

Relief Point

Work-flow to Use Relief Point

- » Use **Load Template** to set up the preference for several conditions
- » Repeat **Load Template** for additional instances of any template

Preference Overview

This preference sets stops eligible for use as driver changeover points. In addition, any stops within a specified radius of a relief point may also be used as a relief point.

Templates Available from Optibus

Three pairs of templates are supplied. The difference between the two items in each pair is that one is a constraint and the second is preference with a penalty.

Table 1-1: Templates Summary

Template	Type	Purpose	Reference
Relief Point - by route	Preference	Set a relief point stop group for a specific route. A distance threshold is also defined.	Relief Point Preference - by route
	Constraint		Relief Point Constraint - by route
Relief Point - by route group	Preference	Set a relief point stop group for a specific group of routes. A distance threshold is also defined.	Relief Point Preference - by route group
	Constraint		Relief Point Constraint - by route group
Relief Point	Preference	Set a relief point stop group. A distance threshold is also defined.	Relief Point Preference
	Constraint		Relief Point Constraint

Relief Point Preference - by route

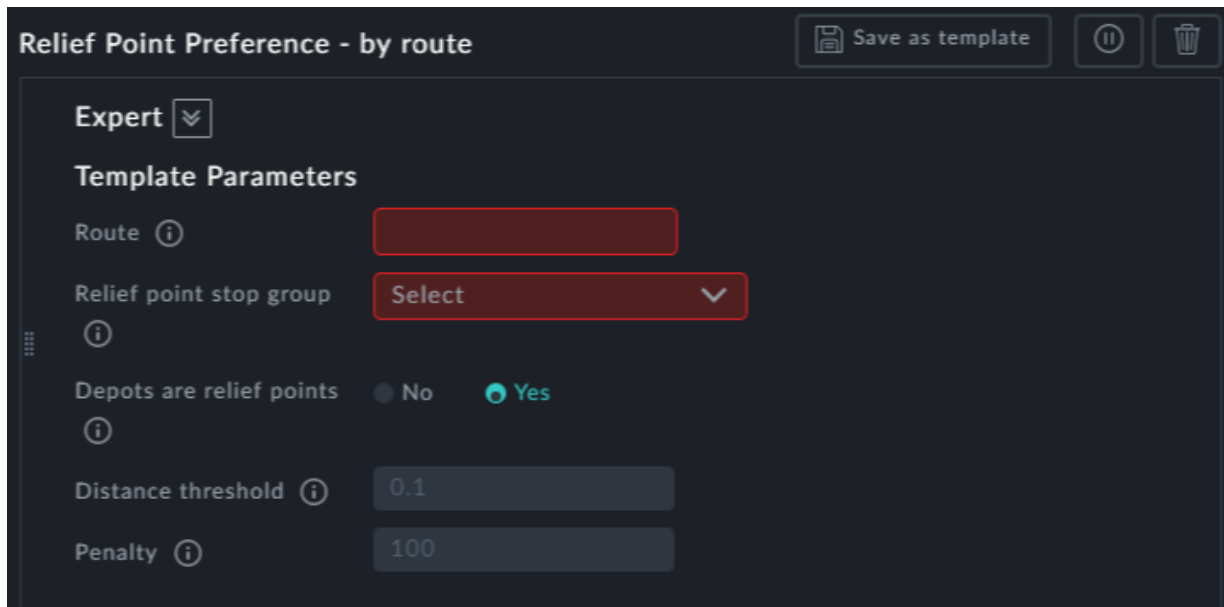
Purpose:

Set a relief point stop group for a specific route. A distance threshold is also defined.

Prerequisites:

You should have already defined your stop groups. See Miscellaneous Preferences, [Stop Groups](#).

Opening Dialog:



Points to note:

- » **Route:** Route sign is a mandatory field
- » **Relief point stop group:** This is a mandatory field. You may choose from a dropdown list of your stop groups:



- » **Depots are relief points:** Set this to Yes if you want Depots to also be relief points.
- » **Distance threshold:** Any stops within the specified radius of a relief point may also be used as a relief point. Specify the radius here.
- » **Penalty:** Preferring the relief stops carries a penalty
- » Use **Load Template** to create additional instances

Relief Point Constraint - by route

Purpose:

This instance is the same as [Relief Point Preference - by route](#) but without a penalty field - it is a constraint.

Relief Point Preference - by route group

Purpose:

Set a relief point stop group for a specific group of routes. A distance threshold is also defined.

Prerequisites:

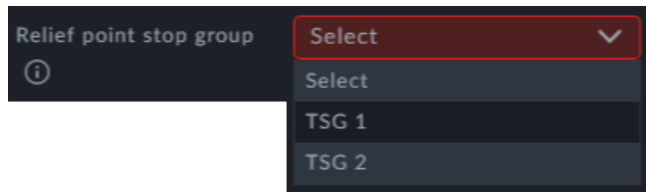
- » You should have already defined your stop groups. See Miscellaneous Preferences, [Stop Groups](#).
- » You should have already defined your route groups. See Miscellaneous Preferences, [Route Groups](#).

Opening Dialog:

Points to note:

- » **Route group** : Route sign is a mandatory field. You may choose from a dropdown list of your route groups:

- » **Relief point stop group**: This is a mandatory field. You may choose from a dropdown list of your stop groups:



- » **Depots are relief points:** Set this to Yes if you want Depots to also be relief points.
- » **Distance threshold:** Any stops within the specified radius of a relief point may also be used as a relief point. Specify the radius here.
- » **Penalty:** Preferring the relief stops carries a penalty
- » Use **Load Template** to create additional instances

Relief Point Constraint - by route group

Purpose:

This instance is the same as **Relief Point Preference - by route group** but without a penalty field - it is a constraint.

Relief Point Preference

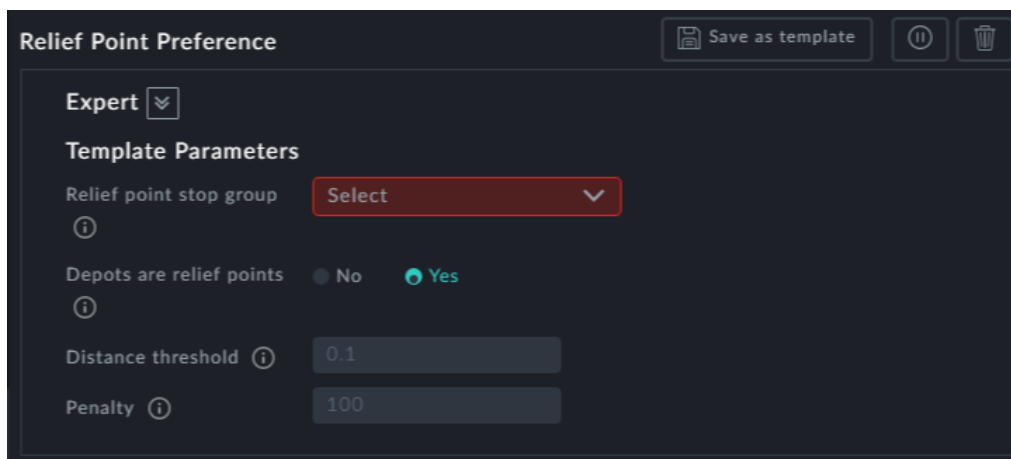
Purpose:

Set a relief point stop group. A distance threshold is also defined.

Prerequisites:

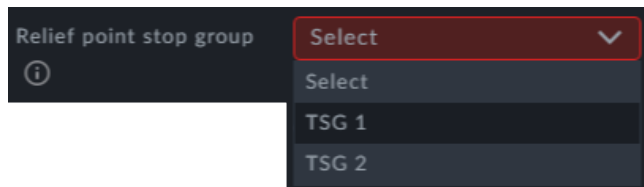
You should have already defined your stop groups. See Miscellaneous Preferences, [Stop Groups](#).

Opening Dialog:

The image shows a 'Relief Point Preference' dialog box with a dark theme. At the top right, there are three buttons: 'Save as template', a pause icon, and a trash icon. Below the title bar, there is a section labeled 'Expert' with a dropdown arrow. Underneath is the 'Template Parameters' section. It contains four fields: 'Relief point stop group' with a dropdown menu showing 'Select'; 'Depots are relief points' with radio buttons for 'No' and 'Yes' (where 'Yes' is selected); 'Distance threshold' with a text input field containing '0.1'; and 'Penalty' with a text input field containing '100'. Each field has an information icon (i) to its left.

Points to note:

- » **Relief point stop group:** This is a mandatory field. You may choose from a dropdown list of your stop groups:

The image shows a close-up of the 'Relief point stop group' dropdown menu. The menu is open, showing the 'Select' option at the top, followed by 'TSG 1' and 'TSG 2'. The dropdown has a red border and a downward arrow icon.

- » **Depots are relief points:** Set this to Yes if you want Depots to also be relief points.
- » **Distance threshold:** Any stops within the specified radius of a relief point may also be used as a relief point. Specify the radius here.
- » **Penalty:** Preferring the relief stops carries a penalty
- » Use **Load Template** to create additional instances

Relief Point Constraint

Purpose:

This instance is the same as [Relief Point Preference](#) but without a penalty field - it is a constraint.