997-11.69

AGIP

OFFSHORE ITALIA

ZONA F

SW 705 — **LINEA F.76-19** — NE 1

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING **P5**

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

596 — Date: JUNE 3 76 — Checked: RJM

PROCESSING
SAMPLING RATE 4 ms

1. AMPLITUDE RECOVERY
2. WAPC (stabilization by vaporchoc digital)
3. MUTING
4. DECONVOLUTION 240 ms window: 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 UB-125 floating point sampling 4 ms

Streamer 2400 m (Depth 19 m) groups 48 (group interval 50 m)

Geophones type HC 201 nr 48 / group

48 Fold coverage

Energy source VAPORCHOC (Depth 5 m) Streamer 1/48

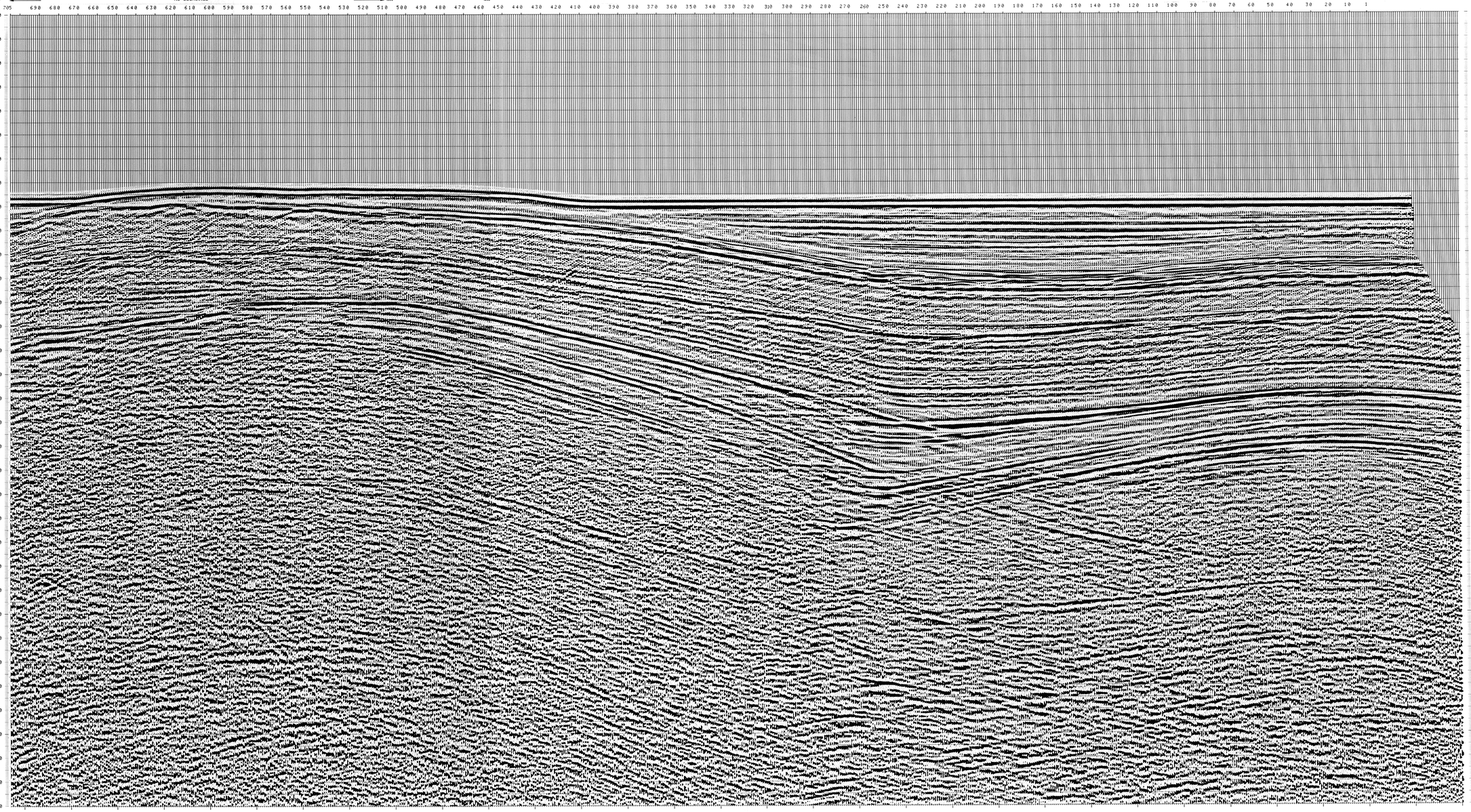
SHORAN positioning

00121

F76.06 3510

F76.04 1776

Water depth in meters — NO SOUNDINGS



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	*FROM SP TO SP
	723*	594*	483*	363*	243*	123*	
	724*	595*	484*	364*	244*	124*	4*
000	*SV,VEL IN M/SK	*SV,VEL IN M/SK	*SV,VEL IN M/SK	*SV,VEL IN M/SK	*SV,VEL IN M/SK	*SV,VEL IN M/SK	*SV,VEL IN M/SK
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	1539	1537	1536	1516	1516	1557	1517
1800	1566	1539	1562	1573	1565	1555	1548
2000	1590	1581	1594	1646	1592	1611	1584
2200	1647	1760	1720	1669	1655	1659	1638
2400	1796	1815	1837	1762	1721	1777	1717
2600	1951	2036	2050	1880	1834	1854	1797
2800	2134	2289	2267	2076	1971	1945	1884
3000	2497	2436	2523	2369	2099	2117	2019
3200	2836	2667	2746	2731	2257	2253	2177
3400	3067	3317	2916	2969	2466	2490	2407
3600	3254	3377	3076	3117	2667	2812	2614
3800	3380	3510	3294	3260	2946	3090	2945
4000	3520	3636	3363	3367	3227	3244	3049
4200	3647	3747	3488	3492	3673	3376	3186
4400	3757	3849	3607	3686	3684	3495	3314
4600	3851	3947	3707	3719	3786	3634	3431
4800	3941	4029	3802	3806	3877	3724	3538
5000	4027	4107	3890	3893	3962	3796	3631
5200	4099	4180	3971	3974	4040	3869	3727
5400	4159	4246	4054	4049	4117	3939	3811
5600	4230	4310	4114	4119	4190	4032	3889
5800	4296	4368	4181	4184	4247	4099	3967
6000	4357	4423	4247	4244	4301	4157	4038
6200	4406	4474	4298	4301	4356	4222	4094
6400	4465	4521	4362	4354	4407	4278	4157
6600	4507	4566	4407	4404	4456	4330	4201

VARIABLE FILTER

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Frequency in Hz

2 3 5 7 10 15 20 30 40 50 60

Hz