



OBSERVER LOG

Sequence: 6

Vessel: M/V Pacific Titan
Client: Santos
Project #: Job: 6211
Area: Vic P55

Line Name: GISN05-21-01-006

Direction: 000
Date Shot: 05 February 2005

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)
13:57	6	979	981	981	1001	1001	14:00

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
16:01	6	1721	1721	1720	1711	1710	15:59

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	30 kts. WSW	1-2 m	3.3° Starboard	23 µB	4.7 kts.	5.0 kts.	123 m	8 m	3040	cu. in
EOL	30 kts. WSW	2 m	2.5° Port	23.7 µB	4.6 kts.	4.7 kts.	101 m	8 m	3040	cu. in

Recording Parameters

Recording System	Seal
Record Length	8000 ms
Sample Rate	2 ms
Start Of Acquisition	System Start (Aux 1)
Start Of Data to Shot	50ms (Aux 2)
Low Cut Filter	OUT
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	

Auxiliary Channels

1: System Start	3: 450ms TB	5:
2: TB	4: WB	
Near Field Hydrophones		
Array 1	Array 2	Array 3
Starboard	Center	Port
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	1591	Prime	
1592	1711	Runout	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Commenced Soft Start @ 13:10.; full array 13:40
NOTE!!! Noise records done with strm @ 7 m!
SOL- SP 1300: Swell noise affecting 15-25% of traces at 12 to 200 uBar
Sp 1300: Swell noise increasing, affecting 35-55% of traces at 20 to 700 uBar
Occasionally shallow front bird d/t high tension/sea state.
SP 1580: Streamer starting to fluctuate in depth, Bird 6 to 9 shallow. Control reduced.

Bad Channels

Noisy - 25

Line Status: Complete

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	6	1/2	979		BOT	Noise Records
13:57			981	981	FSP	Runin shots
14:00			1001	1001	SOL	
				1004	NDR	Lost SP
			1104	1105	GUN	Gun 1-2 Delta error -1.1ms
			1404	1405	GUN	Gun 2-3 Delta error -1.2ms
			1405	1406	GUN	Gun 2-3 Delta error -1.1ms
			1556	1557	GUN	Gun 1-2 Delta error -1.1ms
			1595	1596	LFFSP	
			1666	1667	GUN	Gun 2-3 Delta error -1.1ms
15:59			1710	1711	LGSP	
16:01			1720	1721	EOL	Nav runout
	6	1/2	1721		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		