997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 1989 — LINEA F-76-04 — SE 1481

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

737 | Date: JUNE 25.76 | 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 } 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 tr 1 Streamer tr 48
332 m DOPPLER positioning

00011

F76.19 / 276

Water depth in meters

VA 1118 1116 VA 1120 1120 1156 1160 VA 1169 1157 1156 VA 1156 1156 1156 VA 1156 1156 1156

TWT 1990 1980 1970 1960 1950 1940 1930 1920 1910 1900 1890 1880 1870 1860 1850 1840 1830 1820 1810 1800 1790 1780 1770 1760 1750 1740 1730 1720 1710 1700 1690 1680 1670 1660 1650 1640 1630 1620 1610 1600 1590 1580 1570 1560 1550 1540 1530 1520 1510 1500 1490 1481

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

TWT	FROM SP 2044 TO SP 2044	FROM SP 1924 TO SP 1924	FROM SP 1804 TO SP 1804	FROM SP 1684 TO SP 1684	FROM SP 1564 TO SP 1564	FROM SP 1444 TO SP 1444
	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	1500	1500	1500
1400	1500	1500	1500	1500	1500	1500
1600	1513	1508	1511	1513	1517	1515
1800	1558	1535	1552	1562	1555	1569
2000	1614	1589	1582	1606	1596	1601
2200	1660	1664	1652	1642	1646	1636
2400	1771	1727	1726	1726	1721	1725
2600	1875	1853	1825	1786	1771	1790
2800	1975	1984	1962	1904	1917	1892
3000	2092	2115	2095	2016	2039	2007
3200	2238	2346	2263	2173	2145	2194
3400	2546	2534	2457	2339	2496	2514
3600	2877	2674	2668	2603	2788	2747
3800	3108	2904	3112	2950	2999	2895
4000	3252	3116	3320	3186	3149	3036
4200	3383	3255	3447	3330	3285	3166
4400	3502	3380	3563	3451	3409	3295
4600	3711	3494	3669	3562	3521	3413
4800	3710	3598	3766	3663	3625	3521
5000	3802	3694	3856	3757	3719	3620
5200	3886	3783	3938	3843	3807	3711
5400	3964	3865	4015	3923	3888	3796
5600	4037	3941	4085	3997	3964	3875
5800	4105	4012	4151	4066	4034	3948
6000	4168	4076	4213	4131	4099	4016
6200	4227	4140	4271	4191	4161	4080
6400	4282	4198	4325	4247	4218	4140
6600	4334	4253	4375	4300	4272	4197

VARIABLE FILTER
997.11. VII
Frequency in Hz
10 20 30 40 50 60 80
11 60
9 48
9 38