997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

S 1140 — LINEA F-75-70B — N 1743

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5
TIME ORIGIN: Source and cable depth
STACK 4800 %
Boat motion →

368 | Date: FEB 24 .76 | Checked

**PROCESSING** SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPC(stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 900 - 2300 ms ↓ Below sea bottom
1900 - 3600 ms
5 VELOCITY ANALYSIS (VA)
6 RMS 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 n° 48 / group
48Fold coverage
Energy source VAPORCHOC (Depth 6 m)
SP Tr1 Streamer Tr48
330m MOTOROLA positioning

00254

F 75.119 81

F 75.117 1292

VA

NO SOUNDINGS

Water depth in meters

TWT

1140 1150 1160 1170 1180 1190 1200 1210 1220 1230 1240 1250 1260 1270 1280 1290 1300 1310 1320 1330 1340 1350 1360 1370 1380 1390 1400 1410 1420 1430 1440 1450 1460 1470 1480 1490 1500 1510 1520 1530 1540 1550 1560 1570 1580 1590 1600 1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1743

| TWT | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP | FROM SP TO SP |
|---|---|---|---|---|---|---|---|
| | 1019 1011 | 1145 1187 | 1299 1300 | 1341 1359 | 1551 1555 | 1691 1683 | 1816 1817 |
| | 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 |
| 000 | | | | | | | |
| 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 | 1511 |
| 1200 | 1500 | 1500 | 1500 | 1500 | 1500 | 1511 | 1549 |
| 1400 | 1536 | 1500 | 1500 | 1500 | 1500 | 1547 | 1597 |
| 1600 | 1584 | 1500 | 1523 | 1523 | 1538 | 1575 | 1666 |
| 1800 | 1627 | 1519 | 1563 | 1570 | 1593 | 1678 | 1789 |
| 2000 | 1774 | 1586 | 1609 | 1633 | 1691 | 1791 | 1907 |
| 2200 | 2008 | 1647 | 1680 | 1720 | 1801 | 1929 | 2014 |
| 2400 | 2068 | 1714 | 1751 | 1800 | 1912 | 2091 | 2136 |
| 2600 | 2205 | 1785 | 1816 | 1911 | 2166 | 2278 | 2199 |
| 2800 | 2322 | 1880 | 1878 | 2025 | 2286 | 2460 | 2525 |
| 3000 | 2489 | 1998 | 1934 | 2117 | 2442 | 2683 | 2758 |
| 3200 | 2696 | 2131 | 2045 | 2176 | 2652 | 2878 | 2945 |
| 3400 | 2873 | 2306 | 2215 | 2232 | 2837 | 3049 | 3117 |
| 3600 | 3043 | 2501 | 2365 | 2300 | 3002 | 3202 | 3266 |
| 3800 | 3186 | 2674 | 2541 | 2484 | 3149 | 3333 | 3399 |
| 4000 | 3316 | 2830 | 2704 | 2650 | 3242 | 3460 | 3519 |
| 4200 | 3435 | 2971 | 2852 | 2800 | 3401 | 3573 | 3628 |
| 4400 | 3542 | 3100 | 2986 | 2936 | 3510 | 3674 | 3727 |
| 4600 | 3640 | 3217 | 3108 | 3061 | 3610 | 3767 | 3817 |
| 4800 | 3730 | 3325 | 3220 | 3175 | 3701 | 3852 | 3899 |
| 5000 | 3813 | 3424 | 3323 | 3280 | 3785 | 3929 | 3975 |
| 5200 | 3889 | 3515 | 3419 | 3377 | 3863 | 4001 | 4046 |
| 5400 | 3960 | 3600 | 3507 | 3466 | 3934 | 4068 | 4111 |
| 5600 | 4026 | 3678 | 3589 | 3550 | 4001 | 4130 | 4171 |
| 5800 | 4087 | 3752 | 3665 | 3627 | 4063 | 4187 | 4227 |
| 6000 | 4144 | 3820 | 3736 | 3700 | 4121 | 4241 | 4279 |
| 6200 | 4197 | 3884 | 3803 | 3768 | 4175 | 4291 | 4329 |
| 6400 | 4248 | 3944 | 3865 | 3831 | 4226 | 4339 | 4374 |

VARIABLE FILTER
997.11.50
II
Frequency in Hz
96 80