

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

Preplotted LineName: **VGNXS07-70**  
 Contractors Line Name: **VGNXS07-70-045**

Direction: **20 °**  
 Date Shot: **14 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)
18:08	72	979	1001	1001	1001	1001	18:08

Swell Noise Levels  
n/a

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
20:10	72	1769	1768	1768	1768	1768	20:10

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>	20 kts SW	1.5 m	35.3° Starboard	8.5 µB	5.3 kts.	3.4 kts.	2655 m	8 m	1970 / 1470 cu. in
<b>EOL</b>	20 kts SW	1.5 m	10.2° Starboard	6.8 µB	4.9 kts.	3.9 kts.	n/a 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:	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

3881	2022	Prime	V0934
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### Channels as recorded

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

**Line Comments**

At SOL: Tail of streamer still in bend - noise affecting ch's 280-480.  
BSP @ 5.3kts, WSP @ 3.9 kts d/t strong current astern. (crabing to Port approx 17°)  
Cable at 8m from SOL.  
SP 1060 - negligible bend noise but feather at 23°, and decreasing.  
SP 1301- minimum Feather angle of 13.1 degrees  
SP 1520 - current astern decreased to 1kt.

**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>
17:31					SoftStart	
	72	1/2	979-980		BOT	Noise records
18:05			981-1000	981-1000	FSP	Nav run-in's
18:08			1001	1001	SOL	FCSP (Feather = 35.3°)
20:10			1768	1768	EOL	LCSP
	72	1/2	1769		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		