

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

Preplotted LineName: **VGNXS07-54**
 Contractors Line Name: **VGNXS07-54-018**

Direction: **278 °**
 Date Shot: **17 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	
00:11	30	979	981	981	1001	999	00:14	<15% @ 15-25µb	
EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)		
05:16	31	2816	2817	2815	2817	2815	05:16	<6.2% @ 8-10µb	
	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
SOL	25 kts. S	2.5 m	14° Port	18.5 µB	5 kts.	3.9 kts.	3430 m	7 m	1970 / 1470 cu. in
EOL	20 kts. S	3 m	1.7° Starboard	6.2 µB	4.7 kts.	4.8 kts.	2863 m	8 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	2817	Prime	VGNXS07-54

Channels as recorded

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

Line Comments

Missed 2 run-in shots d/t BSP
 Tail end of streamer a bit shallow @ SOL
 SP 1022 streamer set to 8m per client d/t sea state
 SP 1052 - streamer in specs @ 8m
 SP 1656: Swell noise 9.4µB affecting upto 5% of traces

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>
23:39					SoftStart	
	30	2/1	979-980		BOT	Noise files
00:11			981-998	981-1000	FSP	Nav run-in SP's
00:14			999	1001	SOL	FCSP
			1020	1022	Streamer	Set to 8m
	30		2091	2093	EOT	
	31	2/1	2092	2094	BOT	
05:16			2815	2817	EOL	LCSP
	31	2/1	2816		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		