



OBSERVER LOG Sequence: 3

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

Line Name: **OEP04-51-01-003**

Direction: **30°**
 Date Shot: **10 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)
05:36	5	979	981	981	1001	999	05:39
EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
10:16	6	2793	2794	2792	2784	2782	10:14

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	12 kts. E	1.5 m	4.8° Starboard	8 µB	5.1 kts.	5.46 kts.	2102 m	7 m	3040	cu. in
EOL	8 kts. ESE	0.5 m	3.6° Port	4.4 µB	5.1 kts.	5.5 kts.	46.5 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	166 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	104 m (Centre of source to centre of near group)

Auxiliary Channels

1: System Start	3: 450ms TB	5:
2: TB	4: WB	
Near Field Hydrophones		
<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	2664	Prime	
2665	2784	Runout	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Soft Start Commenced 05:00
 Random swell noise on streamer up to 30uB
 A few random strikes at streamer throughout the line.
 SP 2590-EOL: Intermittent random noise from abeam/astern. Possibly from oilrig.

Bad Channels

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Line Status: Incomplete

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	5	3/4	979		BOT	Noise Records - Note Guns not disabled
05:36			981	981	FSP	Run in SP
05:39			999	1001	SOL	OK
			2225-2259	2225-2259	NDR	Seal did not record all channels to tape.
	5	3/4	2259	2261	EOT	Tape Change
	6	1/2	2260	2262	BOT	Possible scsi write error on file 2260
09:55			2662	2664	LFFSP	
10:14			2782	2784	LGSP	
10:16			2792	2794	EOL	Nav run out
	6	1/2	2793		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		