



OBSERVER LOG

Sequence: 4

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

Line Name: **GNX05-02-01-004**

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)
00:03	4	979	981	981	1001	1001	00:06

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
02:24	4	2027	2026	2026	2016	2016	02:23

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	12 kts SSW	1 m	5.4° Starboard	9 µB	4.3 kts.	4.9 kts.	9.1 m	7 m	3040	cu. in
EOL	10 kts SW	1.5 m	0.4° Port	8 µB	4.6 kts.	5.0 kts.	6.2 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	
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	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	1936	Prime	
1937	2016	Runout	

Channels as recorded

AuxChannels: 241-261
Streamer1: 1-240

Line Comments

Soft start commenced @ 23:30 , full power @ 00:01
Front of streamer slightly bent during noise records at SOL

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>
	4	3/4	979		BOT	Noise record
00:03			981	981	FSP	Run in
00:06			1001	1001	SOL	
02:12			1936	1936	LFFSP	
02:23			2016	2016	LGSP	
02:24			2026	2026	EOL	Nav run-out
	4	3/4	2027		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		