997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 1180 **LINEA** F-76-74E NE 551

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

536 Date: MAY 12 76 Checked

PROCESSING
SAMPLING RATE 4 ms

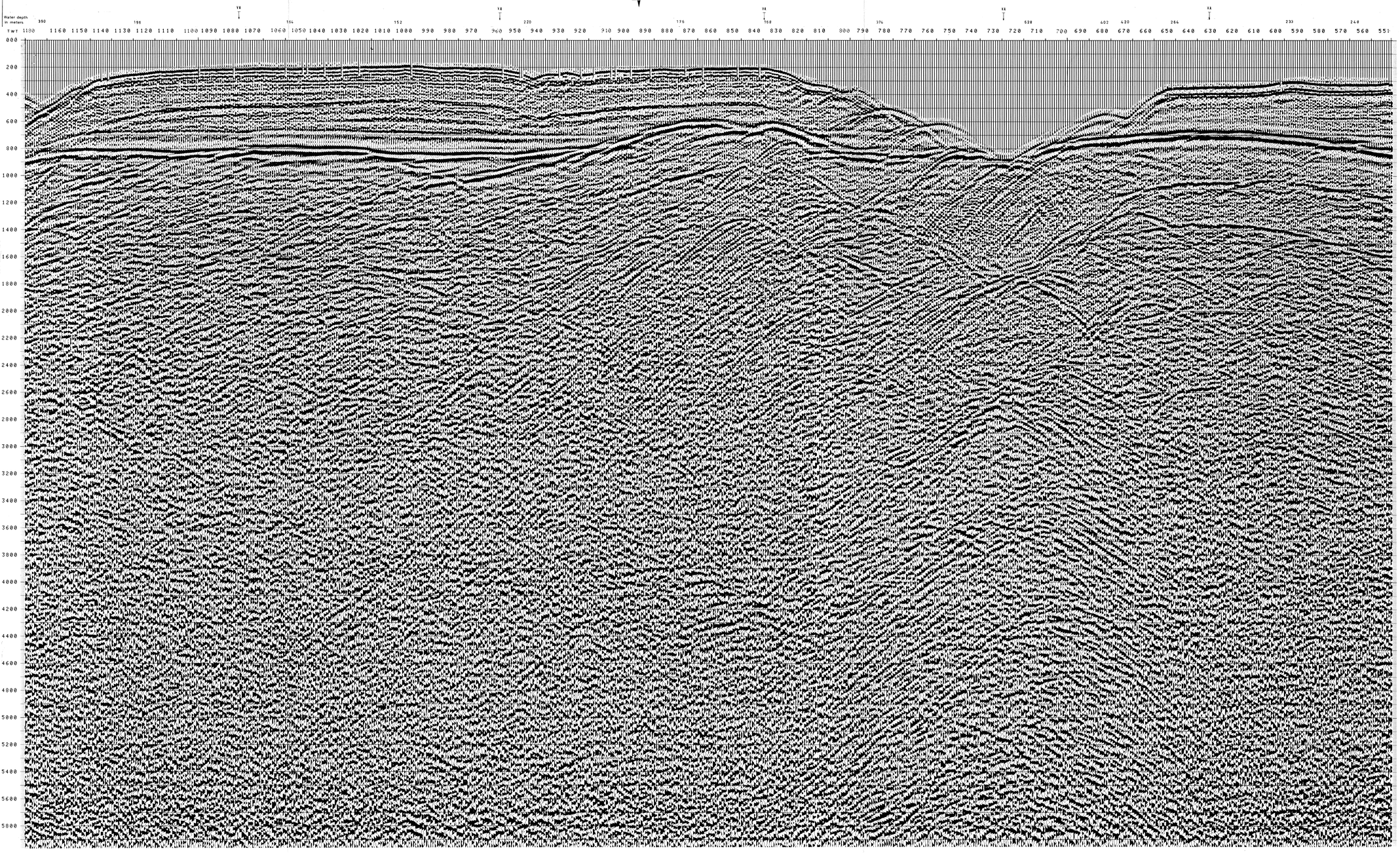
1 AMPLITUDE RECOVERY
2 WAPCO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 2300 ms / 1900 3600 ms } Below sea bottom
5 VELOCITY ANALYSIS (VA)
6 NMO CORRECTIONS
LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS
7 STACK 4800 %
8 TIME VARIANT FILTER (Origin sea bottom)
9 TRACE EQUALIZATION
10 ANALOG DISPLAY

FIELD RECORDING
SAMPLING RATE 4 ms

Ship: POLAR BJORN Shooting date: FEB/1976
Field recorder: SN338B filter: 1/8-125
floating point sampling: 4 ms
Streamer: 2400 m (Depth 15 m)
groups: 48 (group interval: 50 m)
Geophones type: HC 201 n° 48 / group
48 Fold coverage
Energy source: VAPORCHOC (Depth 5 m)
SP 1 r 1 Streamer 1 r 48
330m MOTOROLA positioning

00322

F-76131
30



TWT	FROM SP 1199 TO SP 1200 AV. VEL. IN M/S	FROM SP 1080 TO SP 1125 AV. VEL. IN M/S	FROM SP 959 TO SP 960 AV. VEL. IN M/S	FROM SP 837 TO SP 839 AV. VEL. IN M/S	FROM SP 727 TO SP 728 AV. VEL. IN M/S	FROM SP 633 TO SP 655 AV. VEL. IN M/S	FROM SP 477 TO SP 479 AV. VEL. IN M/S
000							
200	1500	1500	1500	1500	1500	1500	1500
400	1500	1603	1583	1574	1500	1543	1551
600	1584	1688	1659	1639	1500	1645	1683
800	1626	1792	1777	1782	1500	1766	1774
1000	1734	1920	1949	1914	1612	1899	1882
1200	1876	2076	2130	2081	1706	2099	2026
1400	1977	2218	2291	2204	1806	2242	2144
1600	2156	2417	2439	2299	1947	2377	2273
1800	2417	2591	2587	2453	2657	2505	2381
2000	2634	2745	2736	2576	2200	2632	2493
2200	2805	2881	2891	2781	2285	2799	2626
2400	2992	2996	3051	3010	2488	2908	2801
2600	3190	3118	3187	3203	2701	2999	2949
2800	3360	3304	3379	3317	2956	3241	3110
3000	3532	3483	3554	3399	3199	3438	3269
3200	3687	3641	3707	3562	3375	3598	3440
3400	3823	3779	3842	3705	3529	3739	3591
3600	3944	3903	3962	3833	3666	3865	3724
3800	4052	4013	4069	3947	3780	3977	3844
4000	4149	4112	4165	4049	3899	4078	3952
4200	4237	4202	4253	4142	4000	4170	4049
4400	4317	4284	4332	4227	4090	4253	4138
4600	4390	4359	4405	4304	4173	4329	4219
4800	4458	4427	4471	4374	4250	4398	4293
5000	4519	4490	4532	4439	4319	4462	4361
5200	4576	4548	4589	4499	4384	4522	4424
5400	4629	4602	4641	4555	4444	4576	4483
5600	4678	4652	4689	4607	4500	4627	4537
5800	4723	4698	4735	4655	4551	4674	4587

VARIABLE FILTER
997 11 69
VI
Frequency in Hz
11 55