997-11.69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 2433 — LINEA F-76-21 — NE 3000

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5
TIME ORIGIN: Source and cable depth
STACK 4800 %
Boat motion →

661 | Date: JUNE 17.76 | Checked DV

PROCESSING SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPCI (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms windows 500 - 2300 ms / 1900 - 3600 ms } Below 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 V tr 1 Streamer tr48
332 m SHORAN positioning

00132

F.76.04 / 1363

Water depth in meters

TWT 2433 2440 2450 2460 2470 2480 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710 2720 2730 2740 2750 2760 2770 2780 2790 2800 2810 2820 2830 2840 2850 2860 2870 2880 2890 2900 2910 2920 2930 2940 2950 2960 2970 2980 2990 3000 TWT

1140 1144 1148 1148 1152 1154 1156 1158 1160 1162 1164 1165

VA VA VA VA VA

000 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600

FROM SP TO SP *	*FROM SP* TO SP *	*FROM SP* TO SP *	*FROM SP* TO SP *	*FROM SP* TO SP *	*FROM SP* TO SP *
2402*	2522*	2642*	2762*	2658*	2947*
2403*	2523*	2643*	2763*	2659*	3000*
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
1523	1516	1510	1510	1513	1511
1574	1552	1547	1546	1558	1551
1616	1604	1587	1581	1592	1593
1674	1647	1637	1647	1652	1644
1778	1722	1727	1706	1720	1668
1865	1790	1806	1776	1792	1782
2000	1866	1910	1862	1894	1862
2116	1942	2014	2015	1993	1965
2246	2007	2118	2136	2094	2107
2549	2143	2264	2243	2206	2202
2654	2379	2444	2497	2311	2257
3152	2797	2792	2751	2514	2466
3416	3366	3212	2989	2716	2746
3539	3492	3466	3169	2936	3022
3651	3606	3583	3297	3241	3216
3753	3710	3688	3415	3421	3337
3846	3805	3785	3522	3526	3448
3932	3893	3873	3621	3627	3550
4012	3974	3955	3713	3710	3644
4086	4049	4031	3796	3803	3732
4154	4117	4101	3870	3861	3813
4218	4184	4167	3949	3954	3868
4277	4244	4226	4018	4022	3958
4333	4301	4285	4082	4086	4024
4385	4354	4338	4142	4146	4086
4434	4404	4389	4196	4202	4144

VARIABLE FILTER
997.11.69 VII
Frequency in Hz
9 12 18 25 30 40 50 60
11 60
9 38
9 38