997-11.69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 2280 — **LINEA F-76-17** — NE 2864

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

652 | Date: JUNE 21 .76 | Checked: W

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
48Fold coverage
Energy source: VAPORCHOC (Depth 5 m)
SP (+) Streamer n°48
332m SHORAN (1 - 2320)
DOPPLER (2321-2864) positioning

00118

F76-04 2268

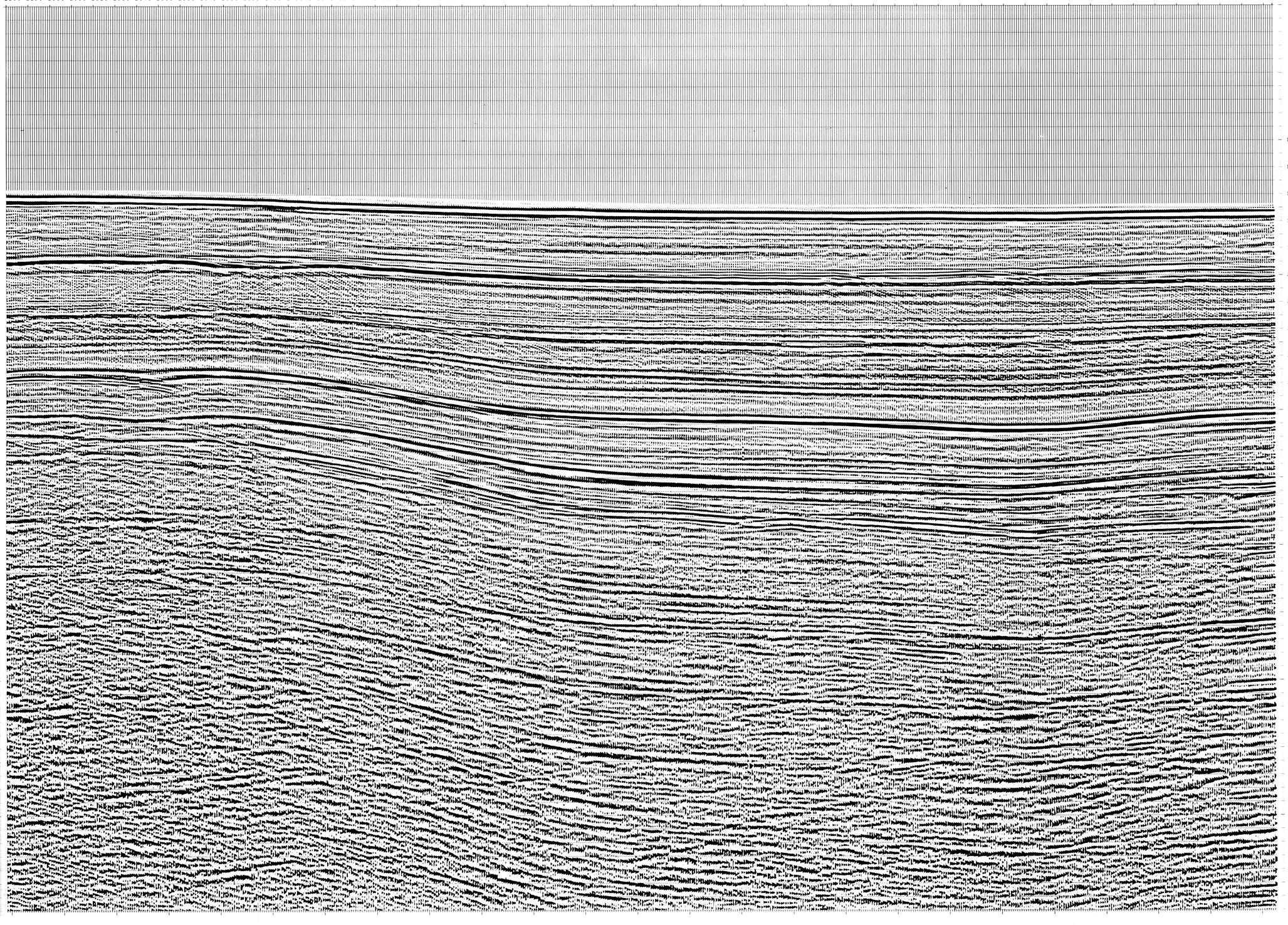
Water depth in meters: 1044 1052 1071 1094 1113 1126 1128 1120

VA

NO SOUNDINGS

2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390 2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710 2720 2730 2740 2750 2760 2770 2780 2790 2800 2810 2820 2830 2840 2850 2864

TWT 000 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600



TWT	2280	2356	2476	2596	2716	2812
	TC SP	TO SP	TC SP	TC SP	TO SP	TC SP
	2356	2356	2476	2596	2716	2864
	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
400	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500	1500
1200	1500	1500	1500	1500	1500	1500
1400	1500	1500	1500	1500	1500	1500
1600	1547	1556	1548	1516	1515	1522
1800	1593	1586	1582	1556	1549	1571
2000	1641	1661	1620	1604	1586	1611
2200	1697	1746	1724	1674	1667	1664
2400	1781	1844	1808	1741	1721	1733
2600	1886	1943	1900	1829	1832	1841
2800	2014	2122	2067	1950	1926	1970
3000	2204	2422	2260	2100	2082	2101
3200	2647	2808	2542	2338	2282	2340
3400	2999	3115	2875	2585	2567	2588
3600	3166	3275	3104	2831	2790	2778
3800	3315	3418	3256	3044	2980	2936
4000	3467	3547	3393	3192	3141	3085
4200	3571	3664	3517	3326	3277	3223
4400	3681	3770	3630	3447	3401	3358
4600	3782	3867	3733	3558	3514	3465
4800	3875	3956	3828	3660	3617	3570
5000	3950	4038	3914	3753	3713	3668
5200	4039	4113	3995	3840	3800	3757
5400	4111	4183	4066	3920	3882	3840
5600	4178	4248	4138	3994	3958	3917
5800	4241	4308	4202	4063	4028	3990
6000	4299	4365	4262	4128	4094	4056
6200	4354	4417	4318	4188	4155	4119
6400	4406	4467	4371	4245	4213	4178
6600	4454	4513	4420	4298	4267	4233

VARIABLE FILTER
997.11.69
VII
Frequency in Hz
9 12 18 24 30 36 42 48 54 60