997-11-69

AGIP

OFFSHORE ITALIA
ZONA F

NW 3490 — LINEA F-76-42C — SE 4004

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

587 | Date: JUNE 2 .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

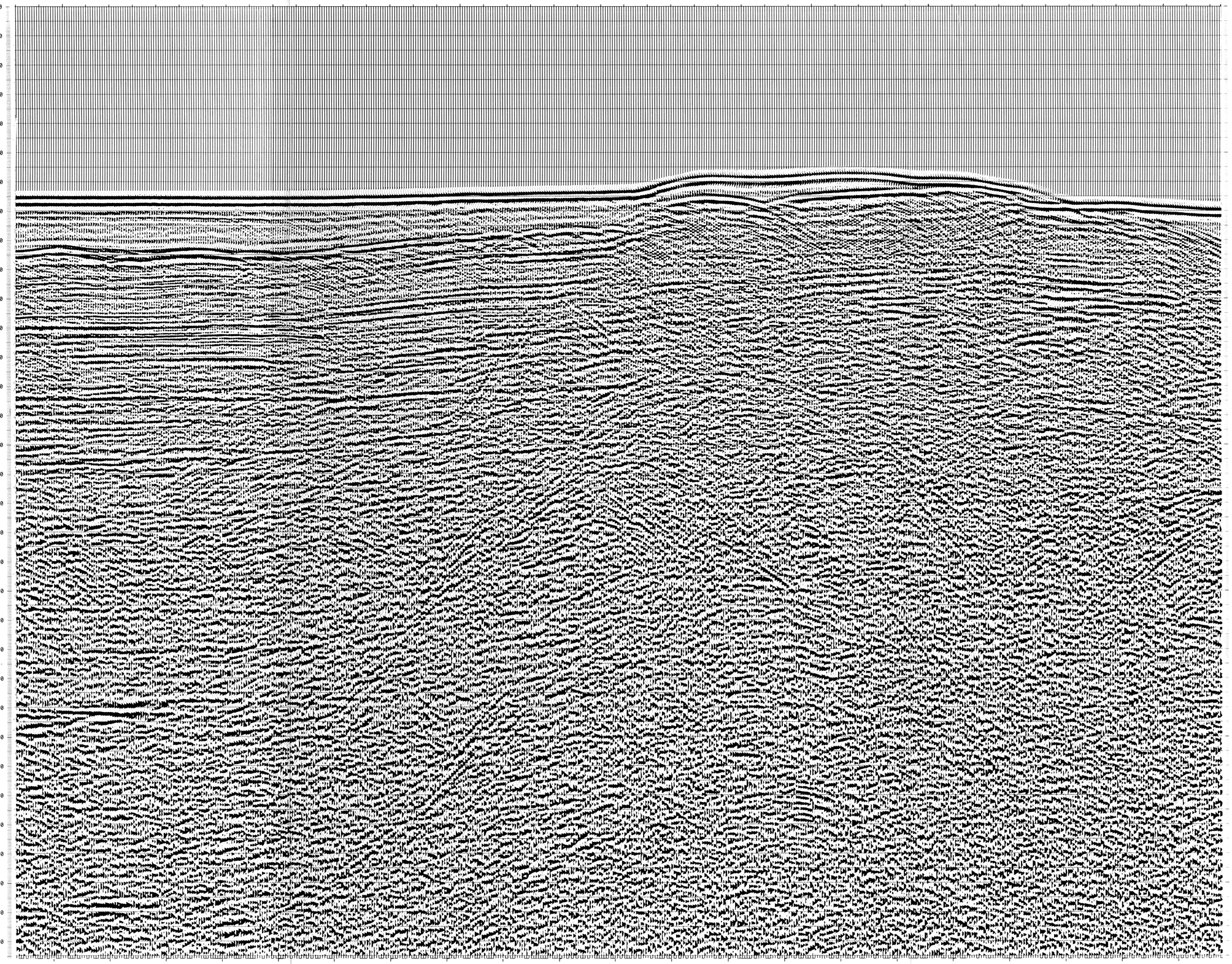
Ship POLAR BJORN Shooting date: FEB/1976
Field recorder: SN338B filter: 1/8-125
floating point sampling: 4 ms
Streamer: 2400 m (Depth 19 m)
groups: 48 (group interval: 50 m)
Geophones type: HC 201 n° 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 5 m)
SP tr 1 Streamer tr 48
332 m SHORAN (3490-3816) MOTOROLA (3817-4004) positioning

00208

F 76 53
1252

Water depth in meters

TWT



TWT	FROM SP 3473 TO SP 3593 AV. VEL. IN M/S	FROM SP 3593 TO SP 3713 AV. VEL. IN M/S	FROM SP 3713 TO SP 3833 AV. VEL. IN M/S	FROM SP 3833 TO SP 3953 AV. VEL. IN M/S	FROM SP 3953 TO SP 4073 AV. VEL. IN M/S	FROM SP 4073 TO SP 4173 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	1500	1517	1500	1500
1400	1519	1531	1524	1587	1507	1500
1600	1584	1622	1595	1651	1629	1550
1800	1713	1799	1809	1947	1902	1589
2000	2014	2049	2106	2278	2121	1675
2200	2189	2170	2359	2691	2516	1926
2400	2486	2318	2661	3049	2891	2218
2600	2715	2635	2999	3322	3177	2510
2800	2912	2932	3257	3556	3421	2770
3000	3119	3179	3479	3759	3633	3021
3200	3337	3393	3674	3937	3818	3245
3400	3529	3582	3847	4093	3982	3442
3600	3699	3749	3999	4232	4127	3618
3800	3852	3899	4136	4357	4258	3774
4000	3989	4034	4259	4469	4375	3916
4200	4114	4157	4371	4571	4481	4044
4400	4227	4268	4472	4663	4577	4160
4600	4330	4369	4565	4747	4665	4266
4800	4424	4462	4649	4824	4745	4363
5000	4511	4547	4727	4895	4820	4452
5200	4592	4626	4799	4961	4888	4535
5400	4666	4699	4866	5021	4951	4612
5600	4735	4767	4928	5078	5010	4683
5800	4799	4831	4986	5130	5065	4749
6000	4859	4889	5039	5179	5116	4810
6200	4916	4945	5090	5225	5164	4868
6400	4968	4996	5137	5268	5209	4922

VARIABLE FILTER
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III
Frequency in Hz