



OBSERVER LOG

Sequence: 7

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

Line Name: **GNX05-04-01-007**

Direction: **227°**
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)
12:25	7	979	981	981	1001	1001	12:28

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
14:34	7	2027	2026	2026	2016	2016	14:33

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	15 kts SW	1.5 m	1.5° Port	9.5 µB	5.0 kts.	4.8 kts.	12.4 m	7 m	3040	cu. in
EOL	18 kts W	1 m	0.1° Starboard	9.2 µB	5.1 kts.	4.8 kts.	12.6 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	
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 @ 11:59 , full power @ 12:24
SOL: Spare 300cuin cluster enabled due to gun 2-4 no firing
SP 1033 - 1050: Low air pressure on all gun strings, maintaining approximately 1800 psi. Gun string 2 with lowest reading of 1704 PSI. String 1 and 3 remained above 1800psi.
SP 1055-SP 1063: Bird 2 deep(below 8m) d/t reduced speed for compressors.
Small airleak on gun 2-3 throughout line!

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>
	7	3/4	979		BOT	Noise record
12:25			981	981	FSP	Run in
12:28			1001	1001	SOL	
			1936	1936	LFFSP	
14:33			2016	2016	LGSP	
14:34			2026	2026	EOL	Nav run-out
	7	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		