
2600	3218	3049	2946	2537	2647	3117	2985
2800	3417	3259	3164	2784	2867	3322	3200
3000	3589	3442	3353	2999	3094	3501	3387
3200	3740	3602	3519	3186	3276	3657	3550
3400	3873	3747	3665	3352	3436	3795	3694
3600	3991	3868	3794	3499	3579	3917	3822
3800	4097	3980	3910	3630	3704	4027	3937
4000	4192	4081	4015	3749	3821	4126	4040
4200	4276	4173	4109	3856	3924	4215	4133
4400	4356	4256	4195	3953	4019	4296	4218
4600	4427	4332	4274	4042	4105	4370	4296
4800	4493	4401	4346	4124	4184	4438	4367
5000	4553	4465	4412	4199	4256	4500	4432
5200	4609	4524	4473	4268	4323	4558	4492
5400	4660	4579	4529	4332	4386	4611	4548
5600	4708	4629	4582	4392	4443	4661	4600
5800	4753	4677	4631	4447	4497	4707	4648
6000	4794	4721	4676	4499	4547	4750	4693
6200	4833	4762	4719	4547	4594	4791	4735

VARIABLE FILTER

997.11.50 VII

Frequency in Hz