997-11-50 **AGIP**

OFFSHORE ITALIA

ZONA F

S 1 — LINEA F-75-68 — N 568

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

379 | Date: MARCH 2 -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 GLORITA TIDE Shooting date NOV 1975

Field recorder SN 338 filter 1/8 125

Floating point, sampling 4 ms

Streamer 2400 m (Depth 18 m)

groups 48 (group interval 50 m)

Geophones type HC 201 nr 48 / group

48 Fold coverage

Energy source VAPORCHOC (Depth 6 m)

SP 1/1 Streamer 1/48

330m MOTOROLA positioning

00259

F 75 117 907

F 75 115 911

VA

NO SOUNDINGS

Water depth in meters

TWT

1 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 568

0 200 400 600 800 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

*F 75068 A*

| TWT | *AV.VEL.* FROM SP 1 TO SP 3 | *AV.VEL.* FROM SP 109 TO SP 110 | *AV.VEL.* FROM SP 228 TO SP 229 | *AV.VEL.* FROM SP 700 TO SP 701 | *AV.VEL.* FROM SP 362 TO SP 363 | *AV.VEL.* FROM SP 400 TO SP 402 | *AV.VEL.* FROM SP 419 TO SP 568 |
|---|---|---|---|---|---|---|---|
| | IN M/S* | IN M/S* | IN M/S* | IN M/S* | IN M/S* | IN M/S* | IN M/S* |
| 000 | | | | | | | |
| 200 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1538 |
| 400 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1624 |
| 600 | 1500 | 1500 | 1500 | 1500 | 1500 | 1698 | 1804 |
| 800 | 1500 | 1500 | 1500 | 1500 | 1566 | 1947 | 1995 |
| 1000 | 1500 | 1500 | 1500 | 1500 | 1683 | 2096 | 2202 |
| 1200 | 1500 | 1500 | 1500 | 1521 | 1749 | 2196 | 2287 |
| 1400 | 1500 | 1500 | 1503 | 1697 | 1948 | 2267 | 2348 |
| 1600 | 1500 | 1521 | 1548 | 1712 | 1958 | 2320 | 2578 |
| 1800 | 1555 | 1563 | 1595 | 1782 | 2141 | 2474 | 2617 |
| 2000 | 1599 | 1615 | 1677 | 1810 | 2188 | 2652 | 3039 |
| 2200 | 1653 | 1696 | 1742 | 2024 | 2227 | 2787 | 3163 |
| 2400 | 1742 | 1763 | 1900 | 2119 | 2396 | 2899 | 3266 |
| 2600 | 1828 | 1833 | 1896 | 2193 | 2662 | 3123 | 3434 |
| 2800 | 1898 | 1925 | 2053 | 2422 | 2801 | 3314 | 3603 |
| 3000 | 1967 | 2033 | 2293 | 2676 | 3054 | 3479 | 3750 |
| 3200 | 2091 | 2130 | 2502 | 2699 | 3225 | 3624 | 3878 |
| 3400 | 2216 | 2259 | 2597 | 2862 | 3377 | 3752 | 3991 |
| 3600 | 2345 | 2406 | 2786 | 3044 | 3511 | 3866 | 4031 |
| 3800 | 2479 | 2538 | 3250 | 3199 | 3612 | 3968 | 4131 |
| 4000 | 2637 | 2679 | 3187 | 3319 | 3740 | 4059 | 4262 |
| 4200 | 2786 | 2828 | 3312 | 3438 | 3838 | 4142 | 4335 |
| 4400 | 2923 | 2963 | 3429 | 3546 | 3927 | 4218 | 4402 |
| 4600 | 3043 | 3086 | 3528 | 3643 | 4003 | 4286 | 4463 |
| 4800 | 3163 | 3199 | 3623 | 3737 | 4083 | 4349 | 4518 |
| 5000 | 3269 | 3301 | 3710 | 3815 | 4152 | 4407 | 4570 |
| 5200 | 3366 | 3399 | 3790 | 3892 | 4215 | 4461 | 4617 |
| 5400 | 3456 | 3488 | 3864 | 3962 | 4274 | 4511 | 4661 |
| 5600 | 3540 | 3571 | 3934 | 4028 | 4328 | 4557 | 4701 |
| 5800 | 3618 | 3648 | 3995 | 4089 | 4379 | 4599 | 4739 |
| 6000 | 3690 | 3719 | 4058 | 4146 | 4427 | 4639 | 4775 |
| 6200 | 3758 | 3787 | 4114 | 4199 | 4471 | 4677 | 4808 |
| 6400 | 3822 | 3849 | 4167 | 4249 | 4512 | 4712 | 4839 |

VARIABLE FILTER

997.11.50 II

Frequency in Hz

0 5 10 15 20 25 30 35 40 45 50 55 60

TS