997-11-69

AGIP

OFFSHORE ITALIA

ZONA F

NW 1 — LINEA F-76-06 — SE 569

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

711 | Date: JUNE 24.76 | 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
   1900 3600 ms } 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

48Fold coverage

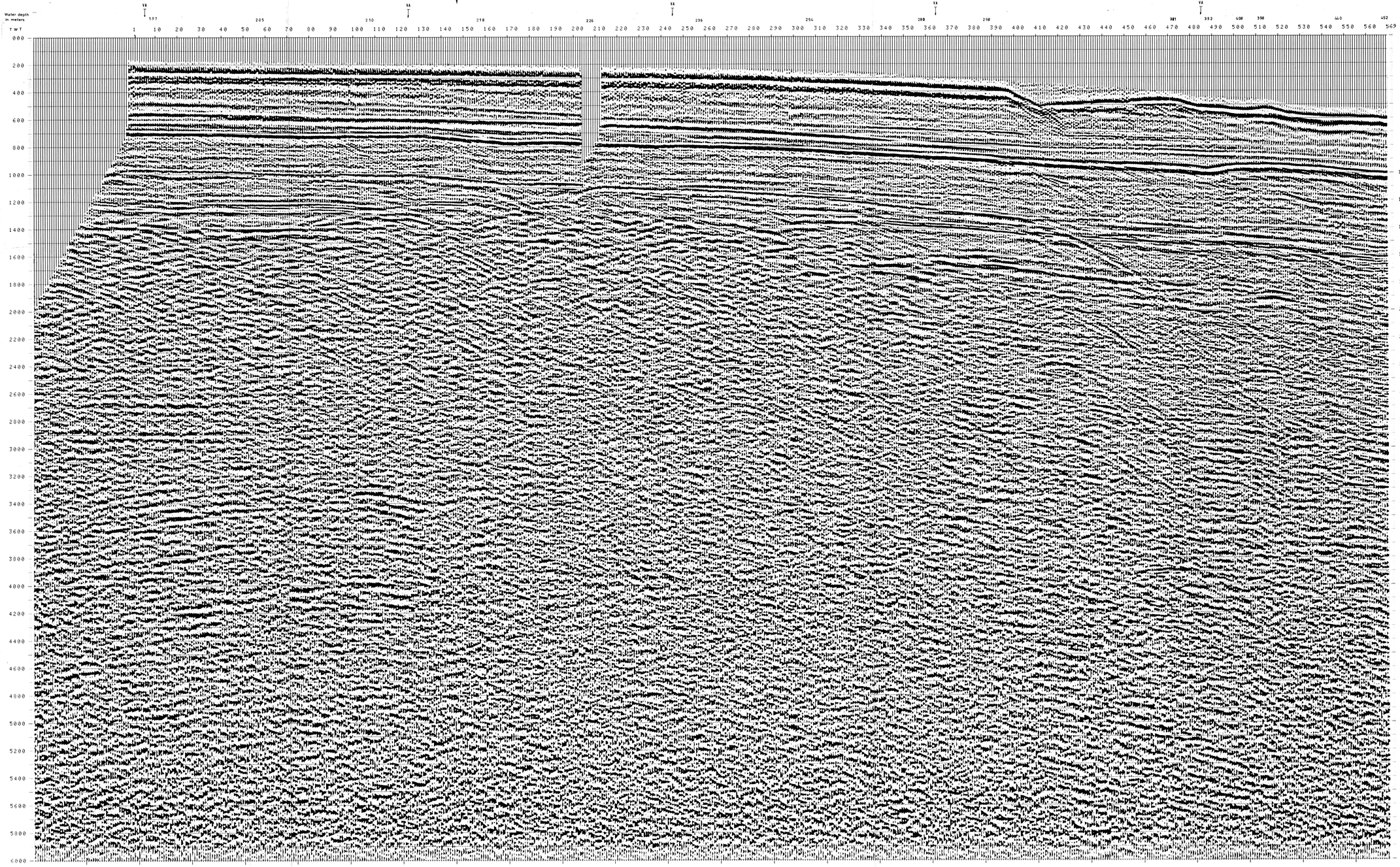
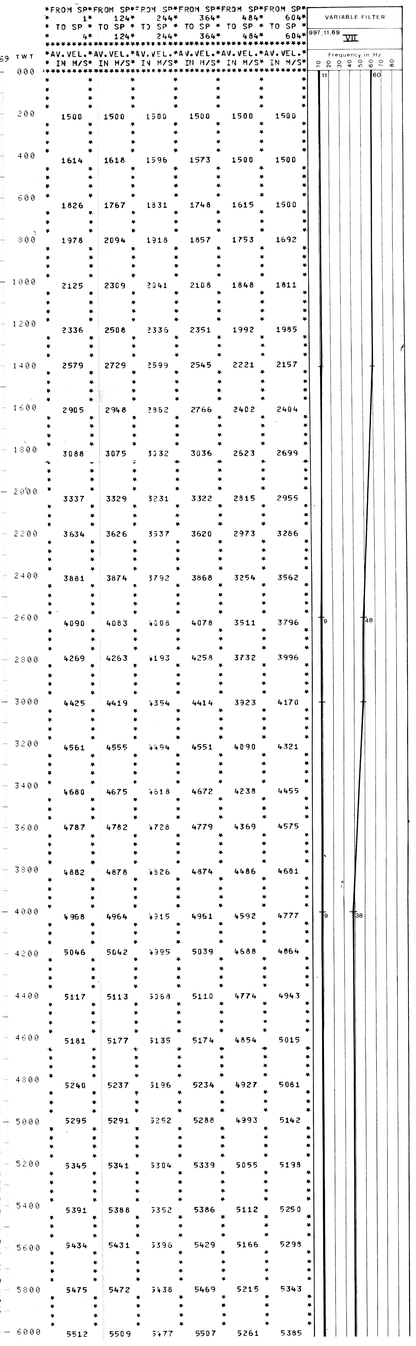
Energy source: VAPORCHOC (Depth 5 m)

SP tr 1 Streamer tr 48

332m SHORAN positioning

00022

F76.03 / 85



TWT	FROM SP 1 TO SP 12 AV. VEL. IN M/S	FROM SP 12 TO SP 24 AV. VEL. IN M/S	FROM SP 24 TO SP 36 AV. VEL. IN M/S	FROM SP 36 TO SP 48 AV. VEL. IN M/S	FROM SP 48 TO SP 60 AV. VEL. IN M/S	FROM SP 60 TO SP 569 AV. VEL. IN M/S
000						
200	1500	1500	1500	1500	1500	1500
400	1614	1618	1596	1573	1500	1500
600	1826	1767	1831	1748	1615	1500
800	1978	2094	1918	1857	1753	1692
1000	2125	2309	2041	2108	1848	1811
1200	2336	2508	2336	2351	1992	1985
1400	2579	2729	2599	2545	2221	2157
1600	2905	2948	2862	2766	2402	2404
1800	3088	3075	3032	3036	2523	2699
2000	3337	3329	3231	3322	2815	2955
2200	3634	3626	3537	3620	2973	3286
2400	3881	3874	3792	3868	3254	3562
2600	4090	4083	4008	4078	3511	3796
2800	4269	4263	4193	4258	3732	3996
3000	4425	4419	4354	4414	3923	4170
3200	4561	4555	4494	4551	4090	4321
3400	4680	4675	4618	4672	4238	4455
3600	4787	4782	4728	4779	4369	4575
3800	4882	4878	4826	4874	4486	4681
4000	4968	4964	4915	4961	4592	4777
4200	5046	5042	4995	5039	4688	4864
4400	5117	5113	5068	5110	4774	4943
4600	5181	5177	5135	5174	4854	5015
4800	5240	5237	5196	5234	4927	5081
5000	5295	5291	5252	5288	4993	5142
5200	5345	5341	5304	5339	5055	5198
5400	5391	5388	5352	5386	5112	5250
5600	5434	5431	5396	5429	5166	5298
5800	5475	5472	5438	5469	5215	5343
6000	5512	5509	5477	5507	5261	5385