997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 1 — LINEA F-76-51 — NE 529

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

653 | Date: JUNE 16.76 | Checked

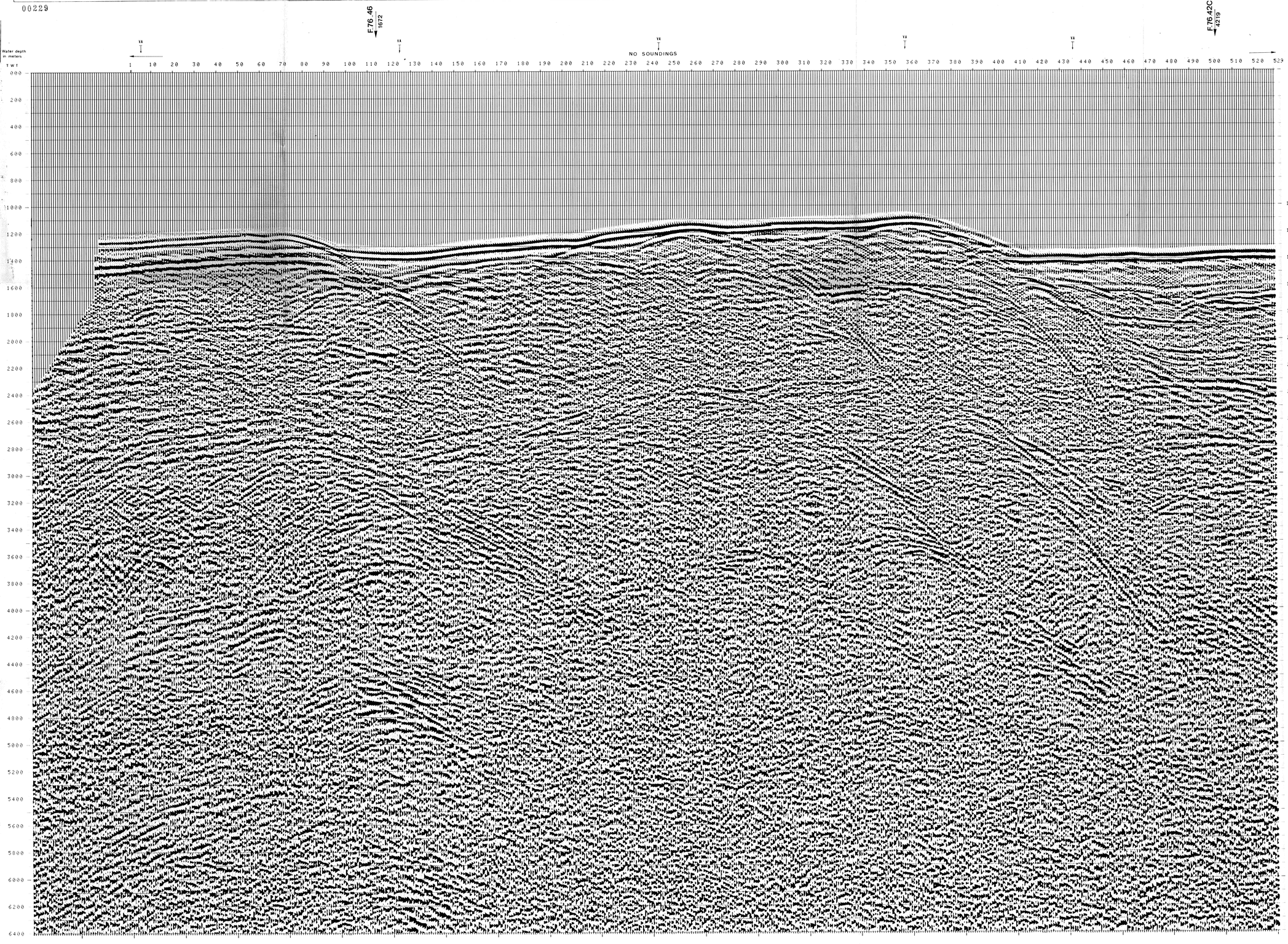
PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPCO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 2300 ms 2 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
48 Fold coverage
Energy source VAPORCHOC (Depth 5 m)
SP tr 1 Streamer tr 48
332 m SHORAN positioning

00229



TWT	FROM SP 1 TO SP 4	FROM SP 124 TO SP 124	FROM SP 244 TO SP 244	FROM SP 358 TO SP 358	FROM SP 475 TO SP 475	FROM SP 505 TO SP 505
	AV. VEL. IN M/S	AV. VEL. IN M/S	AV. VEL. IN M/S	AV. VEL. IN M/S	AV. VEL. IN M/S	AV. VEL. IN M/S
000						
200	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500	1500
1000	1500	1500	1500	1500	1500	1500
1200	1500	1500	1500	1534	1500	1500
1400	1560	1510	1717	1746	1500	1510
1600	1834	1632	1835	1900	1556	1562
1800	2624	1896	1996	2001	1789	1706
2000	2464	2221	2235	2287	1976	1930
2200	2787	2592	2599	2584	2160	2152
2400	3062	2612	2899	2908	2472	2437
2600	3334	3042	3173	3200	2999	2756
2800	3568	3296	3417	3443	3257	3032
3000	3770	3515	3629	3654	3479	3269
3200	3947	3709	3815	3838	3674	3478
3400	4103	3879	3979	4000	3847	3661
3600	4241	4030	4124	4145	3959	3824
3800	4365	4165	4255	4274	4136	3971
4000	4477	4287	4372	4390	4259	4102
4200	4578	4397	4478	4495	4371	4221
4400	4670	4497	4576	4591	4472	4329
4600	4754	4583	4663	4678	4565	4428
4800	4831	4672	4743	4754	4649	4518
5000	4902	4743	4817	4832	4727	4601
5200	4967	4821	4885	4900	4799	4678
5400	5027	4887	4949	4963	4866	4749
5600	5084	4948	5008	5021	4928	4816
5800	5136	5005	5063	5076	4989	4877
6000	5185	5058	5114	5127	5039	4934
6200	5233	5106	5162	5174	5090	4988
6400	5273	5154	5207	5219	5137	5039

VARIABLE FILTER
997-11-69
III
Frequency in Hz
8 12 16 20 25 30 35 40 50 60