



# OBSERVER LOG

## Sequence: 14

Vessel: M/V Pacific Titan  
Client: Santos  
Project #: Job: 6211  
Area: Vic P55

Line Name: **GISN05-01-01-014**

Direction: **211**  
Date Shot: **07 February 2005**

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)
15:29	16	979	981	981	1001	1001	15:31

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
17:59	16	1906	1905	1905	1895	1895	17:58

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
<b>SOL</b>	15 kts NW	1 m	2.6° Starboard	7.4 µB	5.0 kts.	4.8 kts.	61 m	7 m	3040	cu. in
<b>EOL</b>	22 kts N	1 m	0.6° Port	6.1 µB	5.0 kts.	4.8 kts.	86 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. 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	166 m
Comment	

### Auxiliary Channels

1: System Start	3: 450ms TB	5:
2: TB	4: WB	
<b>Near Field Hydrophones</b>		
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	1775	Prime	
1776	1895	Runout	

### Channels as recorded

AuxChannels: 481-501  
Streamer1: 1-480

### Line Comments

Commenced Soft Start @ 14:44 full power @ 15:14  
SOL: Swell noise affecting 1-5% of traces at max 100 uBar

### Bad Channels

Noisy - 25, 252

**Line Status: Complete**

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	16	1/4	979		BOT	Noise Records
15:29			981	981	FSP	Run-in shots
15:31			1001	1001	SOL	
			1025	1025	GUN	Gun 2-3 delta error -1.1ms
17:38			1775	1775	LFFSP	
			1816	1816	GUN	Gun 2-3 delta error -1.1ms
17:58			1895	1895	LGSP	
17:59			1905	1905	EOL	Nav run-out
	16	1/4	1906		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		