



OBSERVER LOG

Sequence: 17

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

Line Name: **SS04-007-017**

Direction: **064**
 Date Shot: **19 January 2004**

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)
17:21	032	979	981	981	1001	1001	17:24

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
20:51	033	2353	2352	2352	2352	2352	20:51

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume
SOL	18 kts S	2 m	2.3° Port	8.7 µB	5.2 kts.	5.1 kts.	856 m	9 m	3040 cu. in
EOL	16 kts S	2 m	2.6° Starboard	7.7 µB	5.1 kts.	5.2 kts.	84 m	9 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

Array 1	Array 2	Array 3
Starboard	Center	Port
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
1001	2343	Prime	
2344	2352	Runout	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Soft start commenced @ 16:52 GMT
 Cable set to 9 metres due to weather conditions.
 SOL Swell Noise evident affecting < 15% of traces < 15µB

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>
	032	1/3	979		BOT	Noise Records
17:21			981	981	SOL	Nav Run In SP
17:24			1001	1001	FGSP	
			1012	1012	GUN	Gun 2-4 delta error 1.8ms
			1013	1013	GUN	Gun 2-4 delta error 1.2ms
			1027	1027	GUN	Gun 2-4 delta error 1.5ms
			1028	1028	GUN	Gun 2-4 delta error 1.3ms
			1031	1031	GUN	Guns 2-3, 2-4 disabled, Guns 2-1, 2-2 enabled. Vol 3040 cuin. Good Shot.
			1032	1032	GUN	Gun 2-2 delta error 4.6ms
			1033	1033	GUN	Gun 2-2 delta error 4.5ms
			1062	1062	GUN	Gun 1-2 delta error 1.1ms
			2171	2171	GUN	Gun 1-2 delta error 1.1ms
	032	1/3	2178	2178	EOT	
	033	1/3	2179	2179	BOT	
			2246	2246	GUN	Gun 1-2 delta error 1.4ms
20:51			2352	2352	LGSP	
	033	1/3	2353		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		