997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 1100 — LINEA F-76-12 — SE 1629

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

664 | Date: JUNE 18.76 | Checked

**PROCESSING**
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPCO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows: 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 JAN /1976
Field recorder SN 338 filter V8.125
Floating point - sampling 4 ms
Streamer 2400 m (Depth 19 m)
groups 48 (group interval 50 m)
Geophones type HC 201 n° 48 / group
48 Fold coverage
Energy source VAPORCHOC (Depth 6 m)
SP Tr1 Streamer Tr48
310 m SHORAN positioning

00070

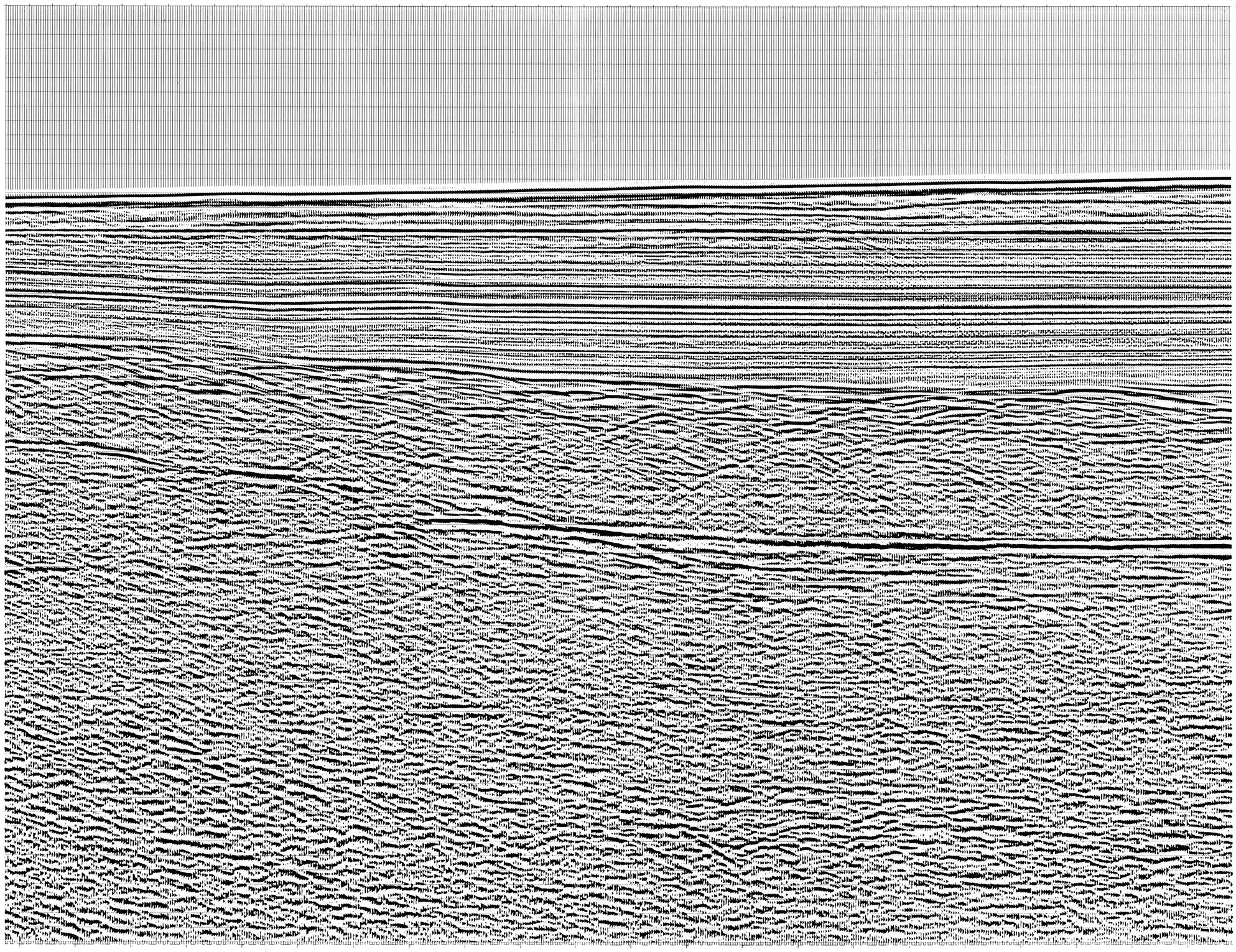
F76.31 868

VA

NO SOUNDINGS

Water depth in meters

TWT



| TWT | FROM SP TO SP 1059 1059 | FROM SP TO SP 1166 1166 | FROM SP TO SP 1298 1298 | FROM SP TO SP 1402 1402 | FROM SP TO SP 1529 1529 | FROM SP TO SP 1654 1654 |
|---|---|---|---|---|---|---|
| | 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 |
| 400 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 600 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 800 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1000 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1200 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 1400 | 1506 | 1504 | 1511 | 1503 | 1520 | 1560 |
| 1600 | 1527 | 1528 | 1535 | 1506 | 1546 | 1592 |
| 1800 | 1576 | 1586 | 1591 | 1566 | 1591 | 1667 |
| 2000 | 1653 | 1650 | 1669 | 1673 | 1677 | 1715 |
| 2200 | 1716 | 1751 | 1731 | 1751 | 1764 | 1775 |
| 2400 | 1792 | 1847 | 1834 | 1808 | 1835 | 1855 |
| 2600 | 1895 | 1925 | 1931 | 1920 | 1933 | 1940 |
| 2800 | 2068 | 2016 | 1996 | 2023 | 2016 | 2020 |
| 3000 | 2218 | 2123 | 2091 | 2116 | 2100 | 2093 |
| 3200 | 2389 | 2218 | 2207 | 2186 | 2183 | 2298 |
| 3400 | 2602 | 2441 | 2446 | 2395 | 2289 | 2374 |
| 3600 | 2790 | 2639 | 2656 | 2600 | 2414 | 2442 |
| 3800 | 2959 | 2815 | 2832 | 2782 | 2552 | 2502 |
| 4000 | 3111 | 2975 | 2990 | 2943 | 2721 | 2677 |
| 4200 | 3249 | 3119 | 3133 | 3089 | 2876 | 2836 |
| 4400 | 3374 | 3250 | 3264 | 3221 | 3016 | 2979 |
| 4600 | 3488 | 3369 | 3383 | 3342 | 3148 | 3111 |
| 4800 | 3593 | 3479 | 3492 | 3453 | 3267 | 3231 |
| 5000 | 3689 | 3580 | 3592 | 3554 | 3376 | 3342 |
| 5200 | 3776 | 3673 | 3684 | 3649 | 3477 | 3444 |
| 5400 | 3860 | 3759 | 3770 | 3736 | 3570 | 3539 |
| 5600 | 3936 | 3839 | 3850 | 3816 | 3657 | 3627 |
| 5800 | 4008 | 3913 | 3924 | 3892 | 3738 | 3708 |
| 6000 | 4074 | 3983 | 3993 | 3962 | 3813 | 3785 |
| 6200 | 4136 | 4048 | 4058 | 4026 | 3884 | 3856 |
| 6400 | 4194 | 4109 | 4119 | 4089 | 3950 | 3923 |

VARIABLE FILTER
997.11.50 VII
frequency in Hz
11 60