# OBSERVER LOG — Sequence: 11

**MULTIWAVE**

| | | |
|---|---|---|
| Vessel: | M/V Pacific Titan | |
| Client: | SANTOS LIMITED | **Direction:** 210 |
| Project #: | Job: 6211 | **Line Name:** OEP04-53-03-011 |
| Area: | Otway Basin | **Date Shot:** 11 November 2004 |

Party Chief: Ketil Glimsjø    Chief Obs: Haydn Brook    Observers: Cliff Gobbit, Roar Nygaard, Allan Beattie

| SOL Time (UTC) | SOLTape# | First File | SOL SP | SOL File | FGSP | FGSP File | FGSP Time (UTC) |
|---|---|---|---|---|---|---|---|
| 21:50 | 16 | 1465 | 1467 | 1467 | 1487 | 1487 | 21:53 |

| EOL Time (UTC) | EOLTape# | Last File | EOL SP | EOL File | LGSP | LGSP File | LGSP Time (UTC) |
|---|---|---|---|---|---|---|---|
| 22:20 | 16 | 1658 | 1657 | 1657 | 1657 | 1657 | 22:20 |

| | Wind Speed | Swell | Streamer Feather | Filtered Noise | Bottom Speed | Water Speed | Water Depth | Streamer Depth | Source Volume | |
|---|---|---|---|---|---|---|---|---|---|---|
| SOL | 28 kts. NNW | 2.5 m | ° | 10 µB | kts. | kts. | m | 8 m | 3040 | cu. in |
| EOL | kts. | m | ° | 17 µB | kts. | kts. | m | 8 m | 3040 | cu. in |

## Recording Parameters

| | |
|---|---|
| Recording System | Seal |
| Record Length | 8000 ms |
| Sample Rate | 2 ms |
| Start Of Data | System Start |
| Low Cut Filter | 3 Hz /6 dB/ Octave |
| Hi Cut Filter | 200 Hz @ 370 dB / Octave |
| Tape Format | Demux. SEGD rev 1, 8058 |
| Tape Brand | Imation 3590 10Gb |
| Polarity | First Break is Negative |
| Shot Point Interval | 25m |

## Source Parameters

| | |
|---|---|
| Array Volume | 3040 cubic inches |
| Operating Pressure | 2000 psi +/- 10% |
| Array Configuration | 3 Strings |
| Array Numbering | Stbd to Port / 1 to 3 |
| Array Separation | 10 m |
| Source Depth | 5 m +/- 1.0m |
| Center Source to Nav Mast | 166 M |
| Comment | |

## Streamer Parameters

| | |
|---|---|
| Number of Streamers | 1 |
| Streamer Length | 6000m |
| Number Channels | 480 |
| Group Interval | 12.5 m |
| Operating Depth | 7m +/- 1 |
| Offset CSCNG | 104 m (Centre of source to centre of near group) |

## Auxiliary Channels

| | | | | |
|---|---|---|---|---|
| 1: | System Start | 3: | 450ms TB | 5: |
| 2: | TB | 4: | WB | |

### Near Field Hydrophones

| Array 1 | Array 2 | Array 3 |
|---|---|---|
| Starboard | Center | Port |
| 13: Fwd | 16: Fwd | 19: Fwd |
| 14: Mid | 17: Mid | 20: Mid |
| 15: Aft | 18: Aft | 21: Aft |

## Sequence breakdown

| Start | End | Status | Comment |
|---|---|---|---|
| 1487 | 1606 | Overlap | |
| 1607 | | Prime | |

## Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

## Line Comments

Soft start commenced @21:09
Random swell noise on streamer up to 30uB
Line terminated due to whales in 3km vicinity

## Bad Channels

*Line Status: NTBP*

| GMT | Tape | Drive | File | SP | Event | Remarks |
|-----|------|-------|------|------|-------|---------|
|     | 16   | 3/4   | 1465 |      | BOT   | Noise records |
| 21:50 |    |       | 1467 | 1467 | SOL   | Run in shots |
| 21:53 |    |       | 1487 | 1487 | FGSP  |         |
| 22:20 |    |       | 1657 | 1657 | EOL   |         |
|     | 16   | 3/4   | 1658 |      | EOT   | Noise record |

**Abbreviations Used**

| | | | | |
|---|---|---|---|---|
| SOL = Start of Line | BOT = Beginning of Tape | FGSP = First Good Shotpoint | FFFSP = First Full Fold Shotpoint | NDR = No Data Recorded |
| EOL = End of Line | EOT = End of Tape | LGSP = Last Good Shotpoint | LFFSP = Last Full Fold Shotoint | FCSP = First Chargeable Shotpoint |
| FA = Feather Angle | SI = Seismic Interference | FOLSP = First Overlap SP | LOLSP = Last Overlap Shotpoint | LCSP = Last Chargeable Shotpoint |
| NTBP = Not To Be Processed | ITB = Internal Time Break | FTB = Field Time Break | | |