



OBSERVER LOG Sequence: 32

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

Direction: 211°
 Date Shot: 23 November 2004

Line Name: **OEP04-27-01-032**

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)
20:17	50	979	981	981	1001	1001	20:20
EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
00:51	52	2675	2674	2674	2664	2664	00:49

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	14 kts. E	2 m	7.0° Starboard	13 µB	5.1 kts.	5.2 kts.	147 m	9 m	3040	cu. in
EOL	12 kts. ESE	2 m	5.4° Port	8.9 µB	4.9 kts.	5.2 kts.	1818 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. 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	2544	Prime	
2545	2664	Runout	

Channels as recorded

AuxChannels: 481-501
 Streamer1: 1-480

Line Comments

Softstart commenced at 19:44
 NOTE!!! Streamer on 9m depth d/t weather
 SOL: Random swell noise 10-25% of traces affected @ 20-250µB
 SP 2170 shipnoise from ahead
 SP 2369 midnight SP GMT

Bad Channels

Line Status:

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	50	3/4	979		BOT	Noise Record
20:17			981	981	SOL	Nav run in SP
20:20			1001	1001	FGSP	
	50	3/4	1403	1403	EOT	SCSI write error 1404, file written again on next tape
	51	1/2	1404	1404	BOT	
00:29			2544	2544	LFFSP	
	51	1/2	2603	2603	EOT	
	52	3/4	2604	2604	BOT	
00:49			2664	2664	LGSP	
00:51			2674	2674	EOL	Nav run out SP
	52	3/4	2675		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		