



OBSERVER LOG Sequence: 23

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

Direction: 210
 Date Shot: 21 November 2004
 Line Name: OEP04-29-01-023

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)
00:46	35	979	981	981	1001	1001	00:50

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
02:51	35	1690	1689	1689	1679	1679	02:53

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	20 kts. SW	3 m	7.6° Port	14 µB	4.5 kts.	5.0 kts.	1262 m	9 m	3040	cu. in
EOL	30 kts. WSW	2 m	6.6° Port	21 µB	4.6 kts.	4.9 kts.	1790.5 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	

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

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	1559	Prime	
1560	1679	Runout	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Softstart commenced at 00:04
 NOTE!!! Streamer on 9 m depth d/t weather
 SOL-EOL: Random swell noise 20-30% of traces affected @ 20-200uB

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>
	35	1/2	979		BOT	Noise record
			981	981	SOL	Run in SP
00:50			1001	1001	FGSP	
02:30			1559	1559	LFFSP	
02:51			1679	1679	LGSP	
02:53			1689	1689	EOL	Nav run out SP
	35	1/2	1690		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		