997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

S.W. 550 — LINEA F-75-45 — N.E. 1

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

548 Date: MAY 14.76 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 DEC 1975
Field recorder SN 338 filter 1/8 125
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

00216

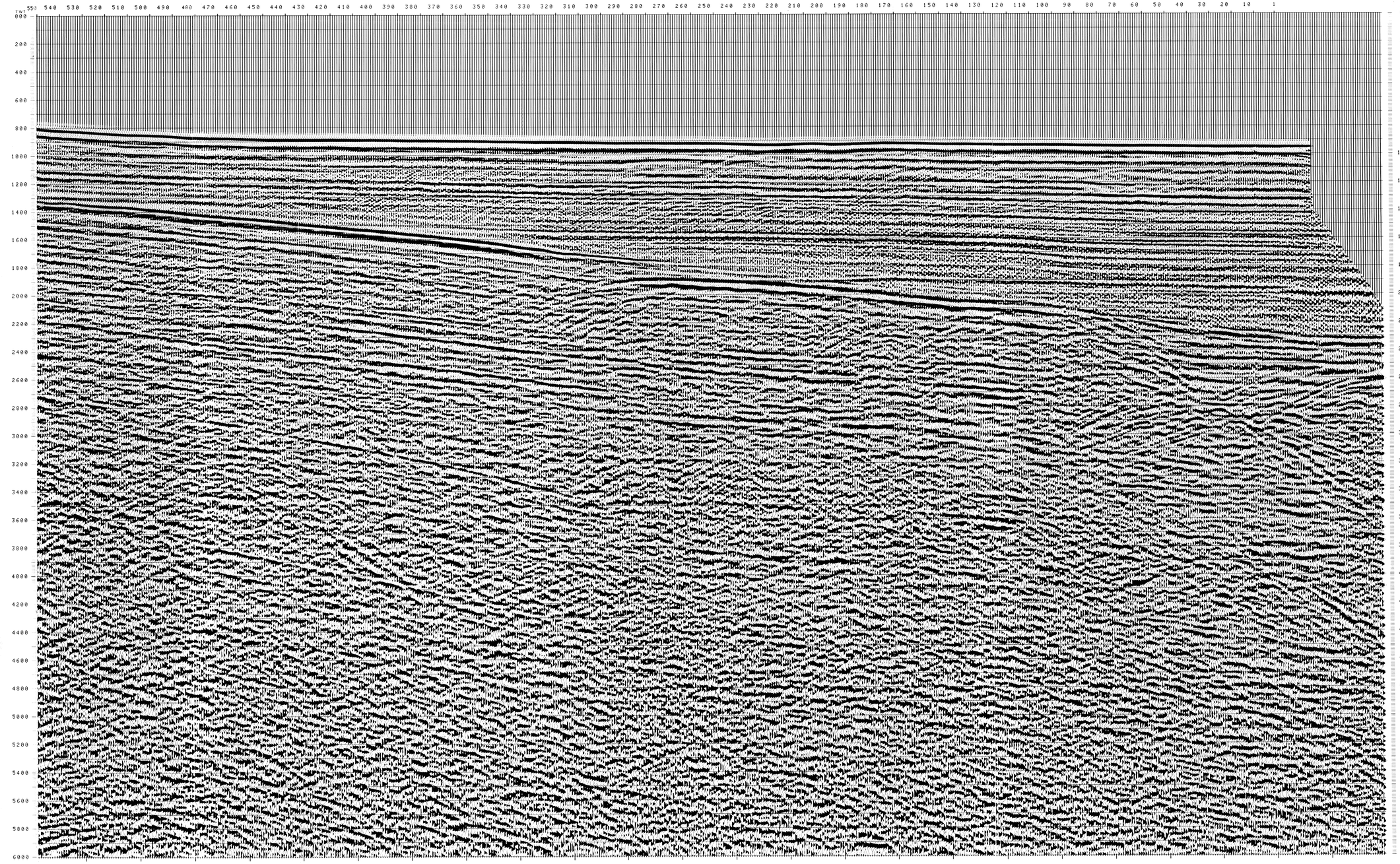
F 75 018
394

VA

NO SOUNDINGS

Water depth in meters

TWT



TWT	SP 504 TO SP 474	SP 474 TO SP 444	SP 444 TO SP 239	SP 239 TO SP 209	SP 209 TO SP 179	SP 179 TO SP 1
	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
400	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500
800	1564	1500	1500	1500	1500	1500
1000	1636	1566	1552	1505	1510	1507
1200	1706	1645	1600	1521	1527	1555
1400	1837	1779	1680	1582	1593	1619
1600	1948	1863	1746	1711	1709	1687
1800	2079	2017	2059	1849	1841	1766
2000	2594	2459	2331	2081	1960	1823
2200	2841	2653	2578	2478	2177	1929
2400	3171	2898	2885	2720	2492	2066
2600	3446	3207	3230	2964	2861	2344
2800	3671	3449	3478	3325	3183	2695
3000	3867	3659	3679	3643	3418	3050
3200	4037	3841	3861	3734	3609	3281
3400	4188	4005	4023	3983	3795	3476
3600	4322	4149	4166	4053	3942	3649
3800	4442	4278	4294	4187	4081	3805
4000	4550	4394	4409	4307	4207	3944
4200	4647	4499	4517	4416	4321	4071
4400	4736	4595	4608	4516	4425	4186
4600	4817	4682	4695	4606	4519	4291
4800	4891	4762	4774	4689	4606	4387
5000	4960	4835	4847	4766	4686	4475
5200	5023	4901	4915	4836	4759	4557
5400	5081	4966	4977	4902	4828	4633
5600	5135	5024	5035	4962	4891	4703
5800	5186	5079	5089	5019	4950	4769
6000	5237	5130	5139	5071	5005	4829

VARIABLE FILTER
997-11-50
IV
Frequency in Hz
0 12 24 36 48 60