

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

Preplotted LineName: **VGNXS07-93**
 Contractors Line Name: **VGNXS07-93-023**

Direction: **201 °**
 Date Shot: **22 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	
2:04	38	989	991	991	1001	1001	2:05	5% @ 14µB	
EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)	6% @ 15 µB	
05:01	38	2094	2094	2093	2094	2093	05:01		
	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
SOL	16 kts. W	3 m	-6.5° Port	9.2 µB	5 kts.	4.8 kts.	2757 m	8 m	1970 / 1470 cu. in
EOL	16 kts. W	3 m	1.1° Starboard	6.2 µB	5.2 kts.	4.8 kts.	2706 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
1001	2094	Prime	VGNXS07-95

Channels as recorded

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

Line Comments

Streamer set to 8m @ SOL.
 SP 1404: Swell noise 14µB affecting upto 16% of traces.
 SP 1480: Streamer set to 9m d/t increasing swell noise.
 SP 1534: Swell noise 13µB affecting upto 9% of traces.
 SP 1756: Swell noise 14µB affecting upto 12% of traces

Bad Channels

Trace 83 reversed polarity.
 Ch. 226 fails cut-off.
 Ch. 227 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>
01:22					SoftStart	
	38	3/1	989-990		BOT	Noise files
02:04			991-1000	991-1000	FSP	Nav run-in SP's
02:05			1001	1001	SOL	FCSP
03:25			1480	1480	Streamer	Streamer set to 9m
04:02				1713		Missed SP
			1713	1714		Good SP
05:01			2093	2094	EOL	LCSP
	38	3/1	2094		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		