Transport Connected Bus Program

Quick Reference Guide (QRG)

Generate a Trip Playback Report in Traffic Studio v0.1

Contents

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.

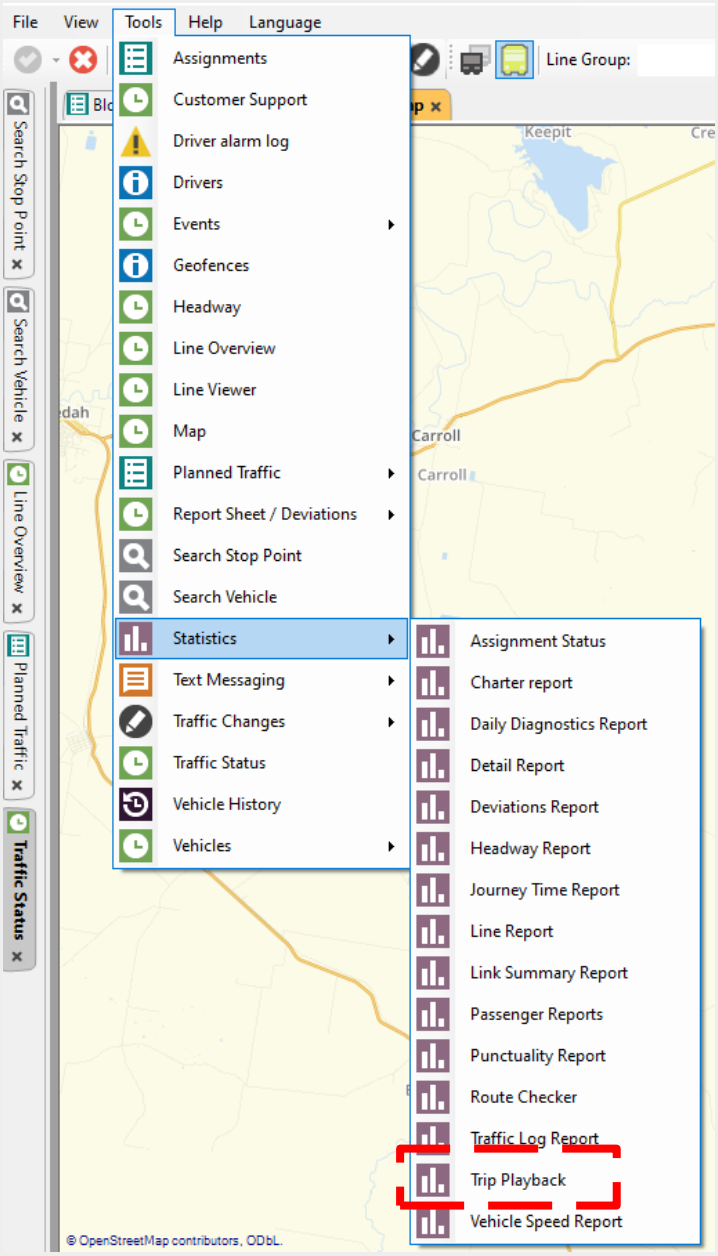
Bus Operators and Contract Managers require detailed information of planned vs actual route data, which is found via a Trip Playback Report.

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.

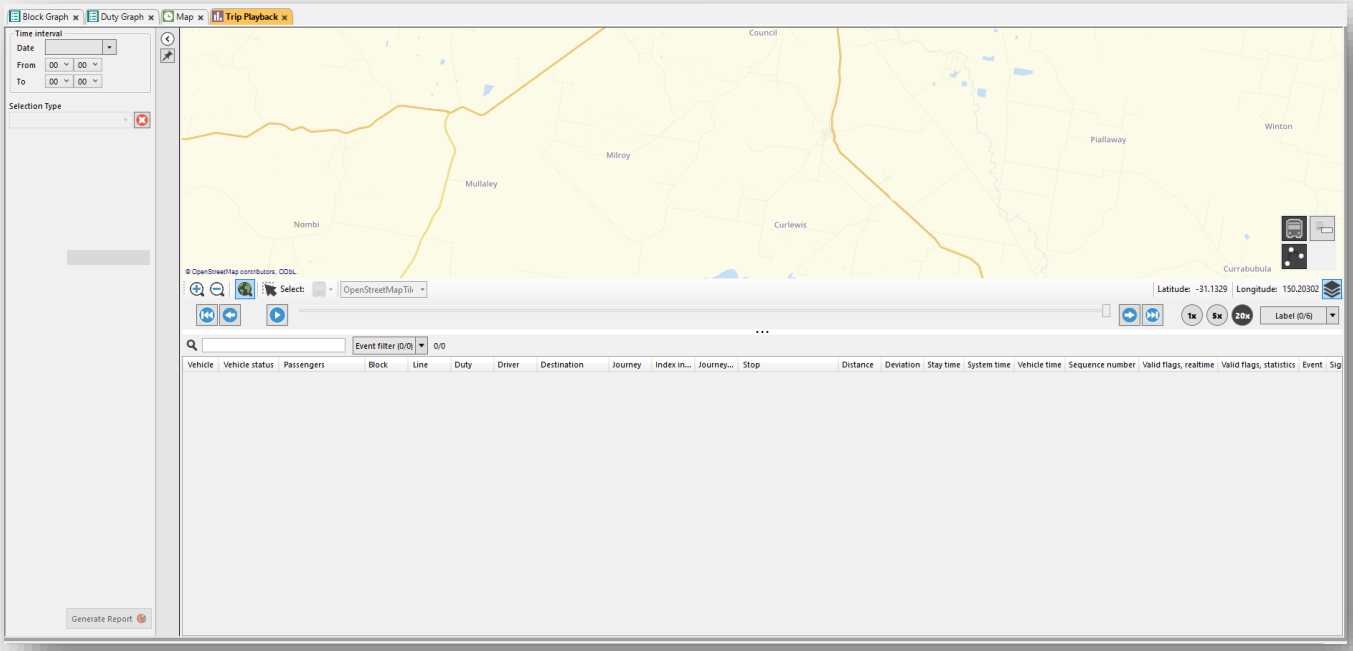
How to Generate a Report

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

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



The **Trip Playback Report screen** appears.

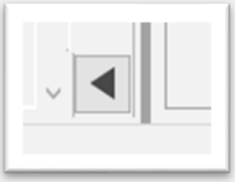


Note: The Trip Playback Report screen is divided into two sections. **The left window is where you define your parameters** for the report you require, and **on the right is where the report will appear**.

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

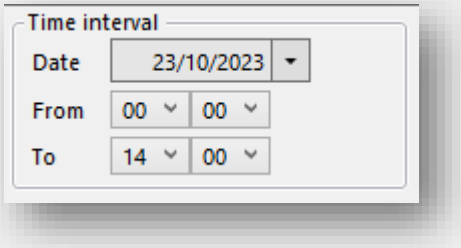
Click the **black arrow** in the Left Tool Window to minimise the window, click the **black arrow** in the Bottom Tool Window to minimise it.
This can be adapted as a standard procedure for using any of the reports in Traffic Studio.



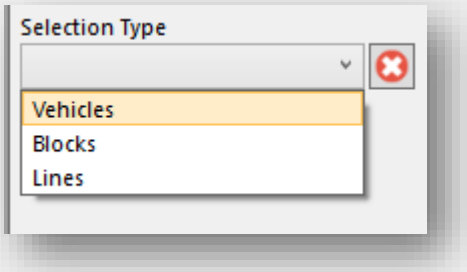
Note: Those black arrows will remain visible on your screen.

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

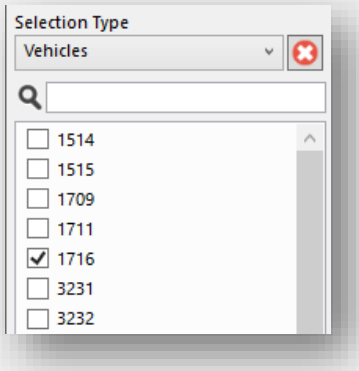
Step 2 – Select the **Time interval** for your report.



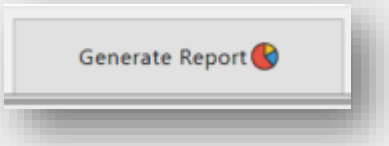
Step 3 – Select either **Vehicles, Blocks,** or **Lines**.



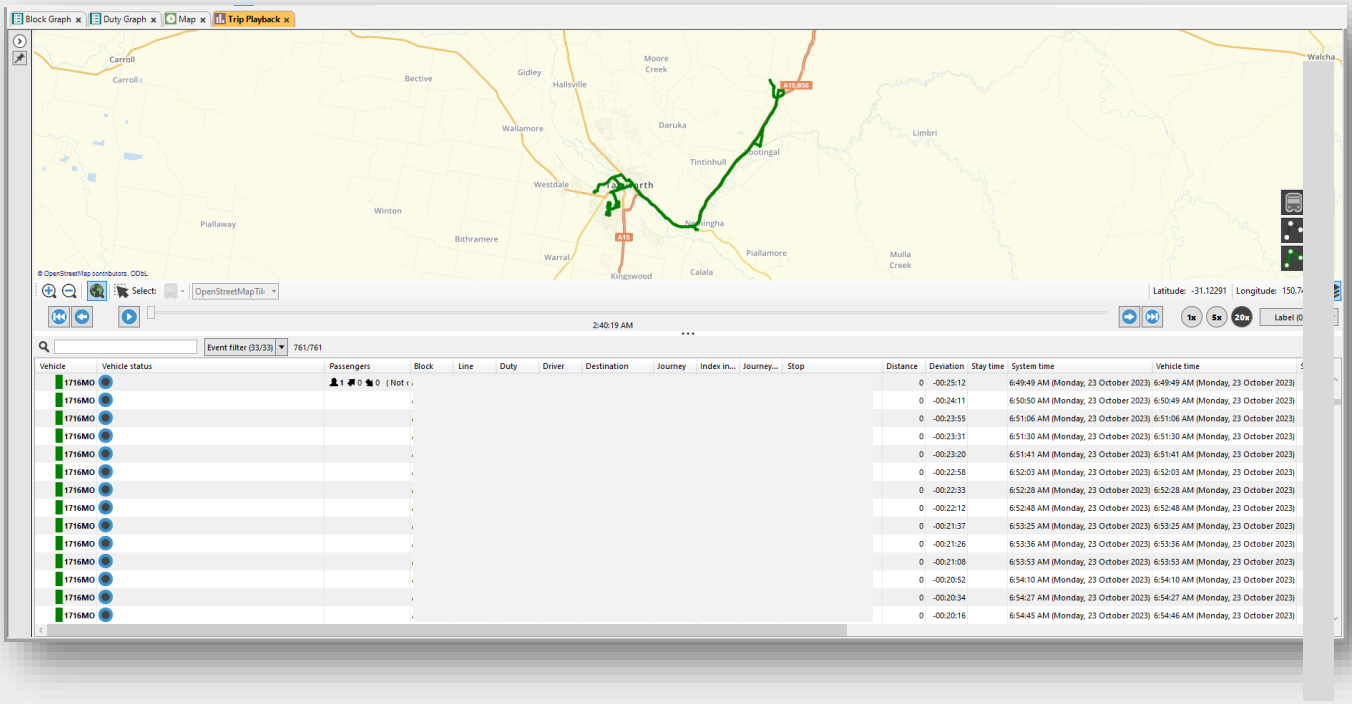
Step 4 – Select the vehicle, block or line.



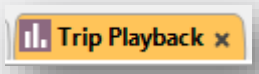
Step 5 - Click **Generate Report** to generate the report.



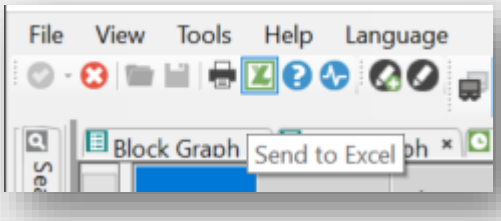
Step 6 - The report now appears.



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

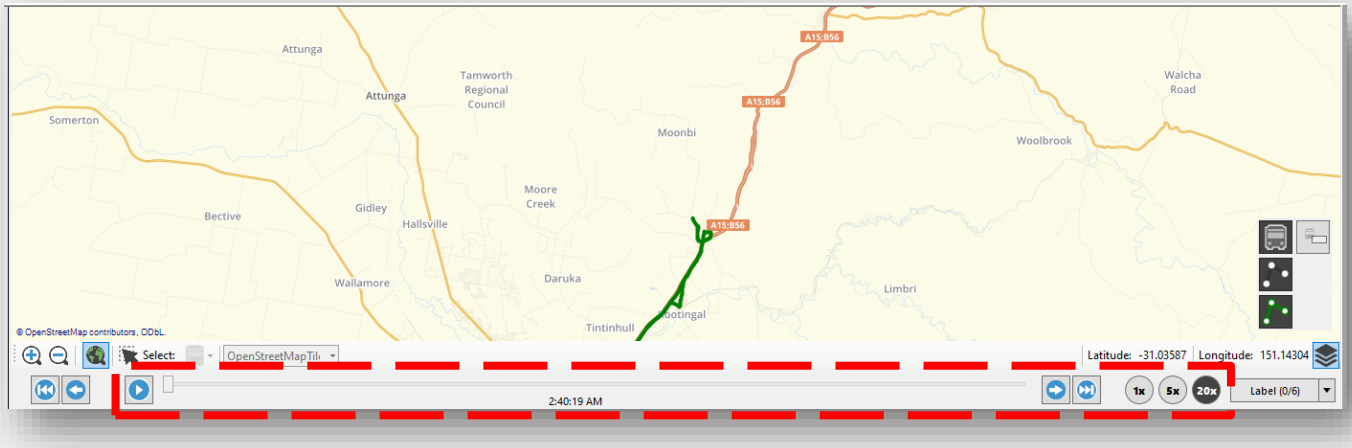


Step 7 - If you wish to keep and perform statistical analysis of the data, click the **Send to Excel button** in the function bar.

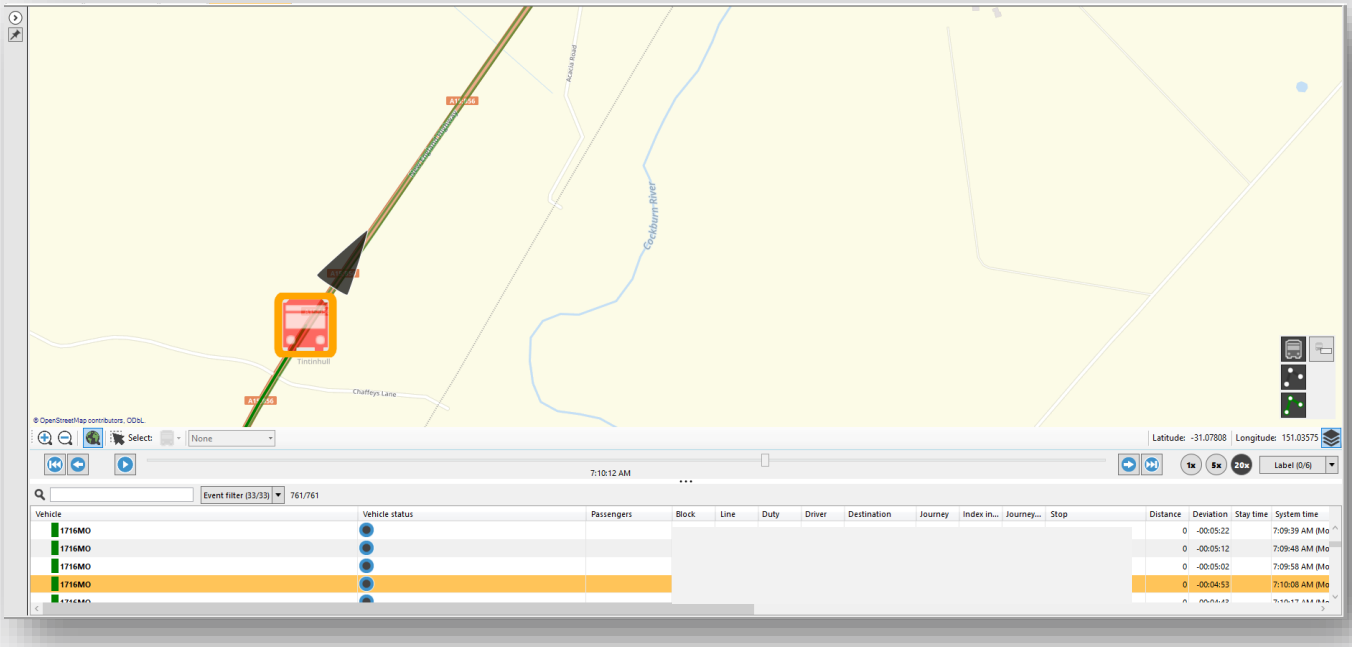


Step 8 – Choose **where** to save your file.

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



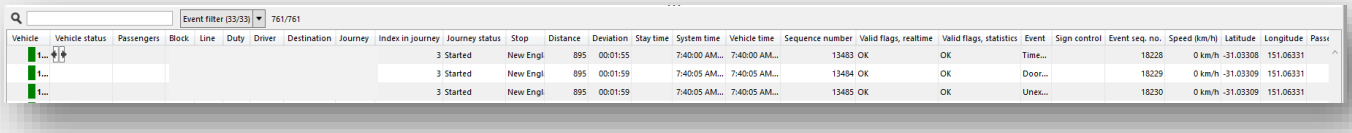
Step 10 – To view the trip either use the 'play' button to replay the trip or click on the line item in the window below. Speed through the playback faster or slower using the toggle.



The vehicle colours:

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

Glossary of Trip Playback Report terms



Label	Contains
Vehicle	Vehicle number e.g., 1723MO or 9862MO
Vehicle status	 - at a stop, doors opening, etc
Passengers	 - 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	Sequence number for the information in the Event and Sign control columns
Speed (km/h)	The speed reported by the vehicle
Latitude	Latitude position (GPS)
Longitude	Longitude position (GPS)
Passengers data	Information about the passenger report validity and trigger - what event triggered 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 log a ticket via OT Connect.