



OBSERVER LOG

Sequence: 8

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

Line Name: **GNX05-12-01-008**

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)
17:06	8	979	981	981	1001	1001	17:08

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
19:16	8	2035	2034	2034	2024	2024	19:15

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	10 kts NW	<0.5 m	3.7° Starboard	6.3 µB	5.2 kts.	5.1 kts.	15.4 m	7 m	3040	cu. in
EOL	10 kts SW	<0.5 m	0.7° Starboard	6.1 µB	4.9 kts.	4.5 kts.	16.9 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	1934	Prime	
1934	2024	Runout	

Channels as recorded

AuxChannels: 241-261
Streamer1: 1-240

Line Comments

Soft start commenced @ 16:31, full power @17:02
Line started with spare cluster (gun 2-1/2-2) instead of cluster 2-3/2-4
SP 1002-SP 1006, SP 1008-SP1009, 1011-1012: Pressure below 1800psi on gunstrings 2 and 3 d/t vessel speed.

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>
	8	3/4	979		BOT	Noise record
17:06			981	981	FSP	Run in
17:08			1001	1001	SOL	
			1015	1015	GUN	Gun 2-1 delta error - 1.1ms
19:04			1934	1934	LFFSP	
19:15			2024	2024	LGSP	
19:16			2034	2034	EOL	Nav run-out
	8	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		