

997-11-50

**AGIP**

OFFSHORE ITALIA  
ZONA F

NW 513 LINEA F-75-40B SE 1039

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800%

Boat motion

Date: APRIL 21 '76 Checked

483

PROCESSING SAMPLING RATE 4ms

- AMPLITUDE RECOVERY
- WAPCOR (stabilization by vaporchoc signal)
- MUTING
- DECONVOLUTION 240 ms  
Window: 500 - 2300 ms ↓ Below  
1900 - 3600 ms ↑ Sea bottom
- VELOCITY ANALYSIS (VA)
- KMO CORRECTIONS (LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS)
- STACK 4800%
- TIME VARIANT FILTER (Origin sea bottom)
- TRACE EQUALIZATION
- ANALOG DISPLAY

FIELD RECORDING SAMPLING RATE 4ms

Ship: GLORITA TIDE Shooting date: DEC /1975

Field recorder: SN 338 filter: V8-125

Floating point: sampling 4 ms

Streamer: 2400 m (Depth 10 m ↓)

groups 48 (group interval 50 m)

Geophones type: HC 201 n° 48 / group

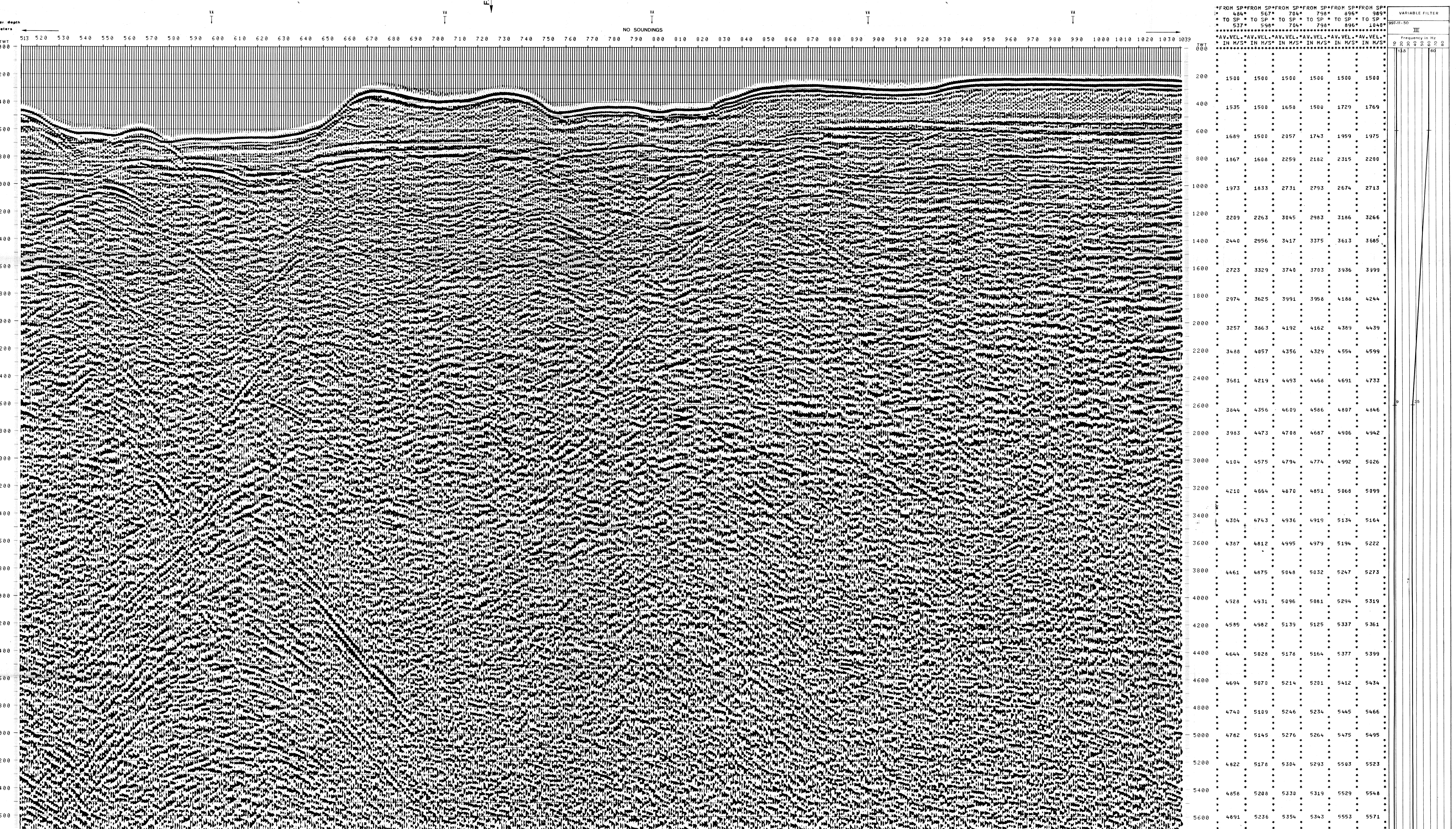
48 fold coverage

Energy source: VAPORCHOC (Depth 6 m ↓)

SP Tr-1 Streamer Tr-48

320m MOTOROLA positioning

00188



| VARIABLE FILTER  |          |          |          |          |          |          |          |          |          |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 997-11-50  |          |          |          |          |          |          |          |          |          |
| III  |          |          |          |          |          |          |          |          |          |
| Frequency in Hz  |          |          |          |          |          |          |          |          |          |
| 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 |          |          |          |          |          |          |          |          |          |
| FROM SP  | FROM SP  | FROM SP  | FROM SP  | FROM SP  | FROM SP  | FROM SP  | FROM SP  | FROM SP  | FROM SP  |
| TO SP  | TO SP    | TO SP    | TO SP    | TO SP    | TO SP    | TO SP    | TO SP    | TO SP    | TO SP    |
| AV. VEL.   | AV. VEL. | 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   | IN M/S   | IN M/S   |
| 1500   | 1500     | 1500     | 1500     | 1500     | 1500     | 1500     | 1500     | 1500     | 1500     |
| 1535   | 1500     | 1658     | 1500     | 1729     | 1769     |          |          |          |          |
| 1689   | 1500     | 2057     | 1743     | 1959     | 1975     |          |          |          |          |
| 1867   | 1608     | 2259     | 2182     | 2315     | 2200     |          |          |          |          |
| 1973   | 1833     | 2731     | 2793     | 2674     | 2713     |          |          |          |          |
| 2209   | 2263     | 3045     | 2983     | 3186     | 3266     |          |          |          |          |
| 2440   | 2956     | 3417     | 3375     | 3613     | 3685     |          |          |          |          |
| 2723   | 3329     | 3740     | 3703     | 3936     | 3999     |          |          |          |          |
| 2974   | 3625     | 3991     | 3958     | 4188     | 4244     |          |          |          |          |
| 3257   | 3863     | 4192     | 4162     | 4389     | 4439     |          |          |          |          |
| 3488   | 4057     | 4356     | 4329     | 4554     | 4599     |          |          |          |          |
| 3681   | 4219     | 4493     | 4468     | 4691     | 4733     |          |          |          |          |
| 3844   | 4356     | 4609     | 4586     | 4807     | 4846     |          |          |          |          |
| 3983   | 4473     | 4708     | 4687     | 4906     | 4942     |          |          |          |          |
| 4104   | 4575     | 4794     | 4774     | 4992     | 5026     |          |          |          |          |
| 4210   | 4664     | 4870     | 4851     | 5068     | 5099     |          |          |          |          |
| 4304   | 4743     | 4936     | 4919     | 5134     | 5164     |          |          |          |          |
| 4387   | 4812     | 4995     | 4979     | 5194     | 5222     |          |          |          |          |
| 4461   | 4875     | 5048     | 5032     | 5247     | 5273     |          |          |          |          |
| 4528   | 4931     | 5096     | 5081     | 5294     | 5319     |          |          |          |          |
| 4589   | 4982     | 5139     | 5125     | 5337     | 5361     |          |          |          |          |
| 4644   | 5028     | 5178     | 5164     | 5377     | 5399     |          |          |          |          |
| 4694   | 5070     | 5214     | 5201     | 5412     | 5434     |          |          |          |          |
| 4740   | 5109     | 5246     | 5234     | 5445     | 5466     |          |          |          |          |
| 4782   | 5145     | 5276     | 5264     | 5475     | 5495     |          |          |          |          |
| 4822   | 5178     | 5304     | 5293     | 5503     | 5523     |          |          |          |          |
| 4858   | 5208     | 5330     | 5319     | 5529     | 5548     |          |          |          |          |
| 4891   | 5236     | 5354     | 5343     | 5553     | 5571     |          |          |          |          |