997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 1480 — LINEA F-76-04 — SE 972

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion ←

736 | 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 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 DOPPLER positioning

00010

F76 21 2731

VA VA VA VA

Water depth in meters

TWT 1430 1470 1460 1450 1440 1430 1420 1410 1400 1390 1380 1170 1360 1350 1340 1330 1320 1310 1300 1290 1280 1270 1260 1250 1240 1230 1220 1210 1200 1190 1180 1170 1160 1150 1140 1130 1120 1110 1100 1090 1080 1070 1060 1050 1040 1030 1020 1010 1000 990 980 972

1156 1156 1157 1158 1156 1156 1156 1156 1155 1152

TWT	*FROM SP* 1564* TO SP * AV.VEL.* IN M/S*	*FROM SP* 1444* TO SP * AV.VEL.* IN M/S*	*FROM SP* 1324* TO SP * AV.VEL.* IN M/S*	*FROM SP* 1204* TO SP * AV.VEL.* IN M/S*	*FROM SP* 1084* TO SP * AV.VEL.* IN M/S*	*FROM SP* 964* TO SP * 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	1517	1515	1512	1509	1515	1509
1800	1555	1569	1553	1541	1553	1542
2000	1596	1601	1607	1582	1604	1588
2200	1646	1636	1660	1656	1649	1636
2400	1721	1725	1718	1716	1717	1711
2600	1771	1790	1786	1791	1785	1788
2800	1917	1892	1908	1883	1864	1905
3000	2039	2007	1989	2005	1977	1972
3200	2145	2194	2187	2146	2093	2054
3400	2496	2514	2207	2281	2231	2164
3600	2788	2747	2436	2426	2382	2261
3800	2999	2899	2661	2717	2591	2366
4000	3149	3036	2890	2978	2793	2581
4200	3285	3166	3053	3169	2946	2805
4400	3409	3295	3187	3297	3085	3017
4600	3521	3413	3309	3415	3211	3146
4800	3625	3521	3421	3522	3328	3265
5000	3719	3620	3524	3621	3434	3375
5200	3807	3711	3619	3713	3533	3475
5400	3888	3796	3707	3798	3625	3569
5600	3964	3875	3789	3876	3709	3656
5800	4034	3948	3866	3949	3786	3737
6000	4099	4016	3937	4016	3862	3812
6200	4161	4080	4003	4082	3931	3883
6400	4218	4140	4066	4142	3996	3949
6600	4272	4197	4124	4196	4056	4011

VARIABLE FILTER

997.11.

VII

Frequency in Hz

10 20 30 40 50 60 70 80

11 60

9 48

9 38