997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 1 — LINEA F-76-137 — SE 616

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

451 | Date: APRIL 9 .76 | Checked: [illegible]

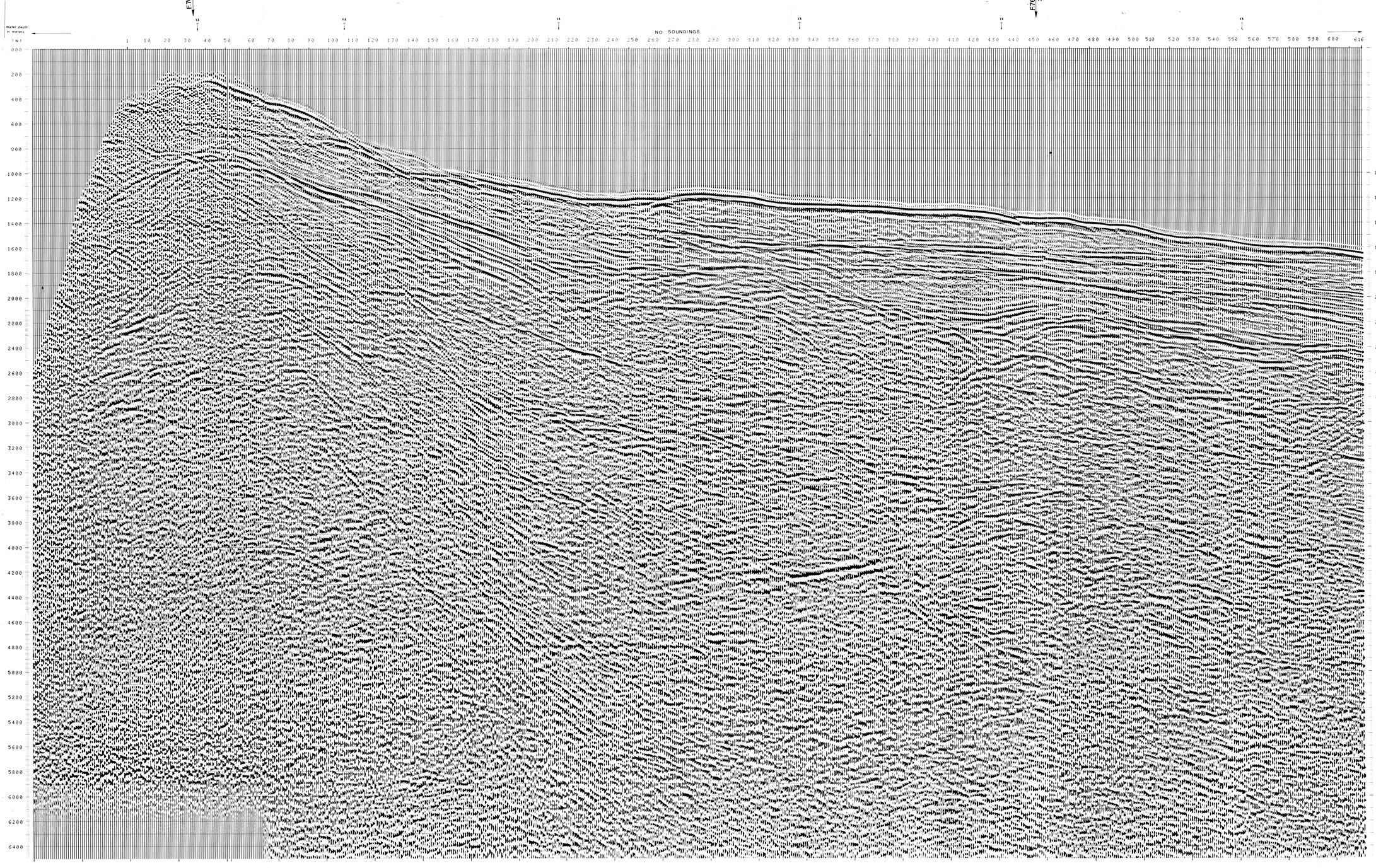
PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPC (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 2300 ms ↓ 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 15 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
330m MOTOROLA positioning

00397



FROM SP 1 TO SP 35	FROM SP 107 TO SP 107	FROM SP 214 TO SP 214	FROM SP 334 TO SP 334	FROM SP 435 TO SP 435	FROM SP 555 TO SP 616
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
1500	1500	1500	1500	1500	1500
1660	1500	1500	1500	1500	1500
1729	1500	1500	1500	1500	1500
1797	1541	1500	1500	1500	1500
1962	1660	1500	1500	1500	1500
2177	1792	1516	1500	1500	1500
2316	1942	1572	1544	1508	1500
2498	2010	1652	1590	1537	1515
2640	2064	1792	1667	1622	1566
2799	2199	1963	1761	1713	1607
2971	2322	2127	1926	1805	1670
3114	2449	2272	2109	1928	1750
3236	2713	2400	2301	2064	1908
3409	2940	2643	2466	2230	2057
3566	3137	2854	2658	2449	2274
3708	3304	3038	2854	2654	2491
3631	3451	3200	3028	2639	2686
3940	3581	3345	3162	3004	2859
4038	3698	3474	3319	3151	3013
4126	3803	3590	3443	3283	3153
4206	3898	3695	3556	3403	3279
4278	3984	3791	3658	3512	3393
4344	4063	3878	3751	3611	3498
4405	4136	3958	3836	3703	3594
4461	4202	4032	3915	3786	3682
4512	4264	4100	3987	3864	3763
4560	4321	4163	4054	3936	3839
4604	4373	4221	4117	4002	3909
4645	4423	4275	4175	4064	3974
4684	4468	4327	4229	4122	4035
4720	4511	4374	4279	4176	4092
4754	4552	4419	4327	4227	4145

VARIABLE FILTER
997 11 69
VI
Frequency in Hz
11 | 35
9 | 35