997-11-69 **AGIP**

OFFSHORE ITALIA

ZONA F

SW 1816 — LINEA F.76.74E — NE 1181

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion ←

537 Date: MAY 12..76 Checked PC

PROCESSING SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPC (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 10 m)
groups: 48 (group interval: 50 m)
Geophones type: HC 201 n° 48 / group
48Fold coverage
Energy source: VAPORCHOC (Depth 5 m)
SP 1 tr 1 Streamer tr 48
330m MOTOROLA positioning

00323

F76.074D 1343 F76.135 528

F76.133 455

Water depth in meters 210

TWT 1816 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 1200 1190 1181 TWT

VA VA VA VA VA VA VA VA

216 280 212 348 256 398 376 356 384 389 357 384/325 424 285 356 376 352 380 412 460 423 440 395 692 600 770 580 348 350 255

FROM SP 1726* 1616* TO SP * TO SP * TO SP * TO SP * TO SP * TO SP * TO SP *

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* *AV.VEL* IN M/S*

TWT							
000	1500	1500	1500	1500	1500	1500	1500
200	1500	1500	1500	1500	1500	1500	1603
400	1641	1618	1558	1517	1500	1584	1698
600	1798	1685	1638	1565	1500	1626	1792
800	1936	1785	1750	1632	1513	1734	1920
1000	2100	1935	1893	1717	1604	1876	2076
1200	2331	2069	1987	1852	1706	1977	2218
1400	2434	2144	2079	1948	1850	2156	2417
1600	2640	2399	2167	2074	1973	2417	2591
1800	2651	2519	2241	2080	2114	2634	2745
2000	2981	2617	2402	2347	2243	2805	2881
2200	3049	2785	2549	2573	2410	2992	2996
2400	3184	3108	2846	2820	2616	3190	3116
2600	3299	3199	3099	3053	2847	3360	3304
2800	3399	3386	3293	3250	3099	3532	3483
3000	3562	3549	3462	3421	3280	3687	3641
3200	3705	3694	3611	3573	3440	3823	3779
3400	3833	3822	3744	3708	3582	3944	3903
3600	3947	3936	3863	3828	3709	4052	4013
3800	4049	4039	3969	3937	3824	4149	4112
4000	4142	4133	4066	4035	3927	4237	4202
4200	4227	4218	4154	4125	4022	4317	4284
4400	4304	4295	4234	4206	4108	4390	4359
4600	4374	4366	4308	4281	4186	4458	4427
4800	4439	4431	4375	4349	4259	4519	4490
5000	4499	4492	4438	4413	4326	4576	4548
5200	4555	4548	4496	4472	4388	4629	4602
5400	4607	4599	4549	4526	4445	4678	4652
5600	4655	4648	4599	4577	4499	4723	4698
5800	4699	4693	4646	4625	4549	4766	4741
6000	4741	4735	4690	4669	4596	4806	4782
6200	4781	4774	4731	4710	4640	4843	4820
6400							

VARIABLE FILTER

997 11 69

VI

frequency in Hz

11 55

9 36