



OBSERVER LOG Sequence: 3

Vessel: M/V Pacific Titan
 Client: Santos
 Project #: Job: 6211
 Area: Cape Sorell, Tasmania

Line Name: **SS04-02B-003**

Direction: **147**
 Date Shot: **09 January 2005**

Party Chief: Alf Dale Chief Obs: Jacob Ib Observers: Peter Wardle, Tyrone Hackett, Virgillio Carreon

SOL Time (UTC)	SOLTape#	First File	SOL SP	SOL File	FGSP	FGSP File	FGSP Time (UTC)
12:27	005	2810	2812	2812	2961	2961	12:50

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
20:18	007	5866	5865	5865	5860	5860	20:17

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	8 kts E	1.5 m	4° Port	2.2 µB	5.1 kts.	5.2 kts.	1257 m	7 m	3040	cu. in
EOL	0 kts Var	1 m	2.7° Starboard	2.8 µB	5.5 kts.	5.1 kts.	138 m	7 m	3040	cu. in

Recording Parameters

Recording System	Seal
Record Length	8000 ms
Sample Rate	2 ms
Start Of Acquisition	System Start (Aux 1)
Start Of Data to Shot	50ms (Aux 2)
Low Cut Filter	OUT
Hi Cut Filter	200 Hz @ 370 dB / Octave
Tape Format	Demux. SEGD rev 1, 8058
Tape Brand	Imation 3590 10Gb
Polarity	First Break is Negative
Shot Point Interval	25m

Source Parameters

Array Volume	3040 cubic inches
Operating Pressure	2000 psi +/- 10%
Array Configuration	3 Strings
Array Numbering	Stbd to Port / 1 to 3
Array Separation	10 m
Source Depth	5 m +/- 1.0m
Center Source to Nav Mast	166 m
Comment	

Auxiliary Channels

1: System Start	3: 450ms TB	5:
2: TB	4: WB	
Near Field Hydrophones		
<i>Array 1</i>	<i>Array 2</i>	<i>Array 3</i>
<i>Starboard</i>	<i>Center</i>	<i>Port</i>
13: Fwd	16: Fwd	19: Fwd
14: Mid	17: Mid	20: Mid
15: Aft	18: Aft	21: Aft

Streamer Parameters

Number of Streamers	1
Streamer Length	6000m
Number Channels	480
Group Interval	12.5 m
Operating Depth	7m +/- 1
Offset CSCNG	114 m (Centre of source to centre of near group)

Sequence breakdown

Start	End	Status	Comment
2832	2960	Overlap	
2961	5731	Prime	
5732	5859	Runout	
5860	5865	Edit	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Soft start commenced @ 11:50 GMT
 SP's 4054 to 4059 - Bad Shots due to missing channels. (Tape error)
 SP's 5303 to 5309 - Bad Shots due to missing channels. (Tape error)

Bad Channels

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Line Status: Complete

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	005	1/3	2810		BOT	Noise Records
12:27			2812	2812	SOL	Nav Run-In SP
12:30			2832	2832		Overlap SP
12:50			2961	2961	FGSP	
			3741	3741	GUN	Gun 1-2 delta error, -1.1ms
	005	1/3	4059	4059	EOT	
	006	1/3	4060	4060	BOT	
			4191	4191	GUN	Gun 1-2 delta error, 1.1ms
			4683	4683	GUN	Gun 1-2 delta error, 1.1ms
			5020	5020	GUN	Gun 1-2 delta error, 1.2ms
			5023	5023	GUN	Gun 1-2 delta error, 1.3ms
			5124	5124	GUN	Gun 1-2 delta error, 1.2ms
			5182	5182	GUN	Gun 1-2 delta error, -1.1ms
			5188	5188	GUN	Gun 1-2 delta error, -1.1ms
			5266	5266	GUN	Gun 1-2 delta error, -1.1ms
			5267	5267	GUN	Gun 1-2 delta error, 1.3ms
	006	1/3	5309	5309	EOT	
	007	1/3	5310	5310	BOT	
			5366	5366	GUN	Gun 1-2 delta error, -1.1ms
20:17			5860	5860	LGSP	
20:18			5865	5865	EOL	Nav Run Out SP
	007	1/3	5866		EOT	Noise Record

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 Shotpoint
NTBP = Not To Be Processed	ITB = Internal Time Break	FTB = Field Time Break		