



# OBSERVER LOG Sequence: 9

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

Line Name: **SS04-001-009**

Direction: **37**  
 Date Shot: **17 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)
08:51	016	979	981	981	1001	1001	08:54

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
16:11	018	3616	3615	3615	3610	3610	16:10

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
<b>SOL</b>	10 kts S	3 m	0.5° Port	25 µB	5.1 kts.	5.2 kts.	1471 m	9 m	3040	cu. in
<b>EOL</b>	6 kts ENE	1 m	3.6° Starboard	19 µB	4.3 kts.	5.1 kts.	51 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	
<b>Near Field Hydrophones</b>		
<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
1001	3481	Prime	
3482	3610	Runout	
3611	3615	Edit	

### Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

### Line Comments

Soft start commenced @ 08:17 GMT  
 Cable set to 9 metres due to weather conditions.  
 SOL Swell Noise affecting < 40% of traces < 35µB

### Bad Channels

Ch.98 Hyd Lkg

**Line Status: Complete**

GMT	Tape	Drive	File	SP	Event	Remarks
	016	1/3	979		BOT	Noise Records
08:51			981	981	SOL	Nav Run In SP
08:54			1001	1001	FGSP	
			1036	1036	NAV	Bad header (Bad Shot)
			1046	1046	NAV	Bad header (Bad Shot)
			1399	1399	NAV	Bad header (Bad Shot)
			1718	1718	GUN	Gun 2-4 delta error 1.7ms
			1739	1739	GUN	Gun 2-4 delta error 1.7ms
	016	1/3	2178	2178	EOT	
	017	1/3	2179	2179	BOT	
			3378	3378	EOT	
	018	1/3	3379	3379	BOT	
			3441	3441	GUN	Gun 1-2 delta error 1.1ms
16:10			3610	3610	LGSP	
16:11			3615	3615	EOL	Nav Run-Out SP
	018	1/3	3616		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		