997-11-69 **AGIP**

OFFSHORE ITALIA

ZONA F

SW 530 — LINEA F.76-51 — NE 1136

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

654 | Date: JUNE 16.76 | Checked

**PROCESSING** SAMPLING RATE 4 ms

1. AMPLITUDE RECOVERY
2. WAPC-stabilization by vaporchoc signal
3. MUTING
4. DECONVOLUTION 240 ms
   window: 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

48Fold coverage

Energy source VAPORCHOC (Depth 5 m)

SP 1+1 Streamer tr48

332m SHORAN positioning

00250

F.76.40B 2464

Water depth in meters

TWT

NO SOUNDINGS

VA

992 987 932 936 916 888 846 832 836

TWT

FROM SP FROM SP FROM SP FROM SP FROM SP FROM SP FROM SP
TO SP TO SP TO SP TO SP TO SP TO SP TO SP
AV.VEL. AV.VEL. AV.VEL. AV.VEL. AV.VEL. AV.VEL. AV.VEL.
IN M/S IN M/S IN M/S IN M/S IN M/S IN M/S IN M/S

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 475 | 555 | 654 | 762 | 903 | 967 | 1136 |
| | 475 | 555 | 654 | 814 | 847 | 967 | 1136 |
| 000 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 200 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 400 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 600 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 800 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1000 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1516 |
| 1200 | 1500 | 1510 | 1505 | 1514 | 1536 | 1560 | 1569 |
| 1400 | 1556 | 1582 | 1544 | 1562 | 1686 | 1719 | 1637 |
| 1600 | 1789 | 1708 | 1659 | 1741 | 1635 | 1916 | 1634 |
| 1800 | 1976 | 1930 | 1853 | 1960 | 2015 | 2063 | 2047 |
| 2000 | 2160 | 2152 | 2088 | 2223 | 2244 | 2265 | 2315 |
| 2200 | 2472 | 2437 | 2274 | 2534 | 2596 | 2636 | 2598 |
| 2400 | 2993 | 2756 | 2517 | 2940 | 2900 | 2909 | 2823 |
| 2600 | 3267 | 3032 | 2784 | 3103 | 3160 | 3173 | 3073 |
| 2800 | 3479 | 3269 | 3036 | 3316 | 3389 | 3401 | 3308 |
| 3000 | 3674 | 3478 | 3261 | 3540 | 3590 | 3601 | 3514 |
| 3200 | 3847 | 3661 | 3457 | 3720 | 3767 | 3777 | 3695 |
| 3400 | 3969 | 3824 | 3632 | 3880 | 3924 | 3934 | 3857 |
| 3600 | 4136 | 3971 | 3788 | 4023 | 4065 | 4074 | 4001 |
| 3800 | 4259 | 4102 | 3929 | 4152 | 4192 | 4201 | 4131 |
| 4000 | 4371 | 4221 | 4056 | 4266 | 4317 | 4315 | 4249 |
| 4200 | 4472 | 4329 | 4171 | 4374 | 4411 | 4419 | 4355 |
| 4400 | 4565 | 4428 | 4277 | 4471 | 4506 | 4514 | 4453 |
| 4600 | 4649 | 4518 | 4374 | 4560 | 4593 | 4601 | 4543 |
| 4800 | 4727 | 4601 | 4463 | 4641 | 4673 | 4680 | 4625 |
| 5000 | 4799 | 4678 | 4545 | 4717 | 4748 | 4754 | 4701 |
| 5200 | 4866 | 4749 | 4621 | 4786 | 4816 | 4823 | 4771 |
| 5400 | 4928 | 4816 | 4692 | 4851 | 4880 | 4886 | 4836 |
| 5600 | 4986 | 4877 | 4757 | 4912 | 4939 | 4945 | 4897 |
| 5800 | 5039 | 4934 | 4819 | 4968 | 4994 | 5002 | 4954 |
| 6000 | 5090 | 4988 | 4876 | 5020 | 5046 | 5052 | 5007 |
| 6200 | 5137 | 5039 | 4930 | 5070 | 5095 | 5100 | 5057 |
| 6400 | | | | | | | |

VARIABLE FILTER

997-11-69

Frequency in Hz

8 12 25 35 50 60