



OBSERVER LOG

Sequence: 19

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

Line Name: **GISN05-06-01-019**

Direction: **270**
Date Shot: **08 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)
15:37	21	979	981	981	1001	1001	15:40

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
18:36	21	2032	2031	2031	2021	2021	18:34

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	20 kts WSW	1 m	4.9° Port	10 µB	5.1 kts.	4.9 kts.	114 m	7 m	3040	cu. in
EOL	20 kts WSW	1 m	2.0° Port	8.1 µB	4.4 kts.	4.6 kts.	70 m	7 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. SEGD 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	1901	Prime	
1902	2021	Runout	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Commenced Soft Start @ 15:02, full power @ 15:33
NOTE! Noise files SOL with tail end of strm in a bend.
SOL-SP 1020: Tr 460-480 affected by turning noise on tail end of strm.

Bad Channels

Noisy - 25, 252

Line Status: Complete

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	21	3/4	979		BOT	Noise Records
15:37			981	981	FSP	Run-in shots
15:40			1001	1001	SOL	
			1027	1027	GUN	Gun 2-3 delta error -1.4ms
			1347	1347	GUN	Gun 2-3 delta error -1.3ms
			1495	1495	GUN	Gun 2-3 delta error -1.1ms
			1517	1517	GUN	Gun 2-3 delta error -1.1ms
			1838	1838	GUN	Gun 2-3 delta error -1.2ms
18:12			1901	1901	LFFSP	
18:34			2021	2021	LGSP	
18:36			2031	2031	EOL	Nav run-out
	21	3/4	2032		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		