



FIELD RECORDING

Ship POLAR BIORN
Field recorder SN 338 B filter 1/8.125
Floating point sampling 2 ms
Streamer 2350 m Depth 13 m
Groups 48 (group interval: 50 m)

Geophones type HC20In 48/group
4800' Coverage
Energy source VAPORCHOC (Depth 6 m)
Positive acoustic pressure is a negative number on field tape
SYLEDIS positioning

SP 1/4 Streamer 1/48
345 m

Boat motion → Shooting date MARCH 24 77

DIGITAL PROCESSING P5

AMPLITUDE RECOVERY (Resampling 216 ms)
WAPCO (Stabilization of vaporchoc signal)
MUTE EDITING
DECONVOLUTION 340ms
Windows 300 2000ms
1800 2800ms

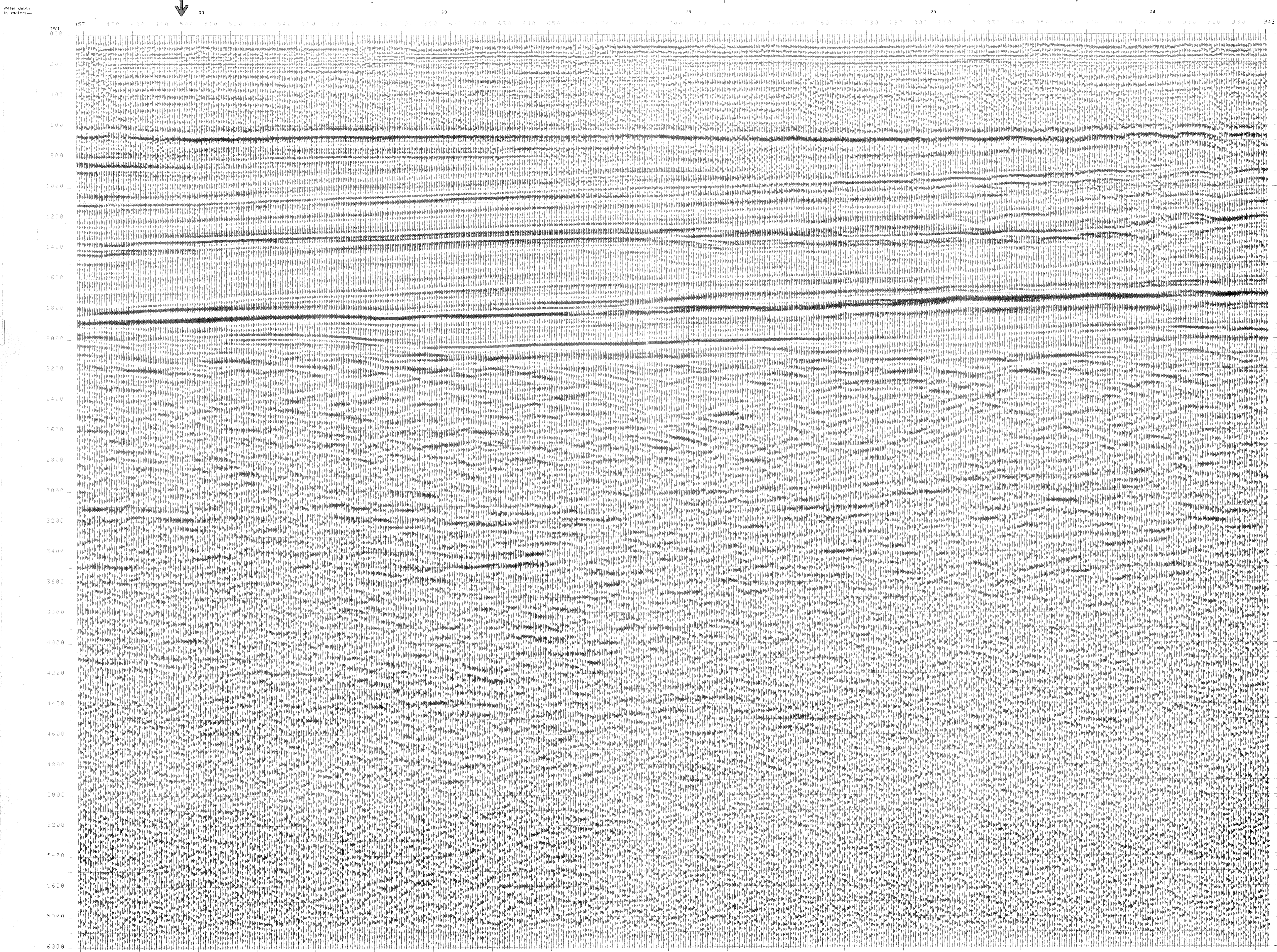
VELOCITY ANALYSIS (NA)
RMO CORRECTIONS LINEAR INTERPOLATION
BETWEEN VELOCITY FUNCTIONS
STRETCH 4800%

DECONVOLUTION 200 ms
Windows 100-2400 ms
2400-4800 ms

TIME VARIANT FILTER
SPATIAL COHERENCE ENHANCEMENT (AMCO-D)
TRACE EQUALIZATION
ANALOG DISPLAY

BLACK PEAK REPRESENTS POSITIVE ACOUSTIC PRESSURE

TIME ORIGIN Source and cable depth



TWT	DU PT	DU PT	DU PT	DU PT
1500	1500	1500	1500	1500
1666	1677	1687	1785	
1668	1755	1750	1880	
1756	1886	1836	2039	
1891	1967	1962	2188	
2021	2060	2053	2287	
2112	2152	2130	2384	
2238	2251	2227	2440	
2365	2431	2573	2607	
2653	2736	3059	3232	
3155	2986	3343	3677	
3582	3235	3564	3871	
3768	3582	3752	4035	
3927	3801	3912	4175	
4065	3948	4051	4297	
4186	4076	4173	4403	
4293	4189	4281	4497	
4388	4290	4376	4590	
4473	4380	4462	4655	
4540	4461	4538	4722	
4618	4534	4608	4783	
4681	4601	4671	4838	
4738	4661	4729	4889	
4791	4717	4782	4935	
4839	4768	4831	4978	
4884	4816	4876	5017	
4925	4860	4917	5053	
4963	4900	4956	5087	
4999	4938	4992	5119	
5032	4974	5025	5148	