997-11-50 **AGIP**

OFFSHORE ITALIA
ZONA F

SW 1 — **LINEA F-75-59** — NE 609

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion →

550 | Date: MAY 14 .76 | Checked RM

**PROCESSING**
SAMPLING RATE 4 ms

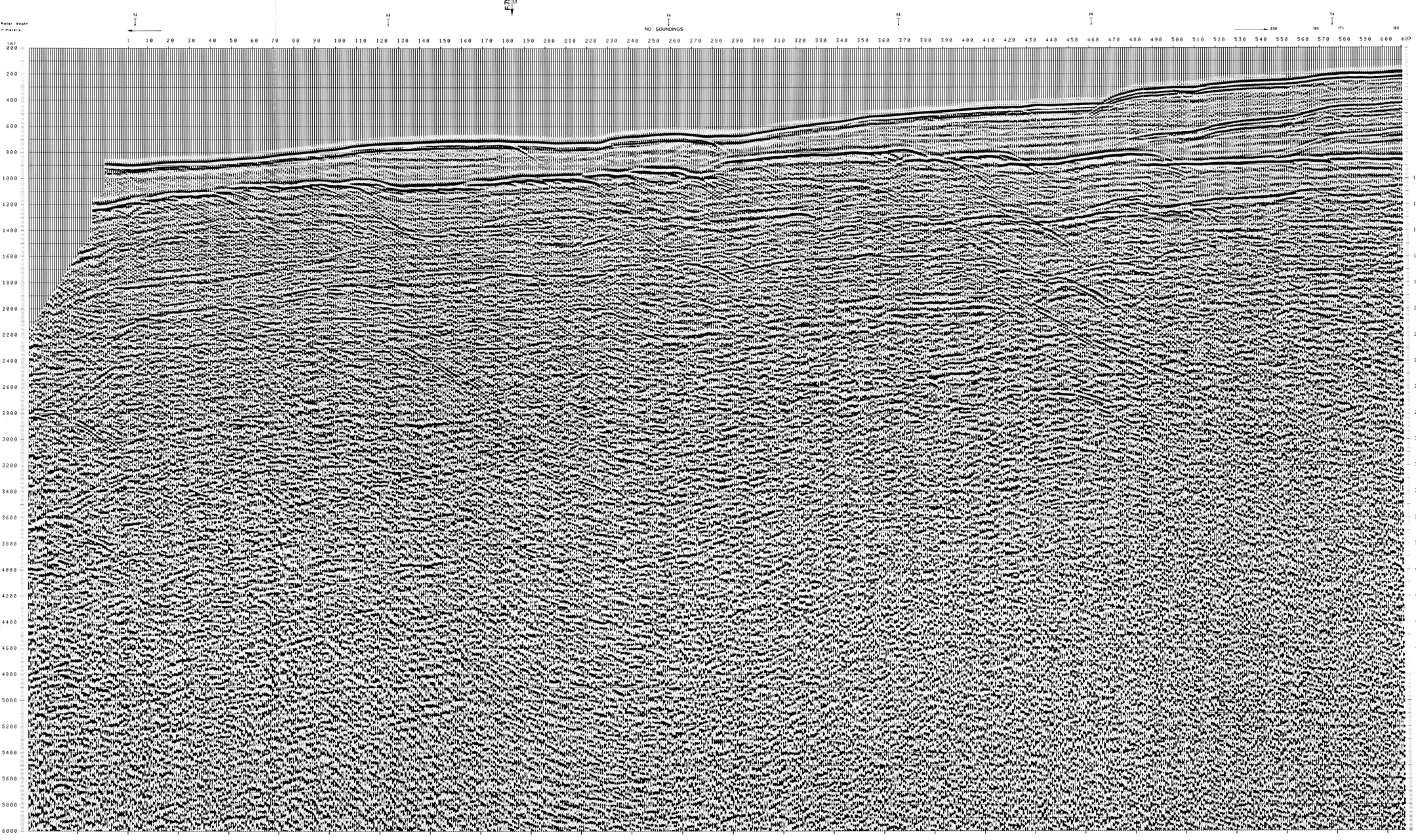
1 AMPLITUDE RECOVERY
2 WAPC (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 - 2300 ms ↓ Below
1900 - 3600 ms ↑ sea bottom
5 VELOCITY ANALYSIS (VA)
6 NMO CORRECTIONS
(LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS)
7 STACK 4800 %
8 TIME VARIANT FILTER (Origin sea bottom)
9 TRACE EQUALIZATION
10 ANALOG DISPLAY

**FIELD RECORDING**
SAMPLING RATE 4 ms

Ship GLORITA TIDE Shooting date DEC /1975
Field recorder SN 338 filter VB 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

00262

F-75.036
1230




| FROM SP TO SP 1 | FROM SP TO SP 2 | FROM SP TO SP 3 | FROM SP TO SP 4 | FROM SP TO SP 5 | FROM SP TO SP 6 | FROM SP TO SP 7 |
|---|---|---|---|---|---|---|
| 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 |
| 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1518 |
| 1500 | 1500 | 1500 | 1500 | 1500 | 1522 | 1641 |
| 1500 | 1500 | 1500 | 1506 | 1591 | 1565 | 1733 |
| 1500 | 1522 | 1544 | 1624 | 1700 | 1761 | 1826 |
| 1555 | 1671 | 1678 | 1899 | 1807 | 1986 | 2101 |
| 1658 | 1816 | 1864 | 2055 | 1979 | 2174 | 2292 |
| 1841 | 1977 | 2003 | 2180 | 1986 | 2418 | 2511 |
| 1964 | 2201 | 2208 | 2328 | 2116 | 2560 | 2755 |
| 2050 | 2416 | 2388 | 2581 | 2217 | 2752 | 2945 |
| 2240 | 2605 | 2626 | 2973 | 2396 | 2995 | 3183 |
| 2539 | 2876 | 2874 | 3327 | 2574 | 3314 | 3493 |
| 2898 | 3133 | 3167 | 3600 | 2681 | 3568 | 3752 |
| 3133 | 3400 | 3449 | 3830 | 2767 | 3820 | 3971 |
| 3427 | 3628 | 3674 | 4028 | 2965 | 4018 | 4159 |
| 3638 | 3827 | 3869 | 4200 | 3208 | 4190 | 4322 |
| 3824 | 4000 | 4040 | 4350 | 3420 | 4341 | 4464 |
| 3987 | 4153 | 4191 | 4482 | 3607 | 4474 | 4590 |
| 4132 | 4289 | 4324 | 4600 | 3772 | 4592 | 4701 |
| 4262 | 4410 | 4444 | 4705 | 3922 | 4698 | 4801 |
| 4379 | 4520 | 4552 | 4800 | 4056 | 4793 | 4891 |
| 4484 | 4619 | 4649 | 4885 | 4177 | 4879 | 4972 |
| 4581 | 4709 | 4738 | 4963 | 4287 | 4957 | 5046 |
| 4668 | 4791 | 4819 | 5034 | 4387 | 5028 | 5114 |
| 4749 | 4866 | 4893 | 5100 | 4480 | 5094 | 5176 |
| 4823 | 4936 | 4961 | 5160 | 4564 | 5154 | 5232 |
| 4891 | 5000 | 5024 | 5215 | 4643 | 5210 | 5285 |
| 4954 | 5059 | 5083 | 5266 | 4715 | 5261 | 5334 |
| 5013 | 5114 | 5137 | 5314 | 4782 | 5309 | 5379 |
| 5068 | 5165 | 5187 | 5358 | 4845 | 5353 | 5421 |
| 5119 | 5213 | 5234 | 5400 | 4904 | 5395 | 5461 |

VARIABLE FILTER
997-11-50 IV
Frequency in Hz