



OBSERVER LOG

Sequence: 16

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

Line Name: **GISN05-15-01-016**

Direction: **180**
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)
00:16	18	979	981	981	1001	1001	00:19

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
03:44	18	2178	2178	2178	2174	2174	03:43

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	15 kts SSW	1.5 m	11.5° Port	5.6 µB	5.0 kts.	5.2 kts.	62 m	7 m	3040	cu. in
EOL	20 kts SW	1.5 m	6.2° Port	4.8 µB	4.5 kts.	4.9 kts.	128 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. 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	2054	Prime	
2055	2174	Runout	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Commenced Soft Start @ 23:31 full power @ 00:02
EOL noise files are not recorded to tape.

Bad Channels

Noisy - 25, 252

Line Status:

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	18	3/4	979		BOT	Noise Records
00:16			981	981	FSP	Run-in shots
00:19			1001	1001	SOL	
			1019	1019	GUN	Gun 1-2 delta error -1.1ms
			1430	1430	GUN	Gun 1-2 delta error -1.1ms
			1434	1434	GUN	Gun 1-2 delta error -1.1ms
			1682	1682	GUN	Gun 2-3 delta error -1.1ms
			1759	1759	GUN	Gun 2-3 delta error -1.1ms
03:21			2054	2054	LFFSP	
03:43			2174	2174	LGSP	
03:44	18	3/4	2178	2178	EOL	Nav run-out

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		