997-11.50

**AGIP**

OFFSHORE ITALIA

ZONA F

SW 2056 **LINEA F.76.35** NE 1351

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING **P5**

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

681 | Date: JUNE 21 ..76 | Checked

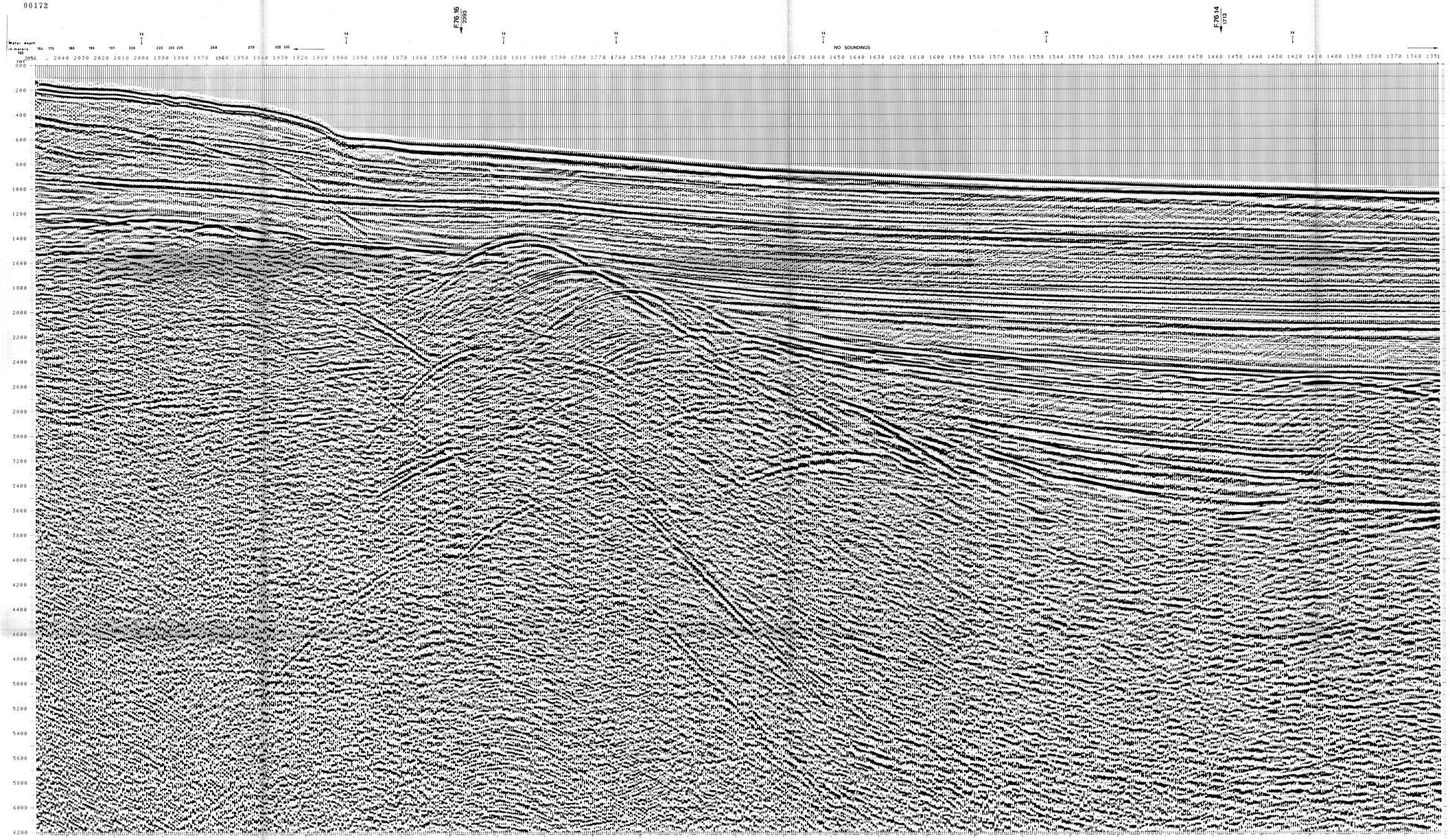
**PROCESSING**
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPCO (stabilization by sapotchic signal)
3 MUTING
4 DECONVOLUTION 240 ms window 500 2300 ms / Below 1900 2600 ms Tiea bottom
5 VELOCITY ANALYSIS (NX)
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 nr 48 / group
48 fold coverage
Energy source VAPORCHOC (Depth 6 m)
SHORAN positioning

00172




| SP | FROM SP TO SP | AV.VEL IN M/S | FROM SP TO SP | AV.VEL IN M/S | FROM SP TO SP | AV.VEL IN M/S | FROM SP TO SP | AV.VEL IN M/S | FROM SP TO SP | AV.VEL IN M/S | FROM SP TO SP | AV.VEL IN M/S | FROM SP TO SP | AV.VEL IN M/S | FROM SP TO SP | AV.VEL IN M/S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2056 | | 1809 | | 1820 | | 1763 | | 1659 | | 1547 | | 1422 | | 1313 | |
| 000 | | | | | | | | | | | | | | | | |
| 200 | | 1500 | | 1500 | | 1500 | | 1500 | | 1500 | | 1500 | | 1500 | | 1500 |
| 400 | | 1591 | | 1500 | | 1500 | | 1500 | | 1500 | | 1500 | | 1500 | | 1500 |
| 600 | | 1688 | | 1537 | | 1500 | | 1500 | | 1500 | | 1500 | | 1500 | | 1500 |
| 800 | | 1772 | | 1641 | | 1530 | | 1522 | | 1500 | | 1500 | | 1500 | | 1500 |
| 1000 | | 1855 | | 1754 | | 1609 | | 1605 | | 1570 | | 1536 | | 1513 | | 1515 |
| 1200 | | 1998 | | 1839 | | 1692 | | 1672 | | 1624 | | 1582 | | 1560 | | 1543 |
| 1400 | | 2185 | | 2066 | | 1773 | | 1704 | | 1683 | | 1618 | | 1608 | | 1591 |
| 1600 | | 2455 | | 2208 | | 1937 | | 1836 | | 1733 | | 1674 | | 1650 | | 1638 |
| 1800 | | 2806 | | 2541 | | 2047 | | 1975 | | 1798 | | 1772 | | 1714 | | 1683 |
| 2000 | | 3149 | | 2894 | | 2243 | | 2185 | | 1892 | | 1844 | | 1803 | | 1769 |
| 2200 | | 3462 | | 3231 | | 2503 | | 2347 | | 2058 | | 1929 | | 1893 | | 1876 |
| 2400 | | 3724 | | 3512 | | 2672 | | 2510 | | 2203 | | 2013 | | 1995 | | 1976 |
| 2600 | | 3945 | | 3749 | | 2933 | | 2733 | | 2399 | | 2125 | | 2086 | | 2072 |
| 2800 | | 4135 | | 3953 | | 3195 | | 2937 | | 2638 | | 2217 | | 2191 | | 2164 |
| 3000 | | 4299 | | 4123 | | 3422 | | 3149 | | 2867 | | 2308 | | 2326 | | 2220 |
| 3200 | | 4443 | | 4284 | | 3620 | | 3365 | | 3127 | | 2484 | | 2452 | | 2321 |
| 3400 | | 4570 | | 4420 | | 3796 | | 3555 | | 3331 | | 2661 | | 2642 | | 2481 |
| 3600 | | 4682 | | 4541 | | 3951 | | 3724 | | 3513 | | 2829 | | 2867 | | 2647 |
| 3800 | | 4783 | | 4643 | | 4091 | | 3876 | | 3675 | | 2995 | | 3094 | | 2839 |
| 4000 | | 4874 | | 4743 | | 4216 | | 4012 | | 3821 | | 3175 | | 3261 | | 3012 |
| 4200 | | 4956 | | 4835 | | 4330 | | 4139 | | 3954 | | 3338 | | 3428 | | 3169 |
| 4400 | | 5031 | | 4915 | | 4433 | | 4247 | | 4074 | | 3486 | | 3572 | | 3311 |
| 4600 | | 5099 | | 4989 | | 4527 | | 4349 | | 4184 | | 3622 | | 3704 | | 3441 |
| 4800 | | 5162 | | 5056 | | 4613 | | 4443 | | 4284 | | 3746 | | 3824 | | 3560 |
| 5000 | | 5219 | | 5117 | | 4693 | | 4529 | | 4377 | | 3860 | | 3935 | | 3670 |
| 5200 | | 5272 | | 5174 | | 4766 | | 4609 | | 4462 | | 3965 | | 4038 | | 3771 |
| 5400 | | 5321 | | 5227 | | 4834 | | 4683 | | 4542 | | 4063 | | 4133 | | 3865 |
| 5600 | | 5367 | | 5276 | | 4897 | | 4751 | | 4615 | | 4154 | | 4221 | | 3951 |
| 5800 | | 5410 | | 5322 | | 4956 | | 4815 | | 4684 | | 4238 | | 4301 | | 4032 |
| 6000 | | 5449 | | 5364 | | 5011 | | 4874 | | 4747 | | 4317 | | 4379 | | 4108 |
| 6200 | | 5486 | | 5404 | | 5062 | | 4930 | | 4807 | | 4390 | | 4451 | | 4179 |

VARIABLE FILTER

997-11.50

XVI

Frequency in Hz

0 5 10 15 20 25 30

11 60

70 80

70 80