

Transport Connected Bus Program Quick Reference Guide (QRG) Generate a Trip Playback Report in Traffic Studio v0.1

Contents

С	verview	1
	How to Generate a Report	2
	Minimise / Maximise Tool Windows to get more screen space	
	Glossary of Trip Playback Report terms	7
	Who do I contact if I have more questions?	8

Overview

Bus Operators and TfNSW Contact Managers can use Traffic Studio to generate reports to seek data on various scenarios to answer queries and investigate events.

Bus Operators and Contract Managers require detailed information of planned vs actual route data, which is found via a Trip Playback Report.

There are many reasons to examine historical route data confirm operators' activities on-route – for example in reviewing service delivery; requests for service variations or when feedback is received from passengers.



OFFICIAL

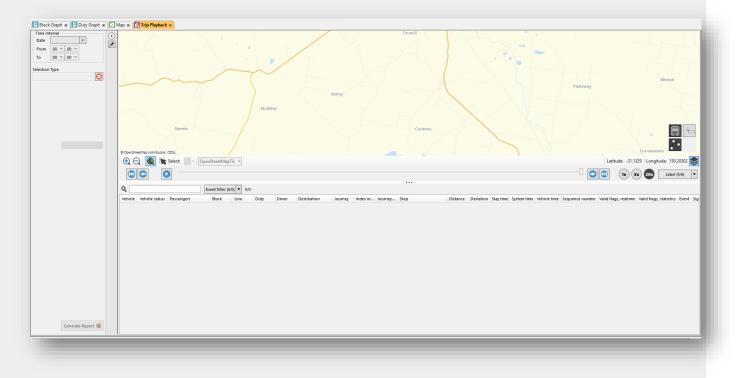
How to Generate a Report

The Trip Playback report gives a detailed view of a vehicle's journey. The report details each activity on the journey.

	File	View	Tools	Help Language			
	0	• 🕄		Assignments			💭 📃 Line Group:
ß	٩	🗄 Blo	C	Customer Support		рх	
	Searc	1		Driver alarm log			Keepit Cr
	h Stop		0	Drivers			LA A
	Search Stop Point 🗙		C	Events	+		
	×		0	Geofences		~	21
	Q		C	Headway		$\overline{}$	NY V
	Search Vehicle	h	C	Line Overview			
	Vehic	- na	Θ	Line Viewer		51	
	×	dah	C	Map		Carroll	
	0	12	Ħ	Planned Traffic	۲	Carrol	lla
	Line O		C	Report Sheet / Deviations	۲		
	🖸 Line Overview 🗙 🛄 Planned Traffic 🗴		Q	Search Stop Point			
			Q	Search Vehicle			
Ĩ			1.	Statistics	•	ıl.	Assignment Status
			目	Text Messaging	۲	ıl.	Charter report
			Ø	Traffic Changes	۲	ıl.	Daily Diagnostics Report
		4	G	Traffic Status		ıl.	Detail Report
	_	$\left \right $	Θ	Vehicle History		ıl.	Deviations Report
- 1	Iraf		G	Vehicles	۲	ıl.	Headway Report
	 Traffic Status × 			\sim		ıl.	Journey Time Report
	tus	$ \rightarrow $				ıl.	Line Report
	<u> </u>	* .				ıl.	Link Summary Report
					\mathcal{L}	ıl.	Passenger Reports
		~				ıl.	Punctuality Report
					1	ıl.	Route Checker
					1	1.	Traffic Log Report
					5	ıl.	Trip Playback
		© Opens	StreetMap	contributors, ODbL.	5	11.	Vehicle Speed Report

Step 1 - Select **Tools – Statistics – Trip Playback Report**

The Trip Playback Report screen appears.



Note: The Trip Playback Report screen is divided into two sections. **The left window is where you define your parameters** for the report you require, and **on the right is where the report will appear**.

Minimise / Maximise Tool Windows to get more screen space

Before you begin working with the Trip Playback Report a (or any Traffic Studio report), you can minimise the **Left Tool Window** and the **Bottom Tool Widow** to give yourself more space to work and more screen space to see the full report, when you have generated it.te

Click the **black arrow** in the Left Tool Window to minimise the window, click the **black arrow** in the Bottom Tool Window to minimise it. This can be adapted as a standard procedure for using any of the reports in Traffic Studio.



Note: Those black arrows will remain visible on your screen.

To maximise/restore the Left Tool Window and the Bottom Tool Window, click on those arrows again to restore your view of those tools.

Step 2 - Select the Time interval for your report.

Time int Date		10/202	3 -]
From	00 ~	00 \		-
То	14 ~	00 \		

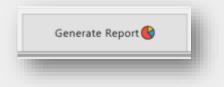
Step 3 - Select either Vehicles, Blocks, or Lines.

	~ 🖸	
Vehicles		
Blocks		
Lines		

Step 4 – Select the vehicle, block or line.

Vehicles	~ 🕄
۹	
1514	^
1515	
1709	
1711	
✓ 1716	
3231	
3232	

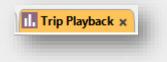
Step 5 - Click **Generate Report** to generate the report.



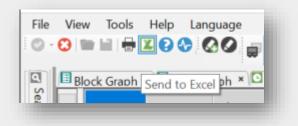


Carroll Carroll Piallaney e OpenStreetNop Scorobator, CODL	Bective Gatiny Haltsville Waltamore Daruka Westalas Sarruh Winton Bithramere Warral Warral Konsond Calala	Limbri Mufia Creek
🕀 😋 🍓 🐂 Select: 📃 - OpenStreetMapTi	Kingswood	Latitude: -31.12291 Longitude: 150.7
	240:19 AM	(b) (b) (b) (c) (abel 10)
Q Event filter (33)	/33) 🔻 761/761	
Vehicle Vehicle status	23] ▼ 761/761 Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	Distance Deviation Staytime System time Vehicle time S
		Distance Deviation Stay time System time Vehicle time 5 0 -0022512 64949 AM (Monday, 23 October 2023) 64949 AM (Monday, 23 October 2023) 54949 AM (Monday, 23 October 2023)
Vehicle Vehicle status	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	
Vehicle Vehicle status 1716M0	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 -00:25:12 6:49:49 AM (Monday, 23 October 2023) 6:49:49 AM (Monday, 23 October 2023)
Vehicle Vehicle status 1716MO 1716MO	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 -00:25:12 6-49:49 AM (Monday, 23 October 2023) 0 -00:24:11 6:50:50 AM (Monday, 23 October 2023) 6:50:49 AM (Monday, 23 October 2023)
Vehicle Vehicle status 1716M0	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 -0022512 649-49 AM (Monday, 23 October 2023) 649-49 AM (Monday, 23 October 2023) 0 -0022411 650-50 AM (Monday, 23 October 2023) 650-40 AM (Monday, 23 October 2023) 0 -0022355 6551-66 AM (Monday, 23 October 2023) 651-66 AM (Monday, 23 October 2023)
Vehicle Vehicle status T716MO T16MO	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 4022512 6494 9A M (Monday, 23 October 2023) 6494 9A M (Monday, 23 October 2023) 0 4026411 6550 6A M (Monday, 23 October 2023) 6509 6A M (Monday, 23 October 2023) 0 4022431 6519 6A M (Monday, 23 October 2023) 6519 6A M (Monday, 23 October 2023) 0 4022331 6519 6A M (Monday, 23 October 2023) 6519 6A M (Monday, 23 October 2023)
Vehicle Vehicle status 1776MO 1776MO 1776MO 1776MO 1776MO 1766MO 1766MO 1766MO 1766MO 1766MO 1766MO 1766MO 1766MO 1776MO	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 4022512 649-49 AM (Monday, 23 October 2023) 649-49 AM (Monday, 23 October 2023) 649-59 AM (Monday, 23 October 2023) 6595 AM (Monday, 23 October 2023) 6595 AM (Monday, 23 October 2023) 6595 AM (Monday, 23 October 2023) 65106 AM (Monday, 23 October 2023) 65114 AM (Monday, 23 October 2023) 65141 AM (Monday, 23 October 2023) 651
Vehicie Vehicie status 171640 171640	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 4022512 64849 AM (Monday, 23 October 2023) 64949 AM (Monday, 23 October 2023) 0 4022411 65550 AM (Monday, 23 October 2023) 65549 AM (Monday, 23 October 2023) 0 4022555 65130 AM (Monday, 23 October 2023) 65130 AM (Monday, 23 October 2023) 0 4022353 65130 AM (Monday, 23 October 2023) 65130 AM (Monday, 23 October 2023) 0 402233 65130 AM (Monday, 23 October 2023) 65130 AM (Monday, 23 October 2023) 0 402258 65147 AM (Monday, 23 October 2023) 65147 AM (Monday, 23 October 2023) 0 402258 65203 AM (Monday, 23 October 2023) 65147 AM (Monday, 23 October 2023)
Vehicie Vehicie status 1776400 17764000 177640000 17777000000 17767000000000 1776700000000000000000000000000000000	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 4022512 64949 AM (Monday, 23 October 2023) (44949 AM (Monday, 23 October 2023) 0 402411 65030 AM (Monday, 23 October 2023) (54949 AM (Monday, 23 October 2023) 0 402411 65196 AM (Monday, 23 October 2023) (5494 AM (Monday, 23 October 2023) 0 4022331 65196 AM (Monday, 23 October 2023) (55196 AM (Monday, 23 October 2023) 0 4022331 651190 AM (Monday, 23 October 2023) (55119 AM (Monday, 23 October 2023) 0 4022320 651214 AM (Monday, 23 October 2023) (55114 AM (Monday, 23 October 2023) 0 402233 65203 AM (Monday, 23 October 2023) (55126 AM (Monday, 23 October 2023) 0 402233 65203 AM (Monday, 23 October 2023) (55228 AM (Monday, 23 October 2023) 0 402233 65228 AM (Monday, 23 October 2023) (55228 AM (Monday, 23 October 2023)
Vehicle Vehicle status 17.1640 Image: Comparison of the status	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 4022512 64949 AM (Monday, 23 October 2023) 64949 AM (Monday, 23 October 2023) 0 4026411 65950 AM (Monday, 23 October 2023) (65049 AM (Monday, 23 October 2023) 0 4026215 65106 AM (Monday, 23 October 2023) (65106 AM (Monday, 23 October 2023) 0 402235 65106 AM (Monday, 23 October 2023) (65106 AM (Monday, 23 October 2023) 0 4022320 65119 AM (Monday, 23 October 2023) (65110 AM (Monday, 23 October 2023) 0 4022220 651141 AM (Monday, 23 October 2023) (65116 AM (Monday, 23 October 2023) 0 4022230 65220 AM (Monday, 23 October 2023) (65126 AM (Monday, 23 October 2023) 0 4022236 65220 AM (Monday, 23 October 2023) (65226 AM (Monday, 23 October 2023) 0 4022232 65228 AM (Monday, 23 October 2023) (65228 AM (Monday, 23 October 2023) 0 402212 6528 AM (Monday, 23 October 2023) (65228 AM (Monday, 23 October 2023) 0 402212 6528 AM (Monday, 23 October 2023) (6528 AM (Monday, 23 October 2023)
Vehicle Vehicle status 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 •	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 4022512 64949 AM (Monday, 23 October 2023) (64949 AM (Monday, 23 October 2023) 0 4026411 65950 AM (Monday, 23 October 2023) (65949 AM (Monday, 23 October 2023) 0 4026411 65950 AM (Monday, 23 October 2023) (65106 AM (Monday, 23 October 2023) 0 4022355 65106 AM (Monday, 23 October 2023) (65106 AM (Monday, 23 October 2023) 0 402230 651141 AM (Monday, 23 October 2023) (65104 AM (Monday, 23 October 2023) 0 402235 65503 AM (Monday, 23 October 2023) (65104 AM (Monday, 23 October 2023) 0 402235 65528 AM (Monday, 23 October 2023) (6528 AM (Monday, 23 October 2023) 0 402233 65528 AM (Monday, 23 October 2023) (6528 AM (Monday, 23 October 2023) 0 402231 65528 AM (Monday, 23 October 2023) (6528 AM (Monday, 23 October 2023) 0 402231 65528 AM (Monday, 23 October 2023) (6528 AM (Monday, 23 October 2023) 0 4022137 65355 AM (Monday, 23 October 2023) (65326 AM (Monday, 23 October 2023)
Vehicle Vehicle status 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 • 171640 •	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 -002512 6-49-49 AM (Monday, 23 October 2021) (6-49-49 AM (Monday, 23 October 2021) 0 -002411 6-503 AM (Monday, 23 October 2021) (6-504 AM (Monday, 23 October 2021) 0 -002411 6-5106 AM (Monday, 23 October 2021) (6-504 AM (Monday, 23 October 2021) 0 -002233 6-5106 AM (Monday, 23 October 2021) (6-5106 AM (Monday, 23 October 2022) 0 -002230 6-5104 AM (Monday, 23 October 2021) (6-5103 AM (Monday, 23 October 2022) 0 -002230 6-500 AM (Monday, 23 October 2021) (6-5103 AM (Monday, 23 October 2022) 0 -002230 6-500 AM (Monday, 23 October 2021) (6-5203 AM (Monday, 23 October 2022) 0 -002234 6-5200 AM (Monday, 23 October 2021) (6-5204 AM (Monday, 23 October 2022) 0 -002231 6-5204 AM (Monday, 23 October 2021) (6-5204 AM (Monday, 23 October 2022) 0 -002212 6-524 AM (Monday, 20 October 2021) (6-524 AM (Monday, 23 October 2022) 0 -002214 6-5325 AM (Monday, 23 October 2021) (6-5324 AM (Monday, 23 October 2022) 0 -002214 6-5325 AM (Monday, 23 October 2021) (6-5325 AM (Monday, 23 October 2022) 0 -002214 6-5325 AM (Monday, 23 October 2022) (6-5325 AM (Monday, 23 October 2022) 0 -002214
Vehicle Vehicle status 1716400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 • 1715400 •	Passengers Block Line Duty Driver Destination Journey Index in Journey Stop	0 402512 64949 AM (Monday, 23 October 2023) 64949 AM (Monday, 23 October 2023) 0 4026411 65950 AM (Monday, 23 October 2023) (65049 AM (Monday, 23 October 2023) 0 4026411 65950 AM (Monday, 23 October 2023) (65166 AM (Monday, 23 October 2023) 0 4022531 651100 AM (Monday, 23 October 2023) (65106 AM (Monday, 23 October 2023) 0 4022531 651100 AM (Monday, 23 October 2023) (65100 AM (Monday, 20 October 2023) 0 4022520 65141 AM (Monday, 23 October 2023) (65120 AM (Monday, 23 October 2023) 0 4022536 65520 AM (Monday, 23 October 2023) (65220 AM (Monday, 23 October 2023) 0 4022512 65228 AM (Monday, 23 October 2023) (65226 AM (Monday, 23 October 2023) 0 402217 65326 AM (Monday, 23 October 2023) (65226 AM (Monday, 23 October 2023) 0 402217 65356 AM (Monday, 23 October 2023) 0 402217 65356 AM (Monday, 23 October 2023) 0 402217 65356 AM (Monday, 23 October 2023) 0 402117 65356 AM (Monday, 23 October 2023) 0 402117 65356 AM (Monday, 23 October 2023) 0 4021108 65356 AM (Monday, 23 October 2023)

When you have finished with the report, you can close it by clicking on the **X** in the **Trip Playback Report** orange highlighted tab.

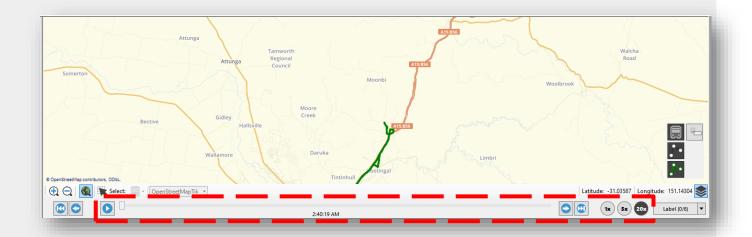


Step 7 - If you wish to keep and perform statistical analysis of the data, click the **Send to Excel button** in the function bar.

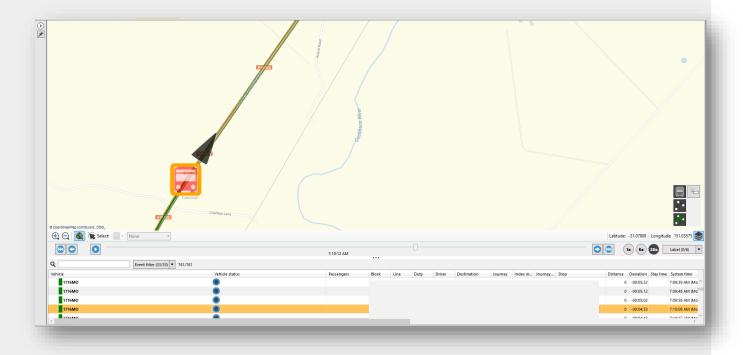


Step 8 – Choose **where** to save your file.

Step 9 - Open the **Excel file.** The spreadsheet can be manipulated using the standard statistical and data sorting tools found in Excel.



Step 10 – To view the trip either use the 'play' button to replay the trip or click on the line item in the window below. Speed through the playback faster or slower using the toggle.



The vehicle colours:

- Red = early
- Green = on time
- Blue = late

Glossary of Trip Playback Report terms

٩			Eve	nt filter	(33/33)	• 761,	/761																			
		Passengers	Block	Line	Duty	Driver	Destination	Journey	Index in journey	Journey status	Stop	Distance	Deviation	Stay time	System time	Vehicle time	Sequence number	Valid flags, realtime	Valid flags, statistics	Event	Sign control	Event seq. no.	Speed (km/h)	Latitude	Longitude	Passe
1	÷.								:	3 Started	New Engl	895	00:01:55		7:40:00 AM	7:40:00 AM	13483	ок	ок	Time		18228	0 km/h	-31.03308	151.06331	^
1										3 Started	New Engl	895	00:01:59		7:40:05 AM	7:40:05 AM	13484	ок	ок	Door		18229	0 km/h	-31.03309	151.06331	
1									:	Started	New Engl	895	00:01:59		7:40:05 AM	7:40:05 AM	13485	ок	ок	Unex		18230	0 km/h	-31.03309	151.06331	
			_		_											_					_					

Label	Contains
Vehicle	Vehicle number e.g., 1723MO or 9862MO
Vehicle status	• at a stop, doors opening, etc
Passengers	▲ 10 承 3 ★ 0 - 10 passengers currently onboard, three embarked, zero disembarked
Block	Block associated with this trip e.g. AM33 or PM677
Line	Line associated with this trip e.g. S1010 ACME Bus and Coach
Duty	Duty associated with this trip e.g. AM33 or PM677
Driver	Name of driver who logged into the Driver Console
Destination	Trip destination
Journey	Journey ID e.g. 1005698 South head
Journey status	Status of journey: Between (travelling to the start point) Started (after arriving at start point) Ended (after arriving at end point)
Stop	Stop point on the route
Distance	Vehicle Event/distance to the stop when the vehicle report was sent.
Deviation	Deviation from scheduled trip timing
Stay time	Stay time at the stop. The stay time (at the stop) is measured from the first door opening inside the stop area to the time the vehicle starts rolling the last time before it leaves the stop area.
System time	Time the message was received from the vehicle, according to the central system clock.

Vehicle time	Time the message was sent by the vehicle, according to the vehicle system clock.
Event	Actions including door open, door close, passenger counter triggered, stop point
	pass-by, and more
Sign Control	How the vehicle signs were controlled
Event	Sequence number for the information in the Event and Sign control columns
sequence	
Speed (km/h)	The speed reported by the vehicle
Latitude	Latitude position (GPS)
Longitude	Longitude position (GPS)
Passengers	Information about the passenger report validity and trigger - what event triggered
data	sending the report.

Who do I contact if I have more questions?

If you have any questions or concerns please email the TCB Program via

TCB.team@transport.nsw.gov.au or <u>log a ticket via OT Connect</u>.