



# OBSERVER LOG

## Sequence: 6

Vessel: M/V Pacific Titan  
Client: NEXUS  
Project #: Job: 6216  
Area: Vic P39

Line Name: **GNX05-13-01-006**

Direction: **047°**  
Date Shot: **10 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)
08:31	6	979	981	981	1001	1001	08:33

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
10:44	6	2035	2034	2034	2024	2024	10:42

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
<b>SOL</b>	10 kts SW	1.5 m	1.0° Starboard	9.4 µB	5.0 kts.	5.0 kts.	15.4 m	7 m	3040	cu. in
<b>EOL</b>	12 kts SSW	1.0 m	0.4° Port	8 µB	4.6 kts.	4.9 kts.	18.6 m	7 m	3040	cu. in

### Recording Parameters

Recording System	Seal
Record Length	6000 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	18.75m

### 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	6 m +/- 1.0m
Center Source to Nav Mast	166 m
Comment	

### Auxiliary Channels

1: System Start	3: 450ms TB	5:
2: TB	4: WB	
<b>Near Field Hydrophones</b>		
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	3000m
Number Channels	240
Group Interval	12.5 m
Operating Depth	7m +/- 1
Offset CSCNG	110 m (Centre of source to centre of near group)

### Sequence breakdown

Start	End	Status	Comment
1001	1944	Prime	
1945	2024	Runout	

### Channels as recorded

AuxChannels: 241-261  
Streamer1: 1-240

### Line Comments

Soft start commenced @ 07:52 , full power @ 08:23  
SOL: Spare 300cuin cluster enabled due to gun 2-3 being erratic

### Bad Channels

**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	3/4	979		BOT	Noise record
08:31			981	981	FSP	Run in
08:33			1001	1001	SOL	
10:32			1944	1944	LFFSP	
			1977	1977	GUN	Gun 1-2 delta error 1.1ms
			1979	1979	GUN	Gun 1-2 delta error 1.2ms
10:41			2024	2024	LGSP	
10:44			2034	2034	EOL	Nav run-out
	6	3/4	2035		EOT	Noise records

**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		