

997-11.69

AGIP

OFFSHORE ITALIA
ZONA F

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800%

Boat motion

620 Date: JUNE 4 '76 Checked: RLB

PROCESSING
SAMPLING RATE 4 ms

- 1. AMPLITUDE RECOVERY
- 2. WAPCO (stabilization by vaporchoc signal)
- 3. MUTING
- 4. DECONVOLUTION 240 ms
windows: 500 - 2300 ms J Below
1900 - 3600 ms J 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

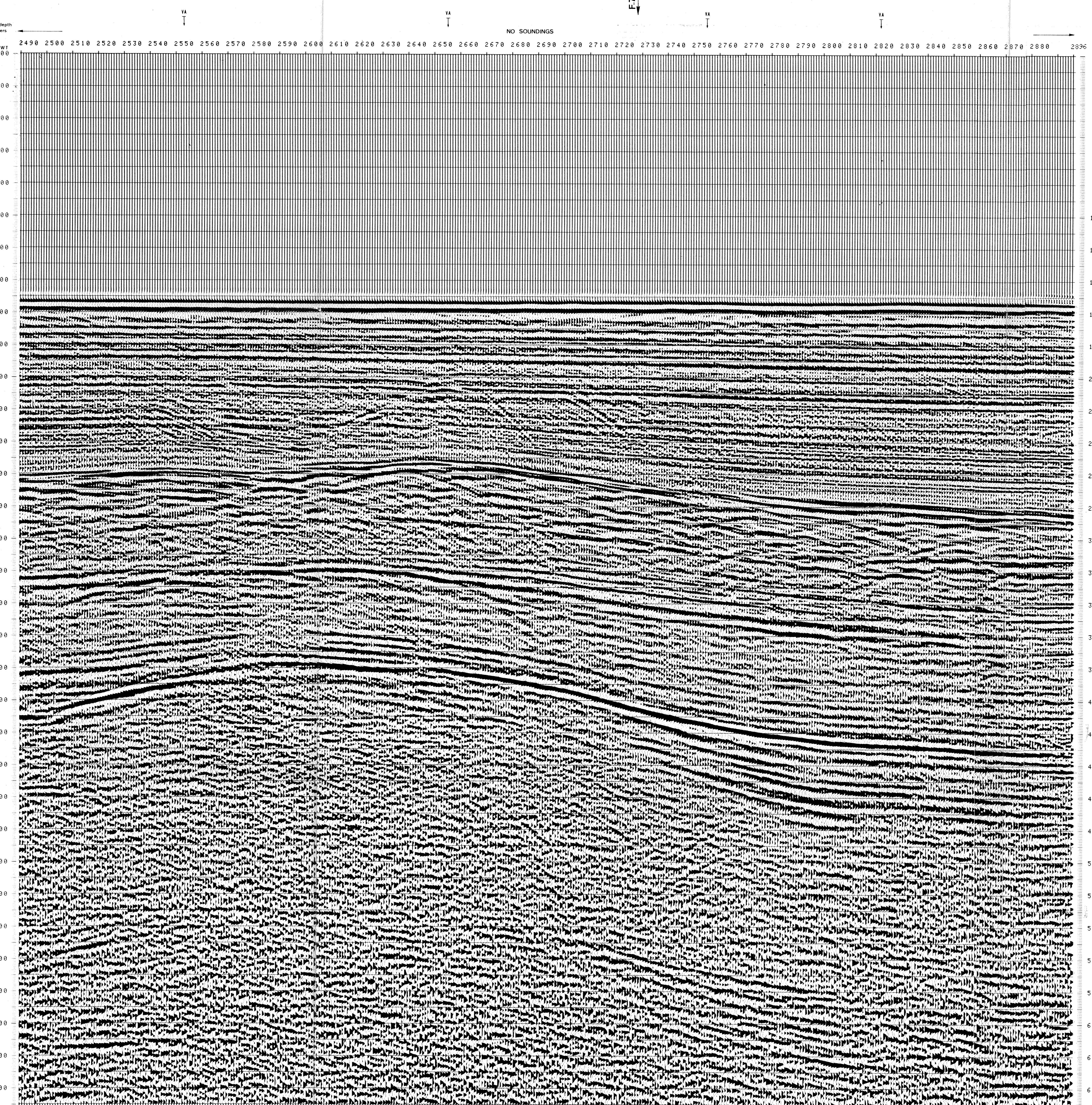
Ship: POLAR BJORN Shooting date: FEB /1976
Field recorder: SN338B filter: 1/8-125
floating point sampling: 4 ms
Streamer: 2400 m (Depth 19 m)
groups: 48 (group interval: 50 m)
Geophones type: HC 201 n°: 48 / group
48Fold coverage
Energy source: VAPORCHOC (Depth 5 m)
SP 1 r 1 Streamer 1 r 48
332m SHORAN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

SW 2490 NE 2896
LINEA F.76-25

1 km



00146



TWT 000	*FROM SP* *FROM SP* *FROM SP*			*AV. VEL.* *AV. VEL.* *AV. VEL.*		
	2426*	2552*	2811*	IN. M/S*	IN. M/S*	IN. M/S*
000						
200	1500	1500	1500			
400	1500	1500	1500			
600	1500	1500	1500			
800	1500	1500	1500			
1000	1500	1500	1500			
1200	1500	1500	1500			
1400	1500	1500	1500			
1600	1515	1519	1512			
1800	1551	1557	1552			
2000	1590	1592	1599			
2200	1658	1641	1641			
2400	1722	1709	1719			
2600	1795	1789	1784			
2800	1901	1862	1849			
3000	2000	1934	1969			
3200	2068	1997	2058			
3400	2090	2077	2095			
3600	2206	2172	2205			
3800	2325	2256	2316			
4000	2443	2402	2429			
4200	2612	2573	2523			
4400	2766	2729	2659			
4600	2907	2871	2801			
4800	3036	3001	2934			
5000	3154	3121	3057			
5200	3264	3232	3176			
5400	3365	3334	3275			
5600	3459	3430	3372			
5800	3547	3518	3463			
6000	3628	3602	3547			
6200	3705	3679	3622			
6400	3777	3751	3706			

VARIABLE FILTER
997.11.69 VII
Frequency in Hz
0 2 4 6 8 10