997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 1165 — **LINEA F-76-17** — NE 1689

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE
2, Rue Gaston-Nobel 94551 - VITRY - FRANCE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

650 | Date: JUNE 21 .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 sea bottom
1900 - 3600 ms
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

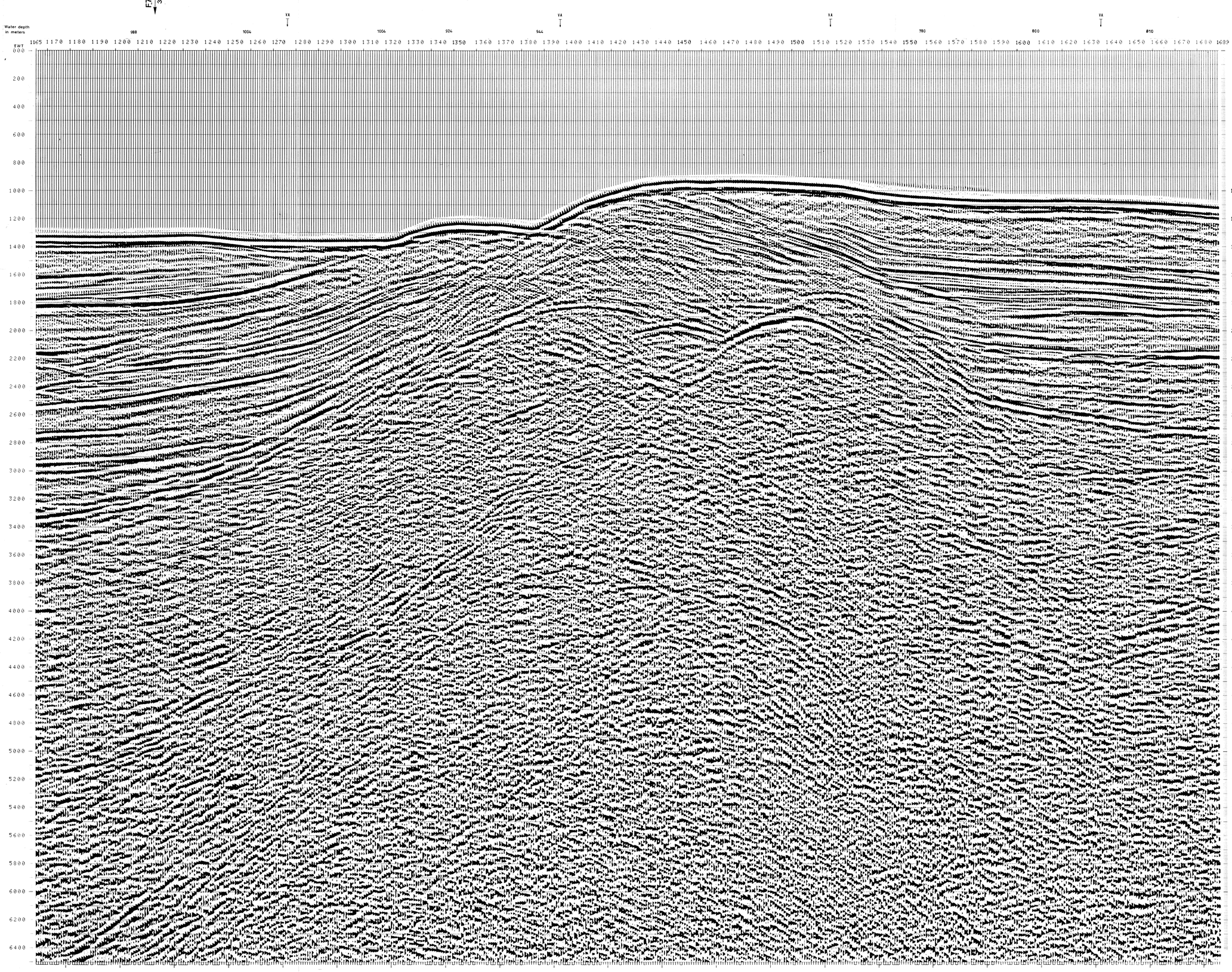
FIELD RECORDING
SAMPLING RATE 4 ms

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 tr 1 Streamer tr 48
339m SHORAN positioning

00116

F76-10 3437

Water depth in meters



TWT	FROM SP * TO SP	FROM SP * TO SP	FROM SP * TO SP	FROM SP * TO SP	FROM SP * TO SP	FROM SP * TO SP
	1156* 1156*	1275* 1275*	1396* 1396*	1516* 1516*	1636* 1636*	1756* 1756*
	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	1500	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500	1500
1200	1500	1500	1504	1441	1515	1521
1400	1523	1506	1578	1717	1534	1586
1600	1557	1530	1720	1763	1619	1616
1800	1582	1598	1868	1960	1684	1681
2000	1646	1668	2064	2208	1814	1824
2200	1705	1740	2380	2572	1943	1974
2400	1788	1844	2710	3028	2342	2311
2600	1872	2019	2948	3276	2579	2747
2800	2018	2250	3158	3471	3057	3060
3000	2179	2409	3347	3639	3261	3274
3200	2357	2717	3513	3787	3460	3445
3400	2713	2910	3659	3917	3610	3595
3600	2969	3082	3789	4037	3742	3729
3800	3128	3236	3906	4136	3861	3848
4000	3276	3374	4010	4229	3968	3956
4200	3402	3499	4105	4314	4066	4053
4400	3520	3612	4191	4390	4153	4142
4600	3627	3716	4270	4460	4233	4222
4800	3726	3811	4342	4524	4307	4296
5000	3817	3899	4408	4583	4374	4364
5200	3901	3980	4469	4639	4437	4427
5400	3979	4054	4526	4688	4495	4485
5600	4051	4124	4579	4735	4548	4540
5800	4118	4189	4628	4779	4598	4590
6000	4181	4249	4673	4819	4645	4637
6200	4240	4305	4716	4857	4690	4681
6400	4295	4358	4756	4893	4730	4722

VARIABLE FILTER
997.11.69 VII
Frequency in Hz
10 20 30 40 50 60 70 80
11 60
9 48
9 48