

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

Preplotted LineName: **VGNXS07-73**  
 Contractors Line Name: **VGNXS07-73-042**

Direction: **20 °**  
 Date Shot: **05 July 2007**

Party Chief: Haydn Brook Chief Obs: Tyrone Hackett Observers: John Gracey, Slawomir Korybalski, Ingvild Bostad

SOL Time (UTC)	SOLTape#	First File	SOL SP	SOL File	FCSP	FCSP File	FCSP Time (UTC)
00:24	69	979	1001	1001	1001	1001	00:24

Swell Noise Levels  
 0.2% @ 25µb

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
03:05	69	1898	1897	1897	1897	1897	03:05

0.4% @ 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 SW	2.0 m	4.1° Port	5.1 µB	4.55 kts.	4.74 kts.	2476 m	7 m	1970 / 1470 cu. in
<b>EOL</b>	21 kts SW	2.5 m	5.2° Starboard	6.1 µB	4.9 kts.	4.95 kts.	2443 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:	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 1897 Prime VGNXS07

### Channels as recorded

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

**Line Comments**

SP range1049 - 1266 noise d/t Rip current travelling Head to Tail of streamer (Peak at 20 $\mu$ B)  
SP 1550 - EOL Swell Burst evident affecting < 3% of traces => 25 $\mu$ B

**Bad Channels**

Trace 83 reversed polarity.  
Ch. 226 fails cut-off.

***Line Status: Complete***

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
23:46					SoftStart	
	69	0/1	979-980		BOT	Noise records
00:20			981-1000	981-1000	FSP	Nav run-in's
00:24			1001	1001	SOL	FCSP
			1008	1008	GUN	Gun 1-2 Delta Error = 1.4 ms
			1009	1009	GUN	Gun 1-2 Delta Error = 1.3 ms
			1010	1010	GUN	Gun 1-2 Delta Error = 1.1 ms
			1108	1108	GUN	Gun 1-2 Delta Error = -1.1 ms
			1109	1109	GUN	Gun 1-2 Delta Error = -1.2 ms
			1110	1110	GUN	Gun 1-2 Delta Error = -1.2 ms
03:05			1897	1897	EOL	LCSP
	69	0/1	1898		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		