997-11-69 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 1862 **LINEA F.76-15** NE 1201

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion ←

565 Date: MAY 20..76 Checked R/L

PROCESSING SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPO-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 RMO 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 nr 48 / group
48Fold coverage
Energy source VAPORCHOC (Depth 5 m)
SP 1 r 1 Streamer tr48
332m SHORAN positioning

00099

F.76.10
3000

VA

Water depth in meters

NO SOUNDINGS

TWT

1862 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 1480 1470 1460 1450 1440 1430 1420 1410 1400 1390 1380 1370 1360 1350 1340 1330 1320 1310 1300 1290 1280 1270 1260 1250 1240 1230 1220 1210 1201

TWT

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

SPREAD SPREAD SPREAD SPREAD SPREAD SPREAD SPREAD SPREAD
* 1914* 1794* 1674* 1554* 1434* 1314* 1194* 1074*
* TC SP * TC SP * TC SP * TC SP * TC SP * TC SP * TC SP * TC SP *
*RMS VEL*RMS VEL*RMS VEL*RMS VEL*RMS VEL*RMS VEL*RMS VEL*RMS VEL*
* TM M/S* TM M/S* TM M/S* TM M/S* TM M/S* TM M/S* TM M/S* TM M/S*

TWT							
800	1500	1500	1500	1500	1500	1500	1500
1000	1564	1647	1525	1500	1500	1500	1500
1200	1500	1543	1574	1550	1500	1500	1500
1400	1619	1581	1743	1567	1531	1516	1511
1600	1735	1667	1811	1651	1568	1568	1555
1800	1809	1732	1843	1708	1627	1637	1605
2000	1876	1807	1874	1760	1691	1670	1664
2200	1968	1866	1914	1947	1818	1744	1677
2400	2039	1947	1983	2076	1951	1815	1767
2600	2120	2047	2085	2262	2170	1965	1870
2800	2195	2352	2410	2514	2410	2063	1984
3000	2742	2633	2703	2815	2681	2316	2170
3200	3056	3028	3078	3028	3112	2985	2469
3400	3264	3238	3238	3238	3317	3134	2884
3600	3449	3424	3424	3424	3488	3347	3074
3800	3635	3592	3592	3592	3663	3524	3260
4000	3764	3742	3747	3747	3808	3642	3427
4200	3890	3878	3878	3878	3940	3765	3578
4400	4022	4002	4002	4002	4067	3903	3715
4600	4134	4119	4119	4119	4177	3819	3841
4800	4237	4219	4219	4218	4274	3926	3956
5000	4331	4313	4313	4313	4367	4047	4061
5200	4419	4401	4401	4401	4453	4140	4159
5400	4499	4483	4483	4483	4533	4231	4249
5600	4574	4558	4558	4558	4607	4316	4333
5800	4644	4629	4629	4629	4675	4397	4412
6000	4709	4694	4694	4694	4738	4468	4484
6200	4770	4756	4756	4756	4798	4537	4553
6400	4828	4814	4814	4814	4856	4601	4617

VARIABLE FILTER

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Frequency in Hz
0 10 20 30 40 50 60

11 48

0 28