

Vessel: M/V Pacific Titan  
 Client: Nexus Energy  
 Project #: 6318  
 Area: VIC P/49, SE Australia

Preplotted LineName: **VGNXS07-79**  
 Contractors Line Name: **VGNXS07-79-003**

Direction: **200 °**  
 Date Shot: **14 June 2007**

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

| SOL Time (UTC) | SOLTape#    | First File | SOL SP           | SOL File       | FCSP         | FCSP File         | FCSP Time (UTC) | Swell Noise Levels |                          |
|----------------|-------------|------------|------------------|----------------|--------------|-------------------|-----------------|--------------------|--------------------------|
| 16:02          | 3           | 979        | 981              | 981            | 1001         | 1001              | 16:06           | 1% @ 10µb          |                          |
| EOL Time (UTC) | EOLTape#    | Last File  | EOL SP           | EOL File       | LCSP         | LCSP / LFFSP File | LCSP Time (UTC) | 1% @ 10µb          |                          |
| 19:39          | 4           | 2192       | 2191             | 2191           | 2191         | 2191              | 19:39           |                    |                          |
|                | Wind Speed  | Swell      | Streamer Feather | Filtered Noise | Bottom Speed | Water Speed       | Water Depth     | Streamer Depth     | Source Volume Stbd. Port |
| <b>SOL</b>     | 15 kts. ESE | 2.5 m      | 3° Starboard     | 9.4 µB         | 4.3 kts.     | 4.7 kts.          | 2390 m          | 7 m                | 1970 / 1470 cu. in       |
| <b>EOL</b>     | 15 kts. SW  | 2 m        | -4.4° Port       | 5.3 µB         | 4.6 kts.     | 5 kts.            | 2933 m          | 7 m                | 1970 / 1470 cu. in       |

### Recording Parameters

Recording System: Sercel Seal 408XL  
 Record Length: 8500 ms  
 Sample Rate: 2 ms  
 Start Of Data: 50 ms before FTB  
 Low Cut Filter: 3 Hz / 6dB  
 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: 25.00m

### Source Parameters

Array Volume: 3440 cubic inches  
 Operating Pressure: 2000 psi +/- 10%  
 Array Configuration: 2 Strings  
 Array Numbering: Stbd to Port / 1 to 2  
 Array Separation: NA  
 Source Depth: 6 m +/- 1m  
 Center Source to Nav Mast: 173m  
 Comment:

### Auxiliary Channels

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

### Auxiliary Hydrophone Channels

| Stbd Outer | Array 1 | Port Inner | Array 3 |
|------------|---------|------------|---------|
| Aux13:     | Fwd     | Aux19:     | Fwd     |
| Aux14:     | Mid     | Aux20:     | Mid     |
| Aux15:     | Aft     | Aux21:     | Aft     |
| Stbd Inner | Array 2 | Port Outer | Array 4 |
| Aux16:     | NA      | Aux22:     | NA      |
| Aux17:     | NA      | Aux23:     | NA      |
| Aux18:     | NA      | Aux24:     | NA      |

### Streamer Parameters

Number of Streamers: 1  
 Streamer Length: 6000m  
 Number Channels: 480  
 Group Interval: 12.5 m  
 Operating Depth: 7 m +/- 1m  
 Crossline offset: NA  
 Offset CSCNG (inline): 78m (Centre of source to centre of near group)

### Sequence breakdown

| Start | End  | Status | Comment   |
|-------|------|--------|-----------|
| 1001  | 2191 | Prime  | VGNX07-79 |

### Channels as recorded

AuxChannels: A1-A24  
 Streamer1: 1-480 Streamer4:  
 Streamer2: Streamer5:  
 Streamer3: Streamer6:

### Line Comments

### Bad Channels

Trace 83 reversed polarity.  
 Ch. 266 noisy.

**Line Status: Complete**

| <i>GMT</i> | <i>Tape</i> | <i>Drive</i> | <i>File</i> | <i>SP</i> | <i>Event</i> | <i>Remarks</i>  |
|------------|-------------|--------------|-------------|-----------|--------------|-----------------|
| 15:22      |             |              |             |           | SoftStart    |                 |
|            | 3           | 3/1          | 979-980     |           | BOT          | Noise files     |
| 16:02      |             |              | 981-1000    | 981-1000  | FSP          | Nav run-in SP's |
|            |             |              | 1001        | 1001      | SOL          | FCSP            |
|            | 3           | 3/1          | 2091        | 2091      | EOT          |                 |
|            | 4           | 3/1          | 2092        | 2092      | BOT          |                 |
| 19:39      |             |              | 2191        | 2191      | EOL          | LCSP            |
|            | 4           | 3/1          | 2192        |           | 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      |                                   |                                   |