997-11-50

AGIP

OFFSHORE ITALIA
ZONA F

SW 1 — LINEA F-75-43 — NE 474

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
6 Rue Galvani - 91021 - MASSY - FRANCE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

688 | Date: JUNE 21,76 | 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 / 1900 - 3600 ms } Below 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 DEC/1975
Field recorder SN 338 filter V/8 125
Floating point, sampling 4 ms
Streamer 2400 m (Depth 19 m)
groups 48 (group interval 50 m)
Geophones type HC 201 n° 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 6 m)
SP 1 Streamer 48
310 m SHORAN positioning

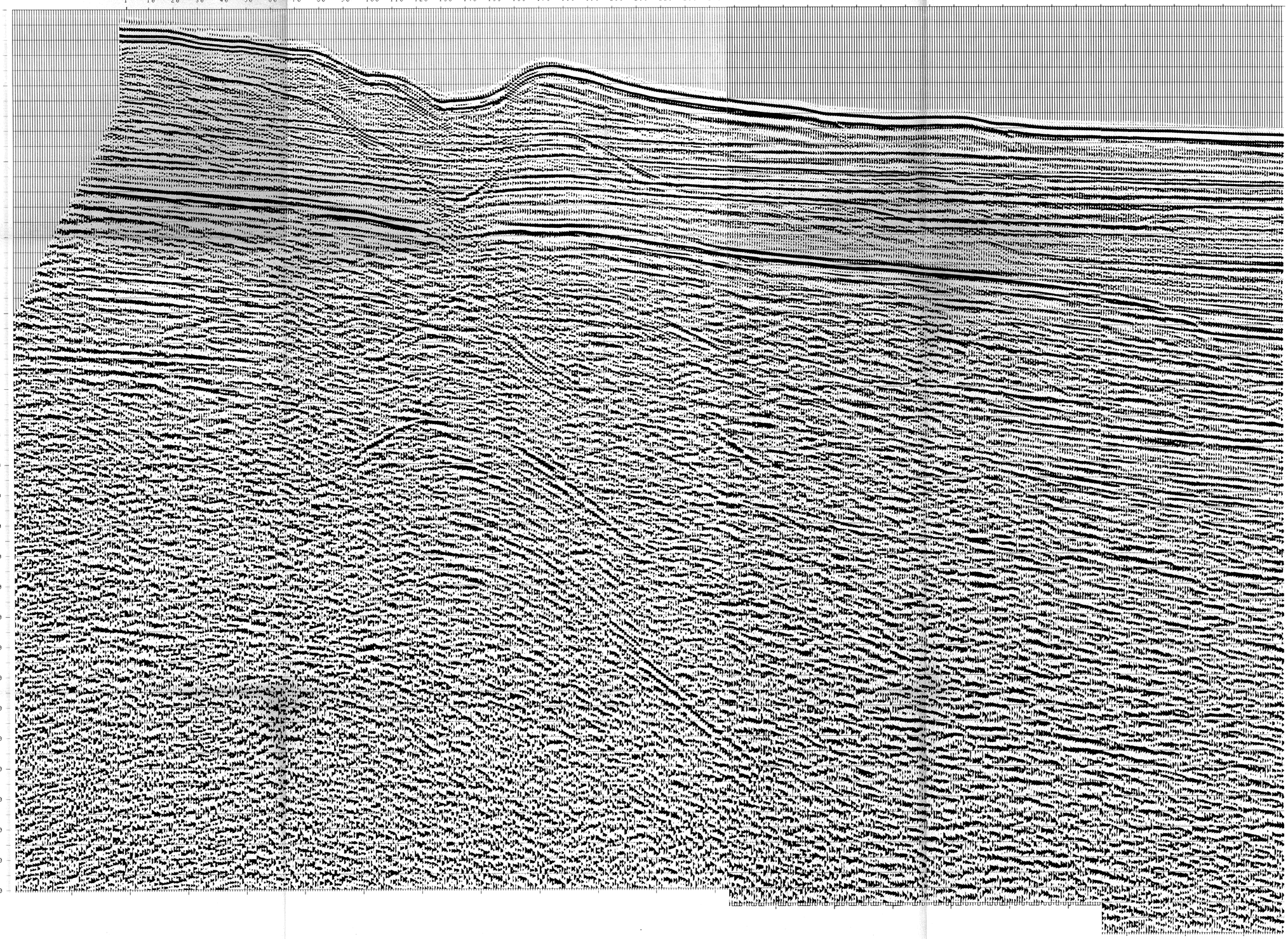
00210

F.75.18 831

Water depth in meters

VA 176 VA 213 VA 302 VA VA VA

NO SOUNDINGS



TWT	*FROM SP* 1* TO SP * 37*	*FROM SP* 113* TO SP * 103*	*FROM SP* 161* TO SP * 161*	*FROM SP* 262* TO SP * 262*	*FROM SP* 477* TO SP * 477*
	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
400	1601	1500	1527	1500	1500
600	1772	1619	1553	1500	1500
800	1880	1739	1611	1558	1500
1000	1943	1811	1684	1624	1554
1200	1992	1909	1737	1706	1589
1400	2329	2028	1788	1806	1662
1600	2683	2326	1946	1882	1709
1800	2884	2561	2145	2047	1795
2000	3109	2720	2292	2210	1880
2200	3427	3032	2632	2598	2094
2400	3691	3306	2968	2926	2419
2600	3915	3559	3249	3207	2802
2800	4107	3776	3488	3449	3146
3000	4273	3964	3696	3659	3376
3200	4418	4129	3877	3843	3577
3400	4547	4274	4037	4005	3755
3600	4661	4404	4180	4149	3913
3800	4763	4519	4307	4276	4054
4000	4854	4623	4422	4394	4182
4200	4938	4717	4525	4499	4297
4400	5013	4803	4620	4595	4402
4600	5082	4881	4706	4682	4497
4800	5145	4953	4785	4762	4585
5000	5203	5018	4857	4835	4665
5200	5257	5079	4924	4903	4740
5400	5307	5136	4986	4966	4809
5600	5353	5188	5044	5024	4873
5800	5396	5237	5098	5079	4932
6000	5436	5282	5148	5129	4988

VARIABLE FILTER
997.11.50
VII

Frequency in Hz
10 20 30 40 50 60 70 80
11 60
9 48
9 38