

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

Preplotted LineName: **VGNXS07-65**
 Contractors Line Name: **VGNXS07-65-057**

Direction: **20 °**
 Date Shot: **16 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)
23:05	84	979	1001	1001	1001	1001	23:05

Swell Noise Levels
N/A

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
01:10	84	1747	1746	1746	1746	1746	01:10

2.7% @ 25µB

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
SOL	29 kts NW	2 m	21° Starboard	8.8 µB	5.12 kts.	4 kts.	m	7 m	1970 / 1470 cu. in
EOL	33 kts NW	2 m	8.7° Starboard	7.0 µB	4.3 kts.	3.8 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		Prime	VGNXS07
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Channels as recorded

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

Line Comments

SOL Noise records high values d/t tail end in turn. Strong current astern >1kt.
At SOL bend noise affecting traces 330-480. Feather angle appr. 21 deg.
SP 1057 - Bend noise no longer present (Feather angle <10°)
SP 1610 - Cable control erratic, but in spec, d/t sea state and steerage (crab at -20deg)
SP range 1589 to EOL: Slight bend noise affecting traces #1 to 290 d/t steerage.

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>
22:24					SoftStart	
	84	1/2	979-980		BOT	Noise records
23:02			981-1000	981-1000	FSP	Nav run-in's
23:05			1001	1001	SOL	FCSP
01:10			1746	1746	EOL	LCSP
	84	1/2	1747		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		