

NORTHEAST

|          |            |            |
|----------|------------|------------|
| Allegato | Data       | Disegno n° |
| 1        | MARZO 1985 | 2429/2     |



A 4069

**ELF ITALIAIANA**  
WESTERN  
RICERCHE GEOFISICHE

B.164-LF MARINE  
POGGIO-MORELLO LAND

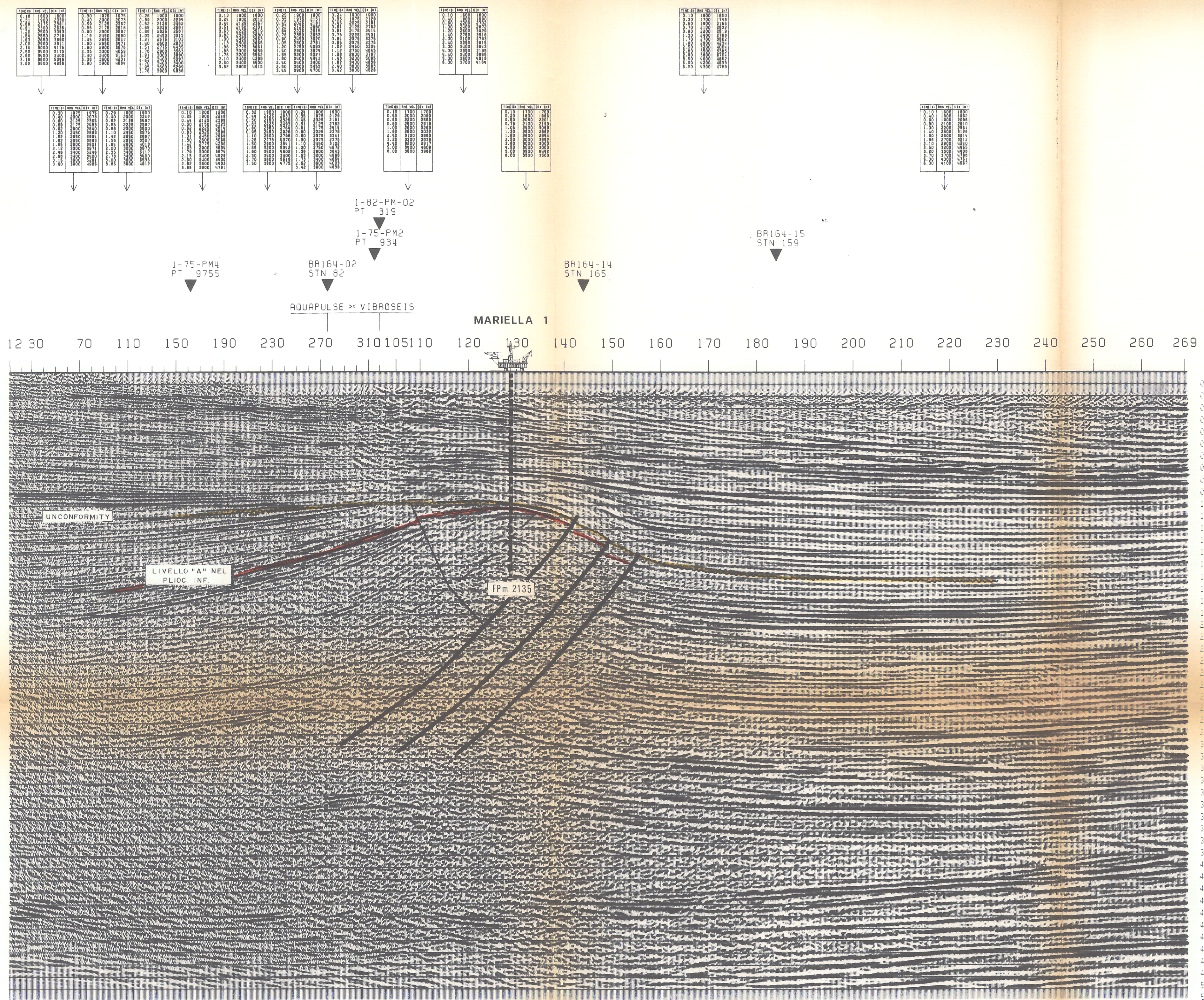
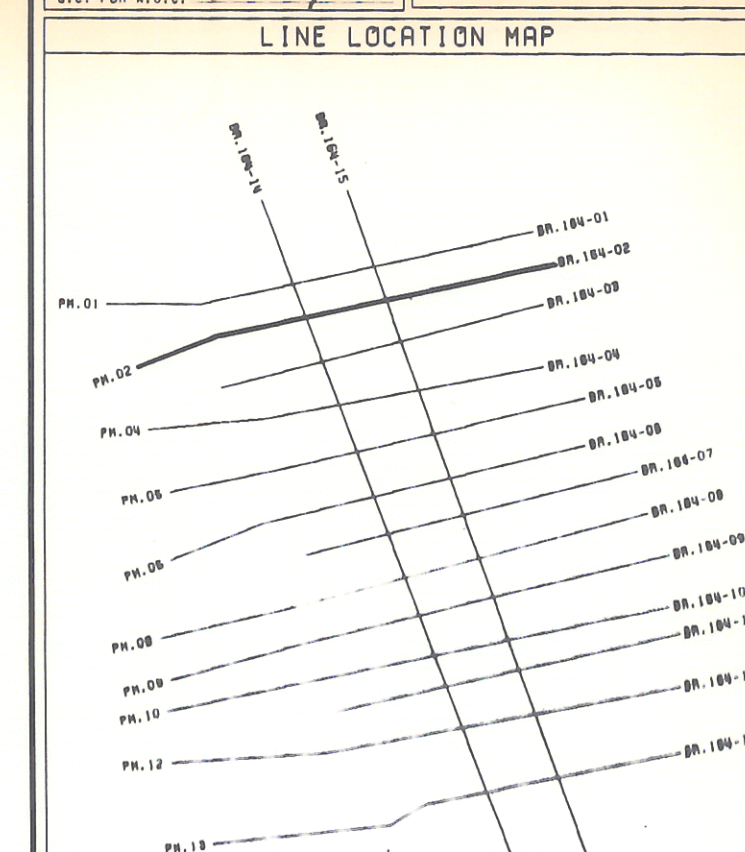
CONTRACT NO. P35  
DATE OF RECORDING: MAR 83/AVR 83  
DATE OF PROCESSING: OCT 1982

| <b>RECORDING DATA</b>   | <b>PROCESSING SEQUENCE</b>  |                |                |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---|---|----------------|----------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <p><b>INSTRUMENTS</b></p> <p>BR.164-MARINE LINES</p> <p>MAGNETIC RECORDER: 008 777 REG-A 800<br/>RECORDING FILTERS: LC-TIMEING-100Hz<br/>RECORD LENGTH/SAMPLE RATE: 6 SECONDS</p> <p>POGGIO-LAND LINES</p> <p>MAGNETIC RECORDER: SERCEL-508<br/>RECORDING FILTERS: OF 12.0Hz HF-100Hz<br/>RECORD LENGTH/SAMPLE RATE: 6 SECONDS</p> <p><b>SOURCE</b></p> <p>BR.164-MARINE LINES</p> <p>ENERGY SOURCE: AQUAPULSE<br/>NUMBER OF GUNS: 2<br/>NO. POINTS/GUN: 2<br/>GUN DEPTH: 1-3 m<br/>GROUP INTERVAL/GROUPS: 200m/8<br/>COVERAGE: 2400 PCT</p> <p>POGGIO-LAND LINES</p> <p>ENERGY SOURCE: VIBRATORS<br/>SHEEP LENGTH/FREQUENCY: 24-SEC/12-20Hz<br/>NUMBER OF TRACES: 80<br/>GROUP INTERVAL: 50m</p> | <p>PROCESSING SAMPLE RATE: 4 MS</p> <p><b>PRE-STACK PROCESSING</b></p> <p>AQUAPULSE &amp; VIBROSEIS ORIGINALLY PROCESSED BY WESTERN AND C.G.C. RESPECTIVELY. REFER TO ORIGINAL FILTERED STACKS FOR PROCESSING PARAMETERS USED.</p> <p><b>TRACE INTERPOLATION</b></p> <p>EQUALIZING MARINE COP INTERVAL: 100m TO LAND COP INTERVAL: 100m</p> <p><b>MERGE</b></p> <p>BLENDED OF COINCIDENT COPS (AQUAPULSE DATA - SOURCE SHEET)</p> <p><b>MIGRATION</b></p> <p>FINITE DIFFERENCE APPROXIMATION<br/>HIGH ORDER EXPLICIT ALGORITHM</p> <p><b>LINE VARIATION FILTERS</b></p> <table border="1"> <tr> <th>TIME (SECS)</th> <th>LC (Hz/DB-OCT)</th> <th>HC (Hz/DB-OCT)</th> </tr> <tr> <td>0.000</td> <td>16/24</td> <td>60/48</td> </tr> <tr> <td>0.500</td> <td>18/24</td> <td>60/48</td> </tr> <tr> <td>1.000</td> <td>18/24</td> <td>60/48</td> </tr> <tr> <td>2.000</td> <td>18/24</td> <td>60/48</td> </tr> <tr> <td>8.000</td> <td>18/24</td> <td>60/48</td> </tr> </table> <p>FILTERS ARE INTERPOLATED IN TIME AND SPACE TIMES ARE SPECIFIED BY THE START OF THE LINE</p> <p><b>SCALING</b></p> <p>RULE: GAIN ON OUTPUT<br/>INCREASING 2000m WINDOWS (LOOKS MAXIMUM)</p> | TIME (SECS)    | LC (Hz/DB-OCT) | HC (Hz/DB-OCT) | 0.000 | 16/24 | 60/48 | 0.500 | 18/24 | 60/48 | 1.000 | 18/24 | 60/48 | 2.000 | 18/24 | 60/48 | 8.000 | 18/24 | 60/48 |
| TIME (SECS)   | LC (Hz/DB-OCT)  | HC (Hz/DB-OCT) |                |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 0.000   | 16/24   | 60/48          |                |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 0.500   | 18/24   | 60/48          |                |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1.000   | 18/24   | 60/48          |                |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 2.000   | 18/24   | 60/48          |                |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 8.000   | 18/24   | 60/48          |                |                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

**LEGEND**

INTERSECTIONS

D.C. FOR N.G.C. *Liberty*



1-82PM-2/1-81BR164-2  
S.P. 12 TO 269