



OBSERVER LOG

Sequence: 1

Vessel: M/V Pacific Titan
Client: NEXUS
Project #: Job: 6214
Area: Vic P39

Line Name: **GNX05-07-01-001**

Direction: **227°**
Date Shot: **09 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)
11:02	001	979	981	981	1001	1001	11:04

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
13:07	001	2027	2026	2026	2016	2016	13:05

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	5 kts SW	1 m	0.4° Port	6.7 µB	5.2 kts.	4.7 kts.	16.6 m	7 m	3040	cu. in
EOL	10 kts SW	1 m	0.0°	7.4 µB	5.0 kts.	4.6 kts.	13.8 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. SEGD 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 @10:21, full power @10:52

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>
	1	3/4	979		BOT	Noise record
			981	981	FSP	Run in
			1001	1001	SOL	
			1441	1441	GUN	Gun 2-3 delta error -1.3ms
			1729	1729	GUN	Gun 2-3 delta error -1.4ms
			1749	1749	GUN	Gun 2-3 delta error -1.4ms
			1781	1781	GUN	Gun 2-3 delta error -1.2ms
13:07			1936	1936	LFFSP	
				1993	GUN	Gun 2-3 delta error -1.3m
				1995	GUN	Gun 2-3 delta error -1.1ms
13:05			2016	2016		LGSP
13:07			2026	2026		EOL
			2027			EOT

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		