997-11.50

**AGIP**

OFFSHORE ITALIA
ZONA F

NW 5650 **LINEA F-76-14** SE 6368

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

642 Date: JUNE 15.76 Checked

**PROCESSING**
(SAMPLING RATE 4 ms)

1 AMPLITUDE RECOVERY
2 WAPI (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
window: 500 2300 ms } Below
1900 2600 ms } sea bottom
5 VELOCITY ANALYSIS (KM)
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 JAN./1976
Field recorder SN 338 filter VB 125
Floating point, sampling 4 ms
Streamer: 2400 m (Depth 20 m)
groups 48 (group interval 50 m)
Geophones type HC 201 n° 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 4 m)
18 Sv Streamer 1-48
340m SHORAN positioning

00096

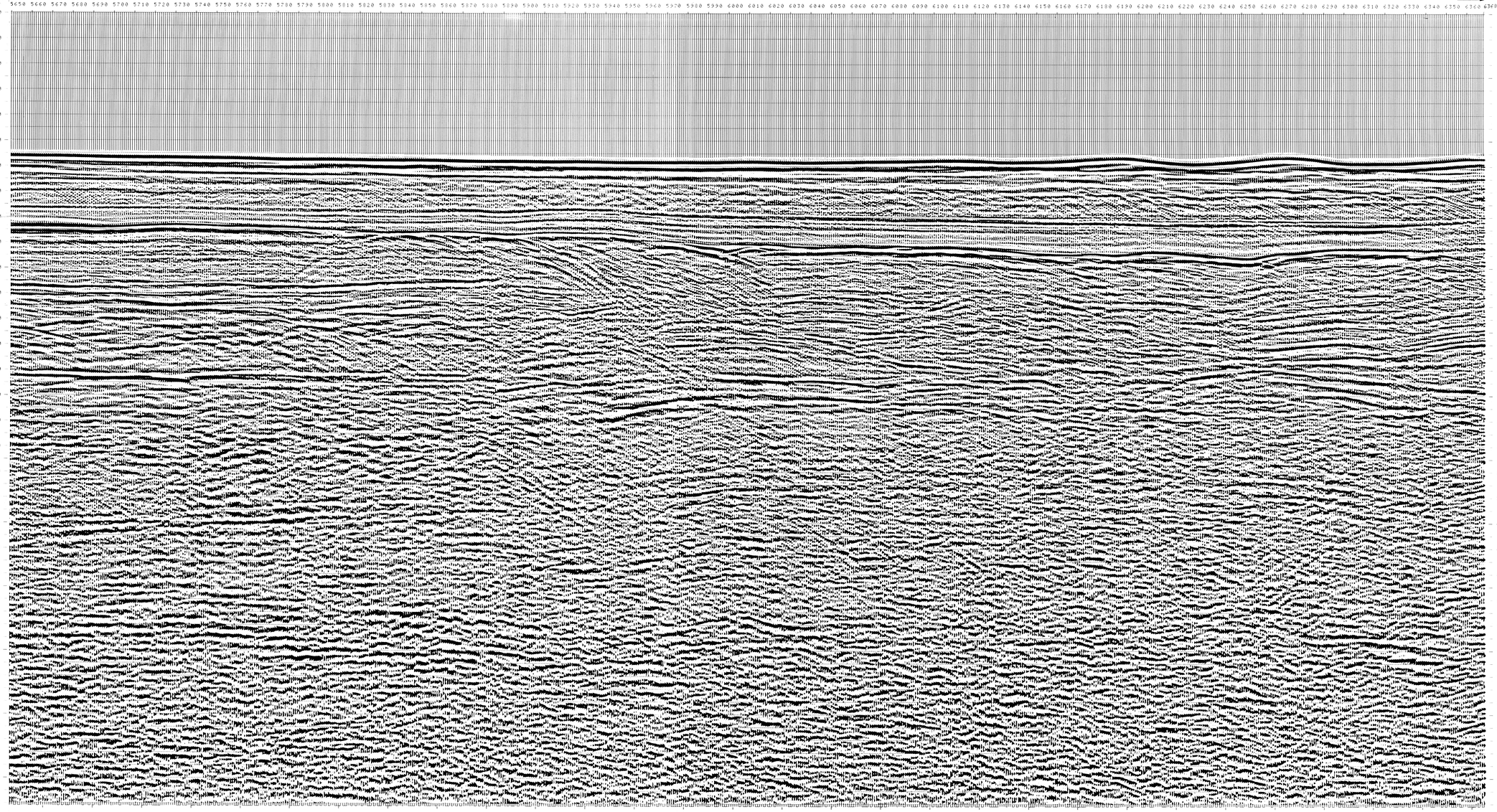
F-76.19 2330

F-76.21 691

NO SOUNDINGS

Water depth in meters

TWT 5650 5660 5670 5680 5690 5700 5710 5720 5730 5740 5750 5760 5770 5780 5790 5800 5810 5820 5830 5840 5850 5860 5870 5880 5890 5900 5910 5920 5930 5940 5950 5960 5970 5980 5990 6000 6010 6020 6030 6040 6050 6060 6070 6080 6090 6100 6110 6120 6130 6140 6150 6160 6170 6180 6190 6200 6210 6220 6230 6240 6250 6260 6270 6280 6290 6300 6310 6320 6330 6340 6350 6360 6368



| TWT | SPEDOM | SPEDOM | SPEDOM | SPEDOM | SPEDOM | SPEDOM | SPEDOM | SP |
|---|---|---|---|---|---|---|---|---|
| | 5656* | 5674* | 5702* | 5932* | 6341* | 6144* | 6238* | 6368 |
| | TO SP * | TO SP * | TO SP * | TO SP * | TO SP * | TO SP * | TO SP * | TO SP |
| | 5656* | 5674* | 5702* | 5932* | 6341* | 6144* | 6238* | 6368 |
| | *AV.VEL.* | *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* | IN M/S* |
| 000 | | | | | | | | |
| 200 | 1586 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 400 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 600 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 800 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1000 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1200 | 1559 | 1515 | 1534 | 1515 | 1512 | 1522 | 1503 | 1512 |
| 1400 | 1654 | 1569 | 1614 | 1564 | 1536 | 1595 | 1542 | 1586 |
| 1600 | 1722 | 1657 | 1663 | 1621 | 1656 | 1657 | 1644 | 1635 |
| 1800 | 1795 | 1754 | 1737 | 1695 | 1724 | 1783 | 1711 | 1783 |
| 2000 | 1874 | 1851 | 1828 | 1776 | 1816 | 1779 | 1764 | 1785 |
| 2200 | 1947 | 1976 | 1902 | 1855 | 1915 | 1873 | 1913 | 1857 |
| 2400 | 2014 | 1976 | 1962 | 1931 | 1937 | 1966 | 1915 | 1926 |
| 2600 | 2073 | 2028 | 2062 | 2058 | 2072 | 2081 | 2101 | 1984 |
| 2800 | 2307 | 2132 | 2174 | 2167 | 2194 | 2225 | 2174 | 2031 |
| 3000 | 2509 | 2312 | 2380 | 2368 | 2358 | 2373 | 2332 | 2106 |
| 3200 | 2791 | 2505 | 2695 | 2363 | 2335 | 2531 | 2482 | 2210 |
| 3400 | 3133 | 2679 | 2784 | 2533 | 2548 | 2686 | 2700 | 2469 |
| 3600 | 3231 | 2889 | 2950 | 2725 | 2817 | 2960 | 2985 | 2599 |
| 3800 | 3408 | 3084 | 3170 | 2992 | 3047 | 3172 | 3094 | 2857 |
| 4000 | 3568 | 3260 | 3342 | 3344 | 3224 | 3343 | 3269 | 3300 |
| 4200 | 3712 | 3419 | 3497 | 3333 | 3385 | 3498 | 3428 | 3143 |
| 4400 | 3847 | 3564 | 3638 | 3365 | 3531 | 3639 | 3573 | 3273 |
| 4600 | 3963 | 3698 | 3757 | 3529 | 3685 | 3768 | 3764 | 3392 |
| 4800 | 4073 | 3817 | 3885 | 3651 | 3787 | 3886 | 3824 | 3500 |
| 5000 | 4174 | 3928 | 3993 | 3771 | 3896 | 3995 | 3935 | 3610 |
| 5200 | 4267 | 4031 | 4093 | 3885 | 4003 | 4095 | 4038 | 3692 |
| 5400 | 4354 | 4126 | 4186 | 3985 | 4090 | 4188 | 4133 | 3778 |
| 5600 | 4434 | 4214 | 4277 | 4079 | 4170 | 4279 | 4221 | 3857 |
| 5800 | 4509 | 4298 | 4351 | 4161 | 4252 | 4354 | 4313 | 3931 |
| 6000 | 4578 | 4373 | 4428 | 4242 | 4341 | 4429 | 4379 | 4000 |
| 6200 | 4644 | 4445 | 4498 | 4313 | 4427 | 4499 | 4451 | 4065 |

VARIABLE FILTER

997-11.50

Frequency in Hz

| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|---|---|---|---|---|---|---|---|
| 11 | | | | | | | 60 |
| 5 | | | | | | | 58 |
| 5 | | | | | | | 58 |