997-11.69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 1 — LINEA F.76-21 — NE 619

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE (FRANCE)

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

657 Date: JUNE 16 .76 Checked

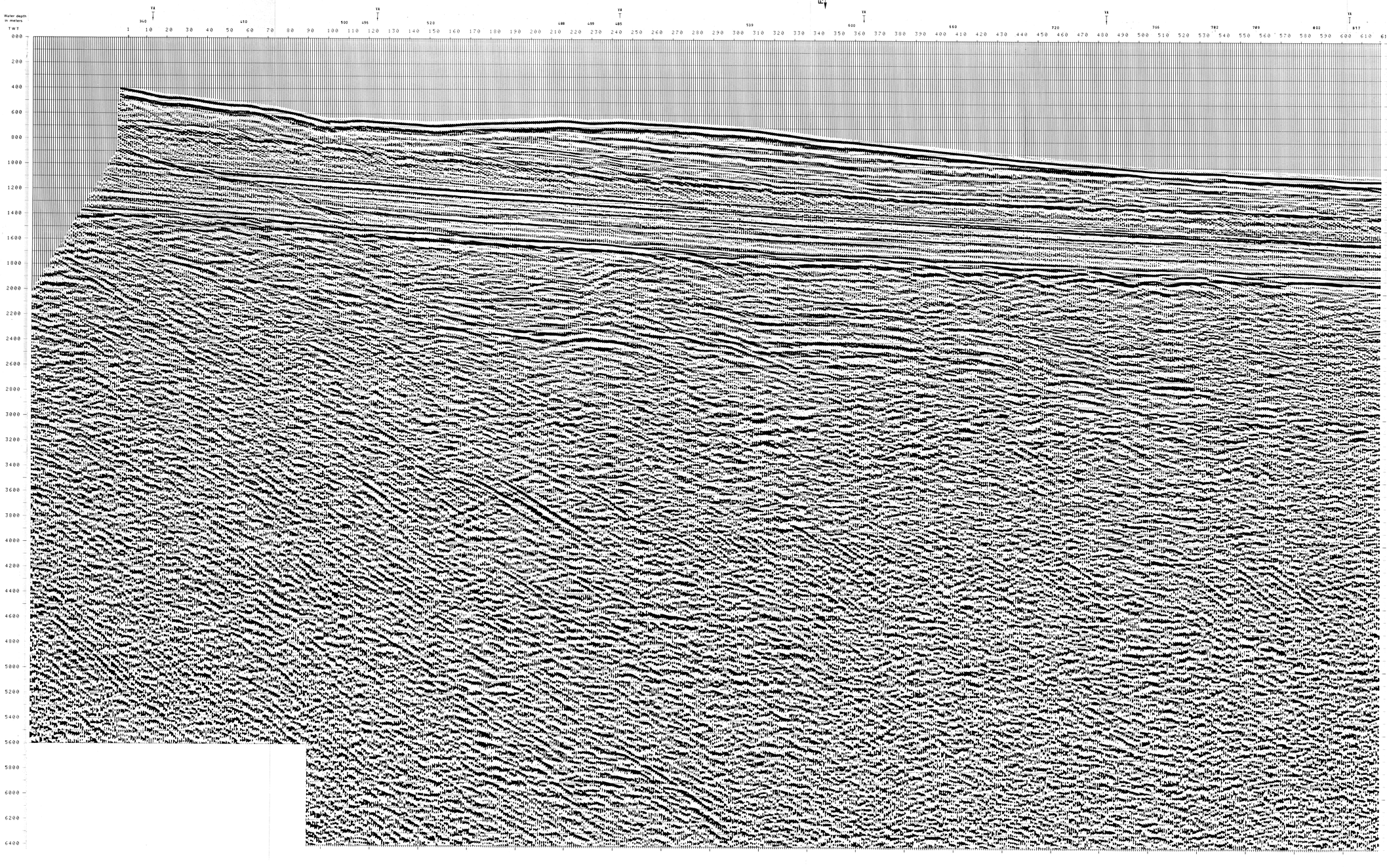
PROCESSING (SAMPLING RATE 4 ms)

1 AMPLITUDE RECOVERY
2 WAPC (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
window: 500 - 2200 ms } Below
1900 - 3600 ms } sea bottom
5 VELOCITY ANALYSIS (VA)
6 RMS 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 1 → 1 Streamer 1 → 48
332m SHORAN positioning

00128



TWT	FROM SP 1 TO SP 32 AV. VEL. IN M/S	FROM SP 162 TO SP 193 AV. VEL. IN M/S	FROM SP 242 TO SP 273 AV. VEL. IN M/S	FROM SP 362 TO SP 393 AV. VEL. IN M/S	FROM SP 482 TO SP 513 AV. VEL. IN M/S	FROM SP 602 TO SP 633 AV. VEL. IN M/S	FROM SP 722 TO SP 753 AV. VEL. IN M/S
200	1500	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500	1500
600	1598	1500	1500	1500	1500	1501	1500
800	1698	1531	1540	1500	1500	1500	1500
1000	1790	1601	1576	1568	1500	1500	1500
1200	1937	1688	1644	1616	1533	1515	1502
1400	2052	1774	1747	1669	1584	1562	1536
1600	2236	1896	1853	1748	1665	1617	1582
1800	2562	2101	1946	1866	1784	1703	1635
2000	2925	2335	2027	2115	1949	1813	1739
2200	3245	2605	2256	2316	2124	1942	1873
2400	3524	2902	2449	2481	2356	2102	1975
2600	3761	3173	2763	2615	2634	2301	2047
2800	3964	3417	3032	3126	2872	2546	2109
3000	4139	3629	3269	3369	3115	2764	2247
3200	4293	3815	3476	3571	3333	3004	2472
3400	4429	3975	3661	3749	3525	3216	2695
3600	4549	4124	3824	3908	3696	3404	2915
3800	4657	4255	3971	4049	3849	3572	3109
4000	4754	4372	4102	4177	3986	3723	3284
4200	4842	4478	4221	4292	4111	3869	3441
4400	4922	4574	4329	4397	4224	3985	3585
4600	4995	4663	4428	4493	4327	4096	3716
4800	5062	4743	4516	4581	4422	4203	3836
5000	5123	4817	4601	4661	4509	4298	3947
5200	5180	4886	4678	4736	4589	4387	4049
5400	5233	4945	4745	4805	4664	4465	4143
5600	5282	5000	4816	4869	4733	4545	4231
5800	5327	5063	4877	4929	4797	4616	4313
6000	5369	5114	4934	4984	4857	4682	4389
6200	5409	5162	4986	5037	4914	4744	4466
6400	5446	5207	5039	5085	4966	4802	4527

VARIABLE FILTER
997-11.69 VII
Frequency in Hz
2 3 4 5 6 7 8 9 10 20 30 40 50 60