
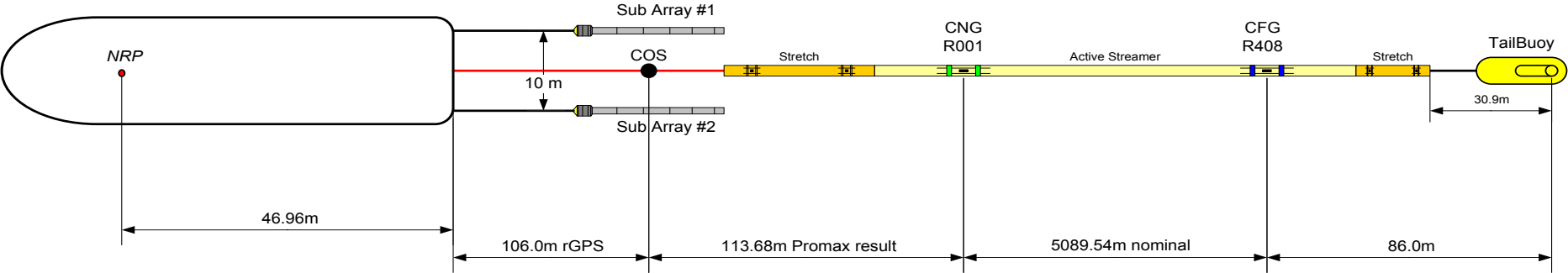


|  <p>SeaBird Exploration M/V Aquila Explorer</p> | | <h1 style="text-align: center;">OBSERVERS LOG</h1> | | | | SEQ# 024 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|--|------|--|--|------------------------|-------|------|------|----------|-----------|---------------|-----|------|-------|-------------|------|------|-------|------|------|-------|------|------|------|------|------|------|------|-----|------|------|------|---|--|--|-----|-----|---------|------|------|---------------|-----|-----|------------|------|------|----------|------|------|----------|-------|-------|----------|---|-----|-----------|----|----|------|----|----|
| | | | | Line status | | COMPLETE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Client: DPI | | Prospect: Southern Flank 2D | | Line No: | | DPISF-041-P1024 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Party Chief: Alexander (Ben) Dyton | | Observers: 12:00-00:00 YT GG; 00:00-12:00 IG OG | | | | Date: 1-Mar-10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recording Parameters | | Recording Details | | Line statistics | | Heading 44.6° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| System: Sercel Seal Filter Delay: 0mS Sample rate: 2mS Digital Lo cut filter: Combined 4.3 Hz@12db/oct. Digital High cut filter: 200Hz@370dB/Oct .8N MIN No. Channels: 408 seismic (+ 36 Aux) Record Length: 5.632 Second System Start: Aux 1 Water break: Aux 2 Time break: Aux 3 Fire Out: Aux 4 String 1: Aux 6-12 String 2: Aux 20-26 | | Media: IBM 3592 Capacity: 60 GB type Economy Format: SEGD format (rev1) Streamer Manufacturer: Sercel Hydrophone type: Sercel Flexible (SFH) 'phones / group: 8 'phone spacing: Even Group length: 12.95 m Group interval: 12.50 m Sensitivity: 19.73 V / Bar Active length: 5100m Depth: 8 m | | <table border="1"> <thead> <tr> <th></th> <th>Time</th> <th>File</th> <th>SP</th> </tr> </thead> <tbody> <tr><td>FSP</td><td>20:12</td><td>981</td><td>981</td></tr> <tr><td>FGSP</td><td>20:14</td><td>1001</td><td>1001</td></tr> <tr><td>FCSP</td><td>20:14</td><td>1001</td><td>1001</td></tr> <tr><td>LFFSP</td><td>4:41</td><td>5613</td><td>5613</td></tr> <tr><td>LGSP</td><td>4:56</td><td>5749</td><td>5749</td></tr> <tr><td>LSP</td><td>4:56</td><td>5751</td><td>5751</td></tr> </tbody> </table> | | | Time | File | SP | FSP | 20:12 | 981 | 981 | FGSP | 20:14 | 1001 | 1001 | FCSP | 20:14 | 1001 | 1001 | LFFSP | 4:41 | 5613 | 5613 | LGSP | 4:56 | 5749 | 5749 | LSP | 4:56 | 5751 | 5751 | <table border="1"> <thead> <tr> <th></th> <th>SOL</th> <th>EOL</th> </tr> </thead> <tbody> <tr><td>Feather</td><td>0.3°</td><td>2.0°</td></tr> <tr><td>RMS Noise, µB</td><td>3.5</td><td>2.9</td></tr> <tr><td>Source Vol</td><td>2360</td><td>2360</td></tr> <tr><td>Pressure</td><td>2040</td><td>2036</td></tr> <tr><td>Wind, kt</td><td>SW 15</td><td>SW 12</td></tr> <tr><td>Swell, m</td><td>1</td><td>1.5</td></tr> <tr><td>Swell Dir</td><td>SW</td><td>SW</td></tr> <tr><td>Tape</td><td>26</td><td>26</td></tr> </tbody> </table> | | | SOL | EOL | Feather | 0.3° | 2.0° | RMS Noise, µB | 3.5 | 2.9 | Source Vol | 2360 | 2360 | Pressure | 2040 | 2036 | Wind, kt | SW 15 | SW 12 | Swell, m | 1 | 1.5 | Swell Dir | SW | SW | Tape | 26 | 26 |
| | Time | File | SP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FSP | 20:12 | 981 | 981 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FGSP | 20:14 | 1001 | 1001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FCSP | 20:14 | 1001 | 1001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LFFSP | 4:41 | 5613 | 5613 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LGSP | 4:56 | 5749 | 5749 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LSP | 4:56 | 5751 | 5751 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SOL | EOL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feather | 0.3° | 2.0° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RMS Noise, µB | 3.5 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source Vol | 2360 | 2360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pressure | 2040 | 2036 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wind, kt | SW 15 | SW 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swell, m | 1 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swell Dir | SW | SW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tape | 26 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source | | Depth 6 m | | Shot interval 18.75 | | Traces | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type: Bolt 1900LLX No. of guns: 22 (incl. 2 spares) Total volume: 2360 Gun arrays: 1 Sub arrays: 2 Gun / sub array: 11 (incl. 1 spare) Pressure: 2000 psi | | Navigation Manufacturer: C&C Technologies, USA System: C-Nav RTCM C-Nav GPS: C-Nav RGPS Buoylink Fathometer: Kongsberg EA600 Gyro: TSS Meridian Surveyor | | <table border="1"> <thead> <tr> <th></th> <th>Noisy</th> <th>Weak</th> <th>Dead</th> <th>Comments</th> </tr> </thead> <tbody> <tr><td>Aux. Ch's</td><td>8, 10, 11, 12</td><td></td><td></td><td></td></tr> <tr><td>Channel No.</td><td>393</td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> | | | Noisy | Weak | Dead | Comments | Aux. Ch's | 8, 10, 11, 12 | | | | Channel No. | 393 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Noisy | Weak | Dead | Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aux. Ch's | 8, 10, 11, 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Channel No. | 393 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Delta errors 1.00 mS @ SP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misfires @ SP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Autofires @ SP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other | | Only true errors will be logged. Ignore any other errors from Gunlink | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|--------------|------|------|-----------|-------|---|--|--|--|-----------|-----------------|-----------|--|
| Client: | DPI | | Prospect: | | Southern Flank 2D | | | | Line No: | DPISF-041-P1024 | | |
| Line Details | | | | | | | | | Date: | | 01 Mar 10 | |
| Time | SP | File | Reel | Error | Comments | | | | RMS Noise | W/Depth | Feather | |
| UTC | | | | | | | | | µB | m | ° | |
| 19:25 | | | | | Gun Arrays Soft Start. | | | | | | | |
| 20:00 | | | | | Soft Start Complete. | | | | | | | |
| | | | | | | | | | | | | |
| | | 979 | 26 | | BOT, Noise Test | | | | 3.5 | | | |
| | | 980 | | | Noise Test | | | | 3.5 | | | |
| 20:12 | 981 | 981 | | | FSP | | | | | | | |
| 20:14 | 1001 | 1001 | | | FGSP, FCSP, SOL | | | | | 53.11 | 0.3° | |
| | 1481 | 1481 | | | False bad timing error, gun 1-4 fired 2mS late, checked by QC promax, Good SP | | | | | | | |
| | 1637 | 1637 | | | False bad timing error, gun 1-4 fired 2.3mS late, checked by QC promax, Good SP | | | | | | | |
| | 2593 | 2593 | | | False bad timing error, gun 1-4 fired 2.9mS late, checked by QC promax, Good SP | | | | | | | |
| | 2751 | 2751 | | | False bad timing error, gun 1-4 fired 2.5mS late, checked by QC promax, Good SP | | | | | | | |
| | 3033 | 3033 | | | False bad timing error, gun 1-4 fired 2.5mS late, checked by QC promax, Good SP | | | | | | | |
| 23:59 | 3044 | 3044 | | | Last SP of the day | | | | | | | |
| | 3916 | 3916 | | | False bad timing error, gun 1-4 fired 2.7mS late, checked by QC promax, Good SP | | | | | | | |
| | 4284 | 4284 | | | False bad timing error, gun 1-4 fired 2.3mS late, checked by QC promax, Good SP | | | | | | | |
| | 4353 | 4353 | | | False bad timing error, gun 1-4 fired 2.6mS late, checked by QC promax, Good SP | | | | | | | |
| | 4434 | 4434 | | | False bad timing error, gun 1-4 fired 2.3mS late, checked by QC promax, Good SP | | | | | | | |
| | 4513 | 4513 | | | False bad timing error, gun 1-4 fired 2.1mS late, checked by QC promax, Good SP | | | | | | | |
| | 4657 | 4657 | | | False bad timing error, gun 1-4 fired 3.3mS late, checked by QC promax, Good SP | | | | | | | |
| | 5110 | 5110 | | | Slight ship noise observed from ahead (approx 6uB), moveout approx 500mS/km | | | | | | | |
| | 5265 | 5265 | | | Ship noise now approx 10uB from ahead | | | | | | | |
| | 5370 | 5370 | | | False bad timing error, gun 1-4 fired 4.4mS late, checked by QC promax, Good SP | | | | | | | |
| | 5400 | 5400 | | | Ship noise now <5uB from ahead | | | | | | | |
| | 5580 | 5580 | | | Ship noise is gone | | | | | | | |
| 4:41 | 5613 | 5613 | | | LFFSP | | | | | 285.6 | 1.9° | |
| | 5655 | 5655 | | | False bad timing error, gun 1-4 fired 3.4mS late, checked by QC promax, Good SP | | | | | | | |
| 4:56 | 5749 | 5749 | | | LGSP | | | | | 347.3 | 2.0° | |
| 4:56 | 5751 | 5751 | | | LSP. EOL | | | | | | | |
| | | 5752 | | | Noise Test | | | | 2.9 | | | |
| | | 5753 | 26 | | Noise Test, EOT | | | | 3.0 | | | |
| | | | | ☑ | Cross checked with Navigation | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | LINE COMPLETE | | | | | | | |