



OBSERVER LOG Sequence: 16

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

Line Name: **SS04-003-016**

Direction: **245**
 Date Shot: **19 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)
12:12	031	979	981	981	1001	1001	12:15

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
15:09	031	2098	2097	2097	2092	2092	15:08

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	8 kts SSW	1.5 m	1° Port	12.2 µB	5.2 kts.	5.3 kts.	117 m	9 m	3040	cu. in
EOL	18 kts S	2 m	4.9° Port	12.5 µB	5.0 kts.	5.2 kts.	923 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	1963	Prime	
1964	2092	Runout	
2093	2097	Edit	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Soft start commenced @ 11:34 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>
	031	1/3	979		BOT	Noise Records
12:12			981	981	SOL	Nav Run In SP
12:15			1001	1001	FGSP	
			1139	1139	GUN	Gun 1-2 delta error 1.1ms
			1145	1145	GUN	Gun 1-2 delta error 1.1ms
			1195	1195	GUN	Gun 1-2 delta error 1.1ms
			1243	1243	GUN	Gun 1-2 delta error 1.2ms
			1248	1248	GUN	Gun 1-2 delta error 1.2ms
			1482	1482	GUN	Gun 1-2 delta error 1.1ms
			1621	1621	GUN	Gun 2-4 delta error 2.0ms
			1707	1707	GUN	Gun 1-2 delta error 1.1ms
			1760	1760	GUN	Gun 1-2 delta error 1.1ms
			1776	1776	GUN	Gun 1-2 delta error 1.2ms
			1804	1804	GUN	Gun 1-2 delta error 1.1ms
			1842	1842	GUN	Gun 1-2 delta error 1.1ms
			1922	1922	GUN	Gun 1-2 delta error 1.3ms
15:08			2092	2092	LGSP	
15:09			2097	2097	EOL	Nav Run Out SP
	031	1/3	2098		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		