997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 1820 — **LINEA F-76-21** — NE 2432

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
(A Subsidiary of Compagnie Générale de Géophysique - Paris)

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

660 | Date: JUNE 16.76 | Checked R/G

PROCESSING
SAMPLING RATE 4 ms

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

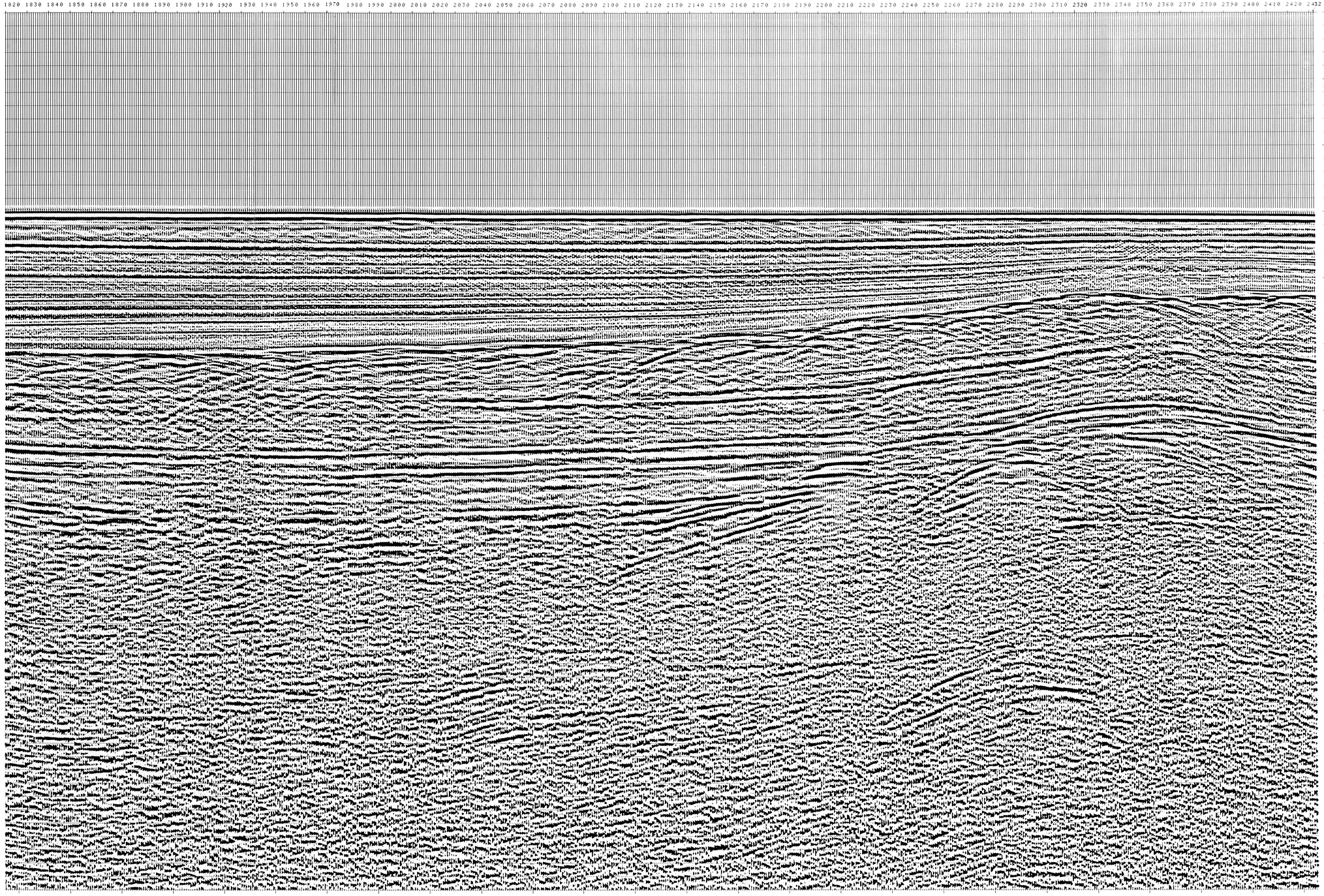
FIELD RECORDING
SAMPLING RATE 4 ms

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
48Fold coverage
Energy source: VAPORCHOC (Depth: 5 m)
SP 1 r 1 Streamer n°48
337m SHORAN positioning

00131

F76.08 6309 — F76.06 3921

Water depth in meters



TWT	FROM SP 1612* TO SP 1663* AV.VEL. IN M/S*	FROM SP 1962* TO SP 1923* AV.VEL. IN M/S*	FROM SP 2362* TO SP 2043* AV.VEL. IN M/S*	FROM SP 2162* TO SP 2103* AV.VEL. IN M/S*	FROM SP 2262* TO SP 2223* AV.VEL. IN M/S*	FROM SP 2462* TO SP 2443* AV.VEL. IN M/S*	FROM SP 2562* TO SP 2523* AV.VEL. IN M/S*
000	1500	1500	1500	1500	1500	1500	1500
200	1500	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500	1500	1500
1200	1500	1500	1500	1500	1500	1500	1500
1400	1500	1500	1500	1500	1500	1500	1500
1600	1500	1517	1521	1517	1517	1523	1516
1800	1532	1553	1557	1546	1552	1571	1552
2000	1593	1590	1568	1578	1600	1610	1604
2200	1625	1646	1635	1620	1673	1674	1647
2400	1713	1725	1742	1767	1759	1776	1722
2600	1786	1847	1842	1881	1861	1865	1790
2800	1877	1952	1969	1972	1946	2000	1866
3000	2022	2130	2092	2070	2076	2116	1942
3200	2149	2308	2169	2182	2224	2246	2007
3400	2476	2577	2452	2356	2563	2549	2141
3600	2635	2766	2623	2654	2916	2854	2379
3800	3124	2986	2905	3036	3169	3152	2757
4000	3333	3167	3271	3279	3399	3416	3366
4200	3466	3312	3477	3405	3523	3539	3492
4400	3576	3434	3592	3523	3636	3651	3606
4600	3661	3546	3696	3631	3739	3753	3710
4800	3776	3646	3792	3729	3833	3846	3805
5000	3866	3742	3880	3820	3919	3932	3893
5200	3949	3825	3962	3904	3995	4012	3974
5400	4024	3905	4037	3982	4074	4088	4049
5600	4095	3964	4106	4054	4142	4154	4119
5800	4162	4053	4173	4121	4206	4218	4184
6000	4222	4116	4234	4183	4266	4277	4244
6200	4279	4179	4291	4242	4322	4333	4301
6400	4333	4236	4344	4297	4374	4385	4354
6600	4384	4289	4394	4348	4424	4434	4404

VARIABLE FILTER
997-11-69 VII
Frequency in Hz
0 5 10 15 20 25 30 35 40 45 50 55 60