



OBSERVER LOG

Sequence: 5

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

Line Name: **GNX05-05-01-005**

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)
04:25	5	979	981	981	1001	1001	04:28

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
06:55	5	2027	2026	2026	2016	2016	06:54

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	10 kts SW	1.5 m	4.5° Starboard	8.5 µB	4.2 kts.	4.8 kts.	13.2 m	7 m	3040	cu. in
EOL	15 kts SW	1.5 m	0.4° Starboard	9.5 µB	4.2 kts.	5.0 kts.	13.5 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 @ 03:21, full power @ 03:52
File 979 streamer was in a slight bend.

Bad Channels

Line Status:

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	5	3/4	979		BOT	Noise record
04:25			981	981	FSP	Run in
04:28			1001	1001	SOL	
			1059	1059	GUN	Gun 2-3 delta error -1.3ms
			1120	1120	GUN	Gun 2-3 delta error -1.1ms
			1211	1211	GUN	Gun 2-3 delta error -1.1ms
			1212	1212	GUN	Gun 2-3 delta error -1.1ms
			1213	1213	GUN	Gun 2-3 delta error -1.1ms
			1559	1559	GUN	Gun 2-3 delta error -1.2ms
			1581	1581	GUN	Gun 2-3 delta error -1.1ms
			1595	1595	GUN	Gun 2-3 delta error -1.2ms
			1596	1596	GUN	Gun 2-3 delta error -1.3ms
			1597	1597	GUN	Spread error: 2.7ms
			1598	1598	GUN	Spread error: 2.9ms
			1599	1599	GUN	Spread error: 3.8ms, Gun 2-3, 2-4 off - Gun 2-1, 2-2 on (300 cluster)
			1600	1600	GUN	Spread error: 4.7ms
			1601	1601	GUN	Spread error: 4.3ms
06:42			1936	1936	LFFSP	
06:54			2016	2016	LGSP	
06:55			2026	2026	EOL	Nav run-out
	5	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		