



# OBSERVER LOG

## Sequence: 14

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

Line Name: **GNX05-11-01-014**

Direction: **227°**  
Date Shot: **11 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)
12:37	15	979	981	981	1001	1001	12:39

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
14:41	15	2035	2034	2034	2024	2024	14:40

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
<b>SOL</b>	10 kts. NE	1 m	3.4° Starboard	8.3 µB	5.1 kts.	5.1 kts.	16.7 m	7 m	3040	cu. in
<b>EOL</b>	15 kts. W	<1 m	0.2° Starboard	7 µB	5.2 kts.	4.7 kts.	15.1 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 @ 11:55, full power @ 12:24  
Slight bend noise at tail of streamer during SOL noise records

### 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>
	15	1/3	979		BOT	Noise record
12:37			981	981	FSP	Run in
12:39			1001	1001	FGSP	
			1050	1050	GUN	Gun 1-2 delta error 1.1ms
			1187	1187	GUN	Gun 1-2 delta error 1.2ms
			1189	1189	GUN	Gun 1-2 delta error 1.2ms
14:31			1944	1944	LFFSP	
14:40			2024	2024	LGSP	
14:41			2034	2034	EOL	Nav run-out
	15	1/3	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		