



OBSERVER LOG

Sequence: 38

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

Line Name: **OEP04-13-01-038**

Direction: **211**
 Date Shot: **25 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)
05:14	62	979	981	981	1001	1001	05:18
EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
06:40	62	1494	1493	1493	1491	1491	06:39

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume
SOL	18 kts. SSE	1 m	0.2° Starboard	8.7 µB	4.4 kts.	4.6 kts.	558.3 m	7 m	3040 cu. in
EOL	18 kts. SSE	1 m	3.0° Port	4.9 µB	4.7 kts.	4.9 kts.	1612.8 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

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	
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	1491	Prime	

Channels as recorded

AuxChannels: 481-501
 Streamer1: 1-480

Line Comments

Softstart commenced at 04:32
 NOTE! Streamer at 7 m!!!
 SOL-EOL: Random swell noise 1-5% of traces affected @ 20-80µB
 Line terminated d/t whale activity within 3km ahead.

Bad Channels

Line Status: Incomplete

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	62	3/4	979		BOT	Noise record
05:14			981	981	SOL	Run in SP
05:18			1001	1001	FGSP	
06:39			1491	1491	LGSP	
06:40			1493	1493	EOL	Line terminated d/t whales
	62	3/4	1494		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		