

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

Preplotted LineName: **VGNXS07-97**
 Contractors Line Name: **VGNXS07-97-050**

Direction: **200 °**
 Date Shot: **15 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)
15:46	77	979	1001	1001	1001	1001	15:46

Swell Noise Levels
 2.3% @ 25µB

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
19:18	77	2059	2058	2058	2058	2058	19:18

0.6% @ 25µB

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
SOL	25 kts WSW	1.5 m	5.8° Starboard	7.1 µB	4.8 kts.	5.13 kts.	m	7 m	1970 / 1470 cu. in
EOL	25 kts WSW	1.5 m	7.9° Starboard	6.8 µB	3.6 kts.	5.1 kts.	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	2058	Prime	VGNXS07

Channels as recorded

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

Line Comments

From SOL: Random swell noise affecting <5% of cable traces (mainly mid to Far) at >25µB
Minor gun depth errors reported (0.1m out of spec) for SP's 1098, 1142
Cable strike Moving down cable SP range 1996-EOL, affecting Traces #1-284, probably d/t debris.

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>
15:06					SoftStart	
	77	1/2	979-980		BOT	Noise records
15:42			981-1000	981-1000	FSP	Nav run-in's
15:46			1001	1001	SOL	FCSP
19:18			2058	2058	EOL	LCSP
	77	1/2	2059		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		