



# OBSERVER LOG Sequence: 27

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

Direction: 31  
 Line Name: OEP04-21-01-027  
 Date Shot: 21 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)
19:55	41	979	981	981	1001	1001	19:58

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
00:56	43	2780	2779	2779	2769	2769	00:55

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
<b>SOL</b>	10 kts. SSW	1.5 m	2.6° Starboard	20 µB	5.0 kts.	4.7 kts.	1860 m	9 m	3040	cu. in
<b>EOL</b>	15 kts. ESE	1.5 m	4.8° Starboard	26 µB	4.7 kts.	4.9 kts.	97 m	9 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. 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	179 M
Comment	

### 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)

### 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

### Sequence breakdown

Start	End	Status	Comment
1001	2649	Prime	
2650	2769	Runout	

### Channels as recorded

AuxChannels: 481-501  
 Streamer1: 1-480

### Line Comments

Softstart commenced at 19:08  
 File 979 taken with 8m cable depth  
 NOTE!!! Streamer on 9m depth d/t weather  
 SOL-EOL: Random swell noise 20-30% of traces affected @ 20-200µB  
 Due to weather conditions streamer depth is occasionally out of Spec.  
 SP 2445 midnight SP GMT

### Bad Channels

319 DEAD

**Line Status: Complete**

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	41	3/4	979		BOT	Noise record
			981	981	SOL	run in SP
19:58			1001	1001	FGSP	
	41	3/4	1427	1427	EOT	
	42	3/4	1428	1428	BOT	SCSI write error 1427, file written again on next tape
	42	3/4	2627	2627	EOT	
	43	3/4	2628	2628	BOT	
00:34			2649	2649	LFFSP	
00:55			2769	2769	LGSP	
00:56			2779	2779	EOL	Nav run out SP
	43	3/4	2780		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	LFSP = 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		