997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 2073 — LINEA F-76-25 — NE 2489

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

619 | Date: JUNE 4 .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

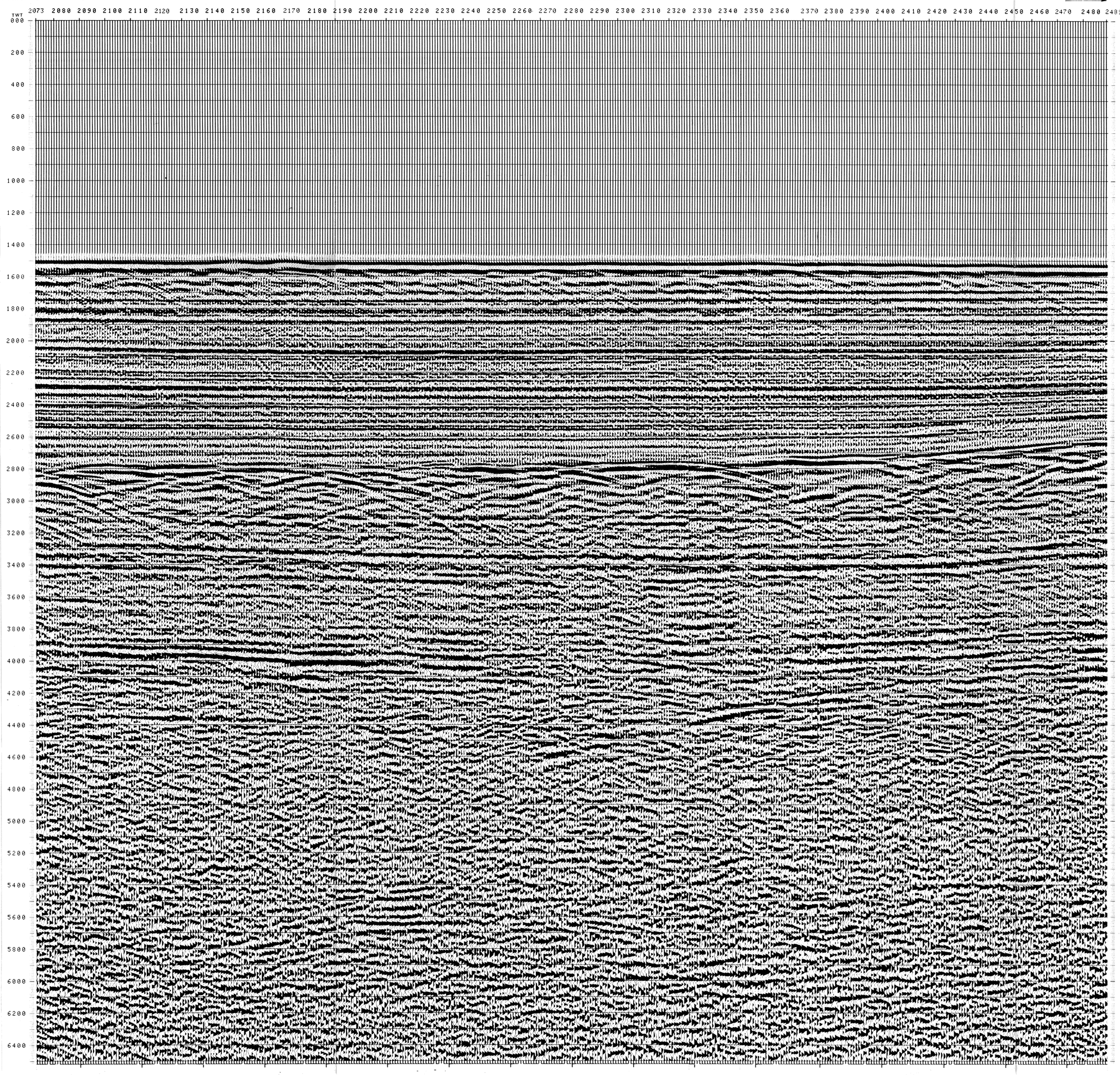
Ship: POLAR BJORN Shooting date: FEB/1976
Field recorder: SN338B filter: 1/8-125
floating point sampling: 4 ms
Streamer: 2400 m (Depth 19 m)
groups: 48 (group interval: 50 m)
Geophones type: HC 201 n° 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 5 m)
SP tr 1 Streamer tr48
332m SHORAN positioning

00145

F76.06 / 4719

Water depth in meters

VA — NO SOUNDINGS — VA — VA



TWT	FROM SP TO SP 1978 2088 AV.VEL. IN M/S	FROM SP TO SP 2183 2183 AV.VEL. IN M/S	FROM SP TO SP 2294 2294 AV.VEL. IN M/S	FROM SP TO SP 2428 2428 AV.VEL. IN M/S	FROM SP TO SP 2562 2562 AV.VEL. IN M/S
000					
200	1500	1500	1500	1500	1500
400	~~1500~~	~~1500~~	~~1500~~	~~1500~~	~~1500~~
600	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500
1200	1500	1500	1500	1500	1500
1400	1500	1500	1500	1500	1500
1600	1513	1520	1518	1515	1519
1800	1531	1562	1549	1551	1557
2000	1531	1601	1584	1590	1592
2200	1625	1660	1651	1658	1641
2400	1725	1718	1723	1722	1709
2600	1779	1791	1785	1795	1789
2800	1915	1856	1864	1901	1862
3000	2005	1941	1922	2000	1934
3200	~~2077~~	~~2015~~	~~1989~~	~~2068~~	~~1997~~
3400	2156	2066	2065	2096	2077
3600	2231	2114	2153	2206	2172
3800	2370	2264	2251	2325	2256
4000	2536	2396	2339	2443	2402
4200	2713	2698	2508	2612	2573
4400	2862	2941	2661	2766	2729
4600	2998	3074	2806	2907	2871
4800	3124	3196	2939	3036	3001
5000	3239	3306	3061	3154	3121
5200	3345	3412	3174	3264	3232
5400	3443	3507	3279	3365	3334
5600	3534	3596	3376	3459	3430
5800	3619	3679	3467	3547	3518
6000	~~3699~~	~~3757~~	~~3551~~	~~3626~~	~~3602~~
6200	3773	3829	3630	3705	3676
6400	3843	3897	3704	3777	3751

VARIABLE FILTER
997.11.69 VII
Frequency in Hz
10 20 30 40 50 60 70 80
11 60