

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

Preplotted LineName: **VGNXS07-54**
 Contractors Line Name: **VGNXS07-52-019**

Direction: **101°**
 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
06:45	32	979	981	981	1001	1001	06:48	5.4% @ <7-9µB

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)	
08:18	32	1522	1521	1521	1521	1521	08:18	14% @ <15µB

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
SOL	25 kts. SE	2 m	5.5° Starboard	8.2 µB	4.4 kts.	4 kts.	2551 m	9 m	1970 / 1470 cu. in
EOL	35 kts. SE	3 m	-2° Port	14.5 µB	5 kts.	4.5 kts.	2449 m	9 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
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1001	1521	Prime	VGNXS07-52
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Channels as recorded

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

Line Comments

Streamer depth set to 9m at SOL.
 SP 1175: Swell noise 11µB affecting upto 9% of traces.
 SP 1340: Swell Noise 15µB affecting upto 15% of traces
 Line aborted due to heavy seas.

Bad Channels

Trace 83 reversed polarity.
 Ch. 226 fails cut-off.
 Ch. 276 noisy.

Line Status: Incomplete

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
06:14					SoftStart	
	32	2/1	979-980		BOT	Noise files
06:45			981-1000	981-1000	FSP	Nav run-in SP's
06:48			1001	1001	SOL	FCSP
			1096	1096	GUN	Gun cluster 1-6 (300cu.in) no fire / 3140 volume fired
08:18			1521	1521	EOL	LCSP
			1522		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		