

Vessel: M/V Pacific Titan  
 Client: TAP  
 Project #: 6374  
 Area: Bass Strait, Australia T47P

Preplotted LineName: **VVMOL08-003**  
 Contractors Line Name: **VMOL08-003-006**

Direction: **150**  
 Date Shot: **Thursday, March 13,**

Party Chief: Sigurd Østerud Chief Obs: Allan Beattie Observers: Jun Lumabas, Dennis Maranon, Dervin Victorio

| FS Time (UTC) | SOLTape# | First File | First Shot | First Shot File | FCSP | FCSP File | FCSP Time (UTC) |
|---------------|----------|------------|------------|-----------------|------|-----------|-----------------|
| 4:15          | 6        | 979        | 981        | 981             | 1001 | 1001      | 4:19            |

**Swell Noise Levels**  
 <1% above 25µb

| EOL Time (UTC) | EOLTape# | Last File | EOL SP | EOL File | LCSP | LCSP / LFFSP File | LCSP Time (UTC) |
|----------------|----------|-----------|--------|----------|------|-------------------|-----------------|
| 8:21           | 7        | 2559      | 2558   | 2558     | 2438 | 2438              | 8:05            |

<1% above 25µb

|            | Wind Speed | Swell  | Streamer Feather | Filtered Noise | Bottom Speed | Water Speed | Water Depth | Streamer Depth | Source Volume Stbd. Port |
|------------|------------|--------|------------------|----------------|--------------|-------------|-------------|----------------|--------------------------|
| <b>SOL</b> | 15 kts E   | 1 m NE | 6.1 °Starboard   | 5.4 µB         | 5.1 kts.     | 5.2 kts.    | 71.2 m      | 8 m            | N/A / 3000 cu. in        |
| <b>EOL</b> | 15 kts E   | 1 m NE | -1.2° Port       | 3.9 µB         | 5.1 kts.     | 5.2 kts.    | 76.8 m      | 8 m            | N/A / 3000 cu. in        |

### Recording Parameters

|                     |                              |
|---------------------|------------------------------|
| Recording System    | Sercel Seal 408XL            |
| Record Length       | 6000 ms                      |
| Sample Rate         | 2 ms                         |
| Start Of Data       | 50 ms before FTB             |
| Low Cut Filter      | 4.7 Hz / 12dB Combined       |
| Hi Cut Filter       | 200 Hz @ 370 dB / Octave     |
| Tape Format         | Demux. SEG D rev 1, 8058     |
| Tape Brand          | Imation BlackWatch 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          | 10m                   |
| Source Depth              | 6 m +/- 1m            |
| Center Source to Nav Mast | 180m                  |
| Comment                   |                       |

### Auxiliary Channels

|                |             |       |
|----------------|-------------|-------|
| Aux1 System St | Aux4: WB S1 | Aux7: |
| Aux2 FTB       | Aux5:       | Aux8: |
| Aux3 450 ms de | Aux6:       | Aux9: |

### Auxiliary Hydrophone Channels

| Array 1           | Array 2           | Array 3           |
|-------------------|-------------------|-------------------|
| Aux13: Position 1 | Aux19: Position 1 | Aux25: Position 1 |
| Aux14: Position 2 | Aux20: Position 2 | Aux26: Position 2 |
| Aux15: Position 3 | Aux21: Position 3 | Aux27: Position 3 |
| Aux16: Position 4 | Aux22: Position 4 | Aux28: Position 4 |
| Aux17: Position 5 | Aux23: Position 5 | Aux29: Position 5 |
| Aux18: Position 6 | Aux24: Position 6 | Aux30: Position 6 |

### Streamer Parameters

|                       |   |
|-----------------------|---|
| Number of Streamers   | 1   |
| Streamer Length       | 6000m   |
| Number Channels       | 480   |
| Group Interval        | 12.5 m  |
| Operating Depth       | 8 m +/- 1m                                      |
| Crossline offset      | NA  |
| Offset CSCNG (inline) | 145m (Centre of source to centre of near group) |

**Line Status: Complete**

### Line Comments

String 1 NFH position 6 (Aux. 18) dead.  
 String 2 NFH position 2 (Aux. 20) dead.  
 String 2 NFH position 3 (Aux. 21) dead.  
 Gun 1-9 disabled from SOL d/t no signal on sensor and hydrophone.

### Bad Channels

Ch. 91 & 337 failed capacitance.  
 Ch. 242 failed leakage.  
 Ch. 59 reversed polarity.

### Sequence breakdown

| Start | End  | Status | Comment     |
|-------|------|--------|-------------|
| 1001  | 2578 | Prime  | VVMOL08-003 |

### Channels as recorded

|                     |            |
|---------------------|------------|
| AuxChannels: A1-A30 |            |
| Streamer1: 1-480    | Streamer4: |
| Streamer2:          | Streamer5: |
| Streamer3:          | Streamer6: |

| GMT   | Tape | Drive | File     | SP        | Event       | Remarks                            |
|-------|------|-------|----------|-----------|-------------|------------------------------------|
| 03:49 |      |       |          |           | SoftStart   |                                    |
|       | 6    | 1/2   | 979-980  |           | BOT         | Noise files                        |
| 04:15 |      |       | 981-1000 | 981 -1000 | FSP         | Nav run in SPs                     |
| 04:19 |      |       | 1001     | 1001      | SOL         | FCSP                               |
|       |      |       | 1479     | 1479      | GUN-BadShot | Guns did not fire. Header missing. |
|       |      |       | 1888     | 1888      | GUN-BadShot | Guns did not fire. Header missing. |
|       |      |       | 2160     | 2160      | GUN-BadShot | Autofire detected, header missing. |
| 08:05 |      |       | 2438     | 2438      | LCSP        | LFFSP                              |
|       | 6    | 1/2   | 2526     | 2526      | EOT         |                                    |
|       |      |       |          |           |             |                                    |
|       | 7    | 1/2   | 2527     | 2527      | BOT         |                                    |
| 08:21 |      |       | 2558     | 2558      | EOL         | LGSP                               |
|       | 7    | 1/2   | 2559     |           | EOT         | Noise file                         |

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 Shotpoint  | FCSP = First Chargeable Shotpoint |
| FA = Feather Angle         | SI = Seismic Interference | FOLSP = First Overlap SP    | LOLSP = Last Overlap Shotpoint    | LCSP = Last Chargeable            |
| NTBP = Not To Be Processed | ITB = Internal Time Break | FTB = Field Time Break      |                                   |                                   |