



# OBSERVER LOG Sequence: 37

Vessel: M/V Pacific Titan  
 Client: SANTOS LIMITED  
 Project #: Job: 6211  
 Area: Otway Basin

Direction: 031  
 Line Name: OEP04-07-01-037  
 Date Shot: 24 November 2004

Party Chief: Ketil Glimsjø Chief Obs: Haydn Brook Observers: Cliff Gobbit, Roar Nygaard, Allan Beattie

SOL Time (UTC)	SOLTape#	First File	SOL SP	SOL File	FGSP	FGSP File	FGSP Time (UTC)
23:36	60	979	981	981	1001	1001	23:39

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
03:14	61	2317	2316	2316	2306	2306	03:12

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
<b>SOL</b>	18 kts. ESE	1 m	7.5° Starboard	4.3 µB	5.0 kts.	4.6 kts.	2060 m	7 m	3040	cu. in
<b>EOL</b>	19 kts. ESE	1.5 m	0.3° Port	5.6 µB	4.9 kts.	- kts.	144.2 m	7 m	3040	cu. in

### Recording Parameters

Recording System	Seal
Record Length	8000 ms
Sample Rate	2 ms
Start Of Data	System Start
Low Cut Filter	3 Hz /6 dB/ Octave
Hi Cut Filter	200 Hz @ 370 dB / Octave
Tape Format	Demux. SEG D 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	179 M
Comment	SOD to shot 50ms

### 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	2186	Prime	
2187	2306	Runout	

### Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

### Line Comments

Softstart commenced at 22:54  
 NOTE! Streamer at 7 m!!!  
 SOL-EOL: Random swell noise 1-5% of traces affected @ 20-80µB  
 SP 2015-2030: Front end of streamer deep d/t sudden loss of vessel speed.

### 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>
	60	3/4	979		BOT	Noise records
23:36			981	981	SOL	Run in SP
23:39			1001	1001	FGSP	
	60	3/4	2178	2178	EOT	
	61	1/2	2179	2179	BOT	
02:53			2186	2186	LFFSP	
03:12			2306	2306	LGSP	
03:14			2316	2316	EOL	Nav Run out
	61	1/2	2317		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		