

Duty Terminal Stops

Work-flow to Use Duty Terminal Stops

Use **Load Template** to set up the preference. Only one instance of this preference may be used. Two templates are available, one of which is an extension of the other.

Preference Overview

This preference defines the way in which relief vehicles are used to transport drivers to and from duties.

There are several underlying items that need to be defined for this preference to be effective:

- » Stops at which a driver may start and end his duty
- » Stops at which a driver may start and finish a split break

Further it must be determined whether start and end stops be at the same depot or whether should they be defined in a list of specific start and end stops.

Templates Available from Optibus

Table 1-1: Templates Summary

Template Name	Purpose	Reference
Duty terminal stops	Sets up relief vehicle parameters. A relief vehicle may also be another fleet vehicle (as distinct from a taxi or any other third part shuttle transport). Using a fleet vehicle as a relief vehicle, is a deadhead.	Duty terminal stops
Relief Vehicles	This template differs from the previous one in not having the last field, Use vehicles as relief vehicles .	Relief Vehicles

Duty terminal stops

Purpose:

Sets up relief vehicle parameters. A relief vehicle may also be another fleet vehicle (as distinct from a taxi or any other third part shuttle transport). Using a fleet vehicle as a relief vehicle, is a deadhead.

Prerequisites:

- » You must set the driver terminal and split stop groups It is done in Expert Mode in consultation with Optibus Professional Services and requires at least one list of Stop Groups to be set in the [Stop Groups](#) preference. (You can use the latter preference to

create several named stop groups. For example you can create stop groups for "Start Duty", "End Duty", "Start Split", "End Split" and so on.)

- » If you require start and end duty stops to be at the same depot, then enable Vehicle depot circularity in the [Depot Vehicle Allocation](#) preference

Opening Dialog:

Duty terminal stops

Expert

Template Parameters

Use relief vehicle for split ☐ No ☒ Yes

Use relief vehicle for duty ☐ No ☒ Yes

Average shuttle wait time

Penalty factor

Use vehicles as relief vehicles

Points to note:

- » **Use relief vehicle for split:** Setting this to Yes means that a driver may travel as a passenger in a relief vehicle from the end point of the first duty piece to his split location or from the split location to the first stop of his second duty piece
- » **Use relief vehicle for duty:** Setting this to Yes means that a driver may travel as a passenger on a relief vehicle from his duty start point to the actual location of the vehicle for his duty or to his duty end point from where he left the vehicle
- » **Average shuttle wait time:** This is a fixed cost in work hours paid for each use of a shuttle vehicle
- » **Penalty factor:** This is a factor that multiplies the taxi relief vehicle's distance. It is a penalty for using a taxi.
- » **Use vehicles as relief vehicles:** This allows conversion of relief trips to deadheads. it does this by imposing a penalty. The higher the penalty, the greater the preference to use a deadhead as the means of a relief trip
- » There may be only one instance of this preference

Relief Vehicles

Purpose:

This template differs from the previous one in not having the last field, **Use vehicles as relief vehicles**.

Prerequisites: The same as the previous template

Opening Dialog:

Relief Vehicles

Save as template

Expert

Template Parameters

Use relief vehicle for split ☐ No ☒ Yes

Use relief vehicle for duty ☐ No ☒ Yes

Average shuttle wait time 00:15

Penalty factor 1

Points to note:

This version of the template does not allow conversion of the relief trip to a deadhead.