

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

Preplotted LineName: **VGNXS07-77**  
 Contractors Line Name: **VGNXS07-77-007**

Direction: **20°**  
 Date Shot: **15 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	
10:42	9	979	981	981	1001	1001	10:46	8µB : < 1.7%	
EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)	10µB : < 1%	
13:52	10	2129	2128	2128	2128	2128	13:52		
	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
<b>SOL</b>	8 kts. ESE	2 m	6.5° Starboard	6 µB	4.9 kts.	4.6 kts.	2805 m	7 m	1970 / 1470 cu. in
<b>EOL</b>	12 kts. E	2.5 m	6.2° Starboard	5.4 µB	4.8 kts.	4.9 kts.	2550 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: 7m  
 Source Depth: 6 m +/- 1m  
 Center Source to Nav Mast: 173m  
 Comment:

### Auxiliary Channels

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

### 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	2128	Prime	VGNXS07-77

### Channels as recorded

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

### Line Comments

### Bad Channels

Trace 83 reversed polarity.  
 Ch. 276 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>
10:12					SoftStart	
	9	3/1	979 - 980		BOT	Noise Files
10:42			981 - 1000	981 - 1000	FSP	Nav run-in SP's
10:46			1001	1001	SOL	FCSP
	9	3/1	2091	2091	EOT	
	10	3/1	2092	2092	BOT	
13:52			2128	2128	EOL	LCSP
	10	3/1	2129		EOT	Noise Files

**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		