



OBSERVER LOG Sequence: 28

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

Direction: 211
 Date Shot: 22 November 2004
 Line Name: OEP04-15-01-028

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)
02:39	44	979	981	981	1001	1001	02:43
EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
02:53	44	1056	1055	1055	1055	1055	02:53

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	10 kts. ESE	3.0 m	0.1° Starboard	28 µB	5.0 kts.	4.9 kts.	102 m	9 m	3040	cu. in
EOL	kts.	m	°	36 µB	kts.	kts.	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	

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

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Softstart commenced at 02:04
 NOTE!!! Streamer on 9m depth d/t weather
 SOL-EOL: Random swell noise 30-50% of traces affected @ 20-400µB
 Line terminated d/t excessive swell noise. Down for weather.
 NTBP!

Bad Channels

319 DEAD

Line Status: NTBP

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	44	3/4	979		BOT	Noise record
02:39			981	981	SOL	run in SP
02:43			1001	1001	FGSP	
02:53	44	3/4	1055	1055	EOL	Line terminated d/t swell noise
			1056		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	FFFSP = 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		