

AT HOP Rail Travel Report – Total Monthly Network Capacity and Patronage

Recommendation(s)

That the Board:

- i. Receive the report.

Purpose

This report is to update the Board on progress with information development following the rollout of the AT HOP card.

Background

Following the rollout of the AT HOP card over the rail network, AT staff have been working on quantifying the capacity and patronage of the rail network by service and by line, for:

- The peak hour;
- The peak periods;
- Inter-peak periods; and
- The whole day.

An initial analysis of the capacity and patronage of the rail network has been completed. Attachment 1 provides graphical representation of that analysis for the month of October 2013.

Key Issues

Sources of data:

All patronage shown in the graphs includes AT HOP card Tag-Ons and paper tickets purchased in the Thales system for the rail network. Boardings resulting from transport included in the purchase price of a ticket for a special event, and fare evasion, are not included.

Key points relating to the interpretation of the data:

Each bar along the horizontal axis represents all boardings which took place within the hour shown; for example 07:00 represents boardings between 07:00-07:59.

The dots in each of the capacity line graphs represent the capacity on all services departing within the hour shown.

The red line graphs indicate the peak number of passengers across all time periods.

It is important to note that the graphs represent the capacity and patronage of services travelling in both directions – peak-flow and contra-peak flow. Once we have the data by direction, we will be able to assess the level of spare capacity by direction.

Next steps

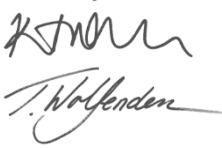
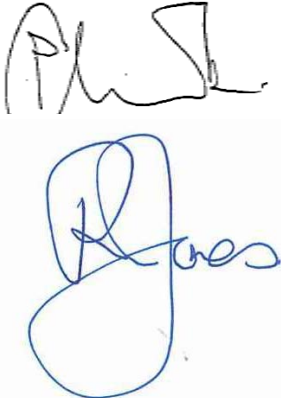

Staff are currently developing the capacity and patronage information on the rail network by direction, line, and service. It is expected that that information will be available for the Board's consideration at its February 2014 meeting, and all monthly board meetings thereafter.

The same information will be available for bus services as the AT HOP card is rolled out over the bus network. This information will be used to support initiatives to improve public transport patronage growth.

Attachments

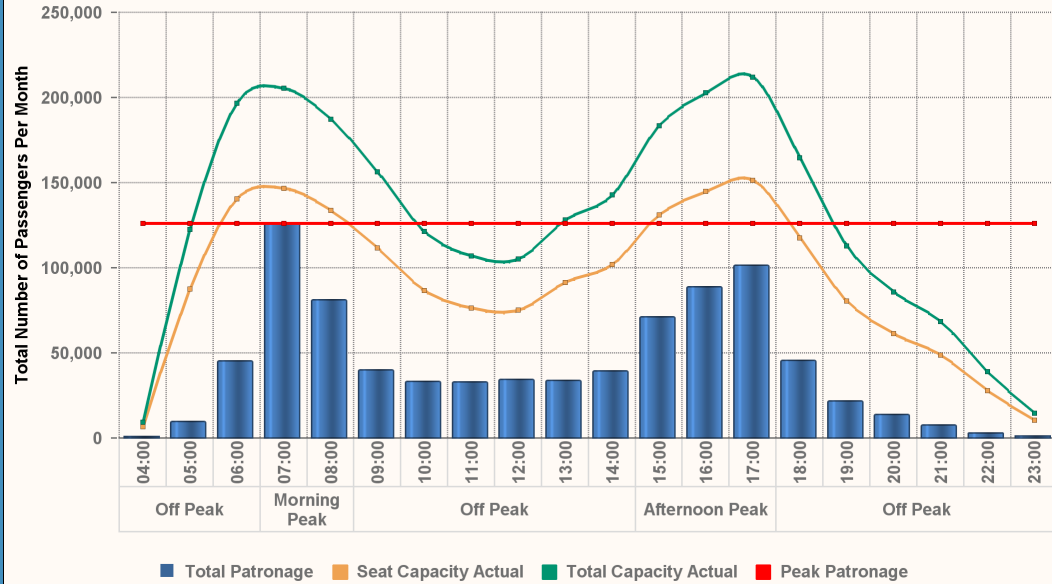
Number	Description
1	Four graphs detailing the capacity and patronage of the whole rail network for October 2013 broken down by: <ol style="list-style-type: none"> i. Monthly total of capacity and patronage for weekdays; ii. Monthly total of capacity and patronage for weekends and public holidays; iii. Monthly average of capacity and patronage for weekdays; and iv. Monthly average of capacity and patronage for weekends and public holidays.

Document ownership

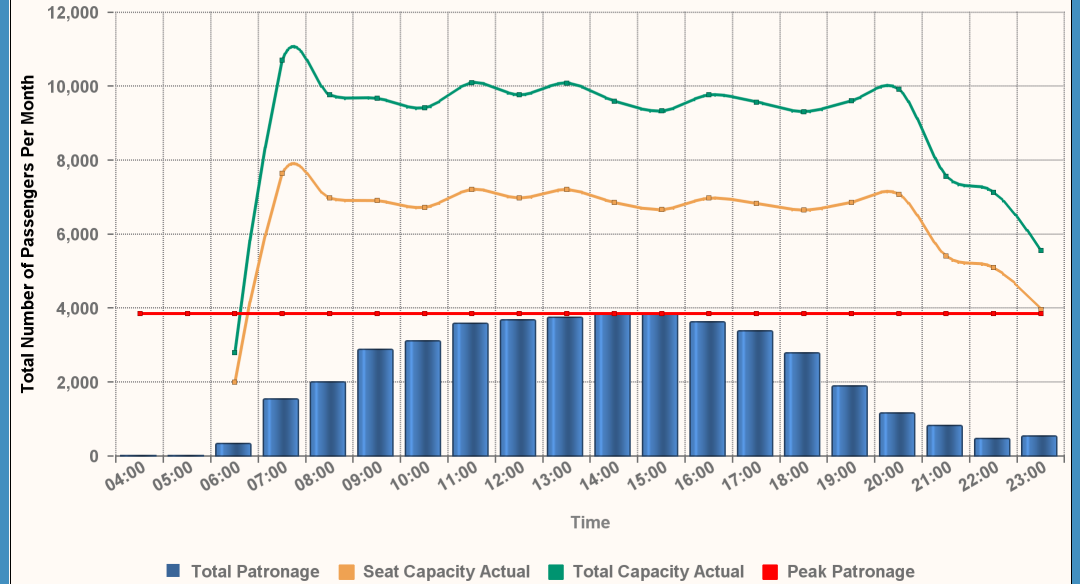
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	Peter Clark General Manager, Strategy & Planning Roger Jones General Manager, Business Technology	
Approved for submission	David Warburton Chief Executive	

AT HOP Rail Travel Report - Total Network Capacity v Patronage for : 1/10/2013 to 31/10/2013

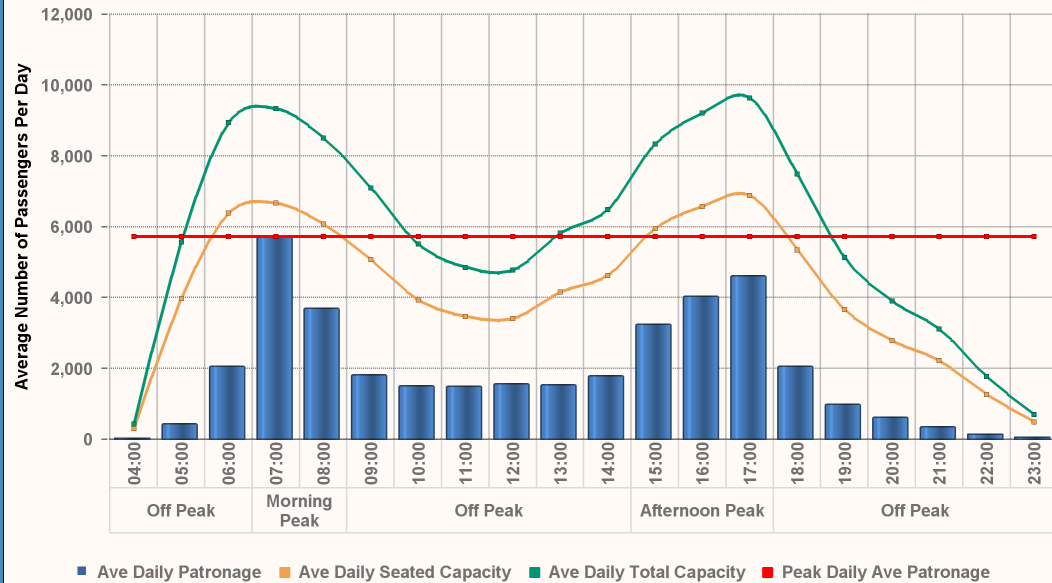
Monthly Total of Weekdays



Monthly Total of Weekends and Public Holidays



Monthly Weekday Average



Monthly Weekend and Public Holiday Average

