997-11.50

AGIP

OFFSHORE ITALIA
ZONA F

SW 1 — **LINEA F-76-13** — NE 619

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
Ex Compagnie Générale Sismique

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

643 | Date: JUNE 15 .76 | Checked: K.K.

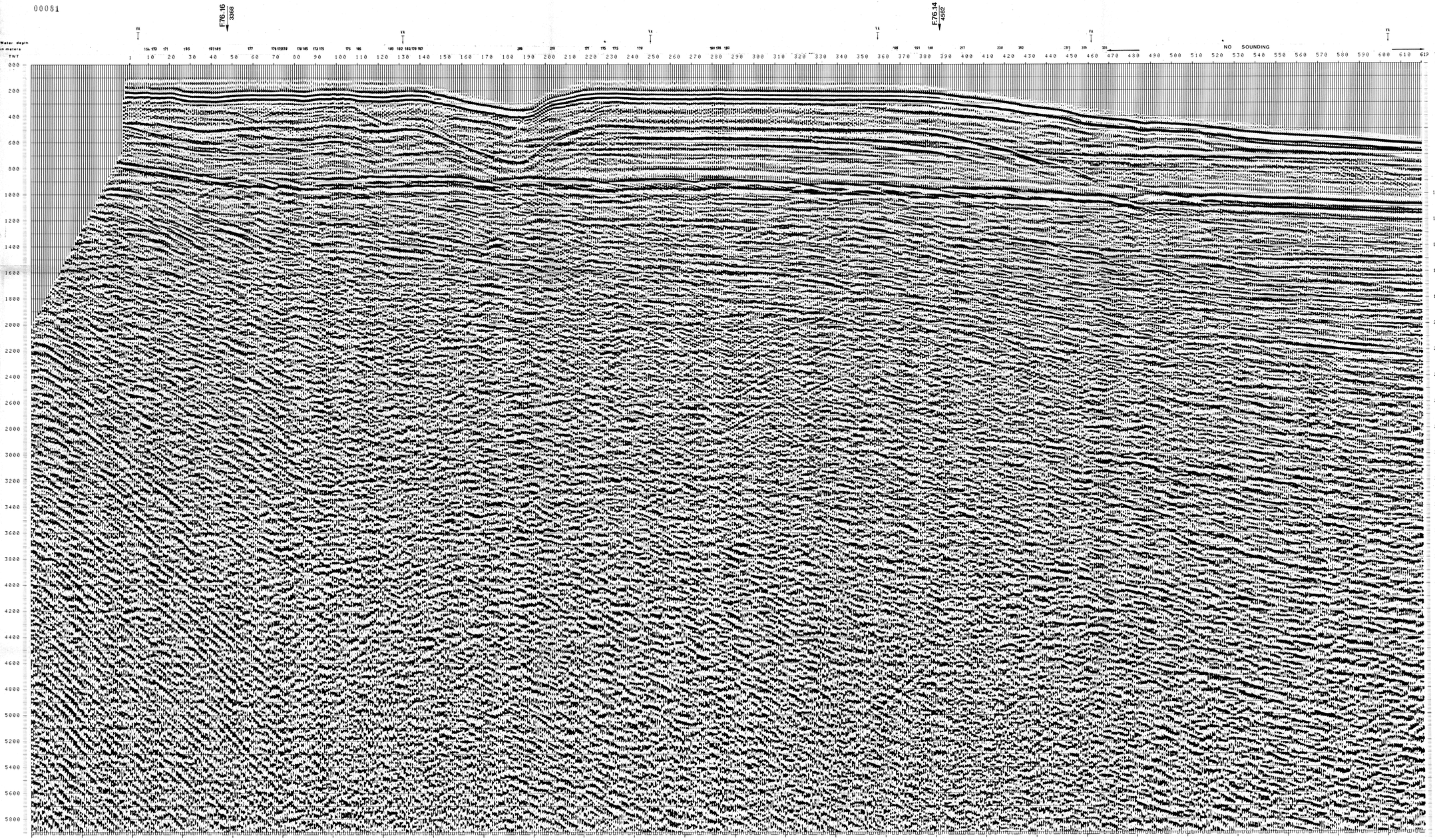
PROCESSING
SAMPLING RATE 4 ms

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 JAN/1976
Field recorder SN 338 filter VB-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)
Tf Tr1 Streamer Tr48
335 m SHORAN positioning

00081



TWT	FROM SP 1 TO SP 4 AV. VEL. IN M/S	FROM SP 132 TO SP 132 AV. VEL. IN M/S	FROM SP 253 TO SP 253 AV. VEL. IN M/S	FROM SP 358 TO SP 358 AV. VEL. IN M/S	FROM SP 461 TO SP 461 AV. VEL. IN M/S	FROM SP 605 TO SP 605 AV. VEL. IN M/S	FROM SP 724 TO SP 724 AV. VEL. IN M/S
200	1500	1500	1500	1500	1500	1500	1500
400	1590	1659	1604	1596	1500	1500	1500
600	1730	1743	1730	1649	1613	1500	1500
800	2061	1912	1865	1928	1835	1572	1549
1000	2269	2204	2166	2097	1943	1750	1651
1200	2705	2536	2388	2224	2216	1913	1776
1400	3164	2792	2661	2621	2435	2056	1998
1600	3594	3197	2957	2957	2646	2222	2204
1800	3926	3575	3362	3362	2945	2405	2425
2000	4195	3878	3686	3686	3261	2552	2591
2200	4413	4125	3951	3951	3555	2730	2648
2400	4595	4331	4171	4171	3734	2986	2803
2600	4750	4506	4358	4358	3977	3216	3049
2800	4882	4655	4518	4518	4143	3417	3259
3000	4996	4785	4657	4657	4287	3589	3442
3200	5097	4898	4778	4778	4413	3740	3602
3400	5185	4993	4880	4886	4524	3877	3743
3600	5264	5087	4981	4981	4622	3991	3868
3800	5334	5167	5066	5066	4711	4097	3980
4000	5397	5239	5143	5143	4790	4192	4081
4200	5454	5303	5212	5212	4862	4276	4173
4400	5506	5362	5275	5275	4927	4356	4256
4600	5554	5416	5333	5333	4987	4427	4332
4800	5598	5465	5385	5385	5042	4493	4401
5000	5638	5511	5434	5434	5092	4553	4465
5200	5675	5553	5479	5479	5139	4609	4524
5400	5709	5591	5520	5520	5181	4660	4579
5600	5741	5627	5559	5559	5221	4708	4629
5800	5775	5661	5595	5595	5259	4753	4677

VARIABLE FILTER

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Frequency in Hz

2	3	5	8	12	18	60
11						60
9				18		
7						
5						
3						
1						