



# OBSERVER LOG Sequence: 4

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

Line Name: **SS04-019-004**

Direction: **065**  
 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)
22:43	008	979	981	981	1001	1001	22:46

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
01:12	008	1912	1911	1911	1906	1906	01:11

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
<b>SOL</b>	6 kts E	2 m	10° Starboard	4.1 µB	5.1 kts.	5.2 kts.	147 m	7 m	3040	cu. in
<b>EOL</b>	7 kts SSW	2 m	3.7° Starboard	1.7 µB	5.1 kts.	5.1 kts.	73 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**

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	1777	Prime	
1778	1906	Runout	
1907	1911	Edit	

### Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

### Line Comments

Soft start commenced @ 22:05 GMT  
 Swell Noise on <20% of traces, up to 25uB  
 SP 1462 Midnight SP

### 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>
	008	1/3	979		BOT	Noise Records
22:43			981	981	SOL	Nav Run-In SP
22:46			1001	1001	FGSP	
01:11			1906	1906	LGSP	
01:12			1911	1911	EOL	Nav Run-Out SP
	008	1/3	1912		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		