



OBSERVER LOG Sequence: 12

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

Line Name: **SS04-006-012**

Direction: **332**
 Date Shot: **18 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)
10:00	023	979	981	981	1001	1001	10:03

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
14:49	024	2743	2742	2742	2737	2737	14:49

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	6 kts S	2.5 m	2.5° Starboard	3.1 µB	4.7 kts.	5.1 kts.	83 m	9 m	3040	cu. in
EOL	10 kts NW	2.5 m	2.8° Port	3.5 µB	4.9 kts.	5.1 kts.	161 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	2608	Prime	
2609	2737	Runout	
2738	2742	Edit	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Soft start commenced @ 09:24 GMT
 Cable set to 9 metres due to weather conditions.
 SOL Swell Noise affecting < 5% of traces < 10µB

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>
	023	1/3	979		BOT	Noise Records
10:00			981	981	SOL	Nav Run In SP
10:03			1001	1001	FGSP	
	023	1/3	2178	2178	EOT	
	024	1/3	2179	2179	BOT	
			2207	2207	GUN	Gun 2-4 delta error 1.2ms
			2348	2348	GUN	Gun 2-4 delta error 1.1ms
14:49			2737	2737	LGSP	
14:49			2742	2742	EOL	Nav Run Out SP
	024	1/3	2743		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		