

## Recommendation(s) Status: Derailment of a tram at Pomona, Manchester

This report is based on information provided to the RAIB by the relevant safety authority or public body.

The status of implementation of the recommendations, as reported to us, has been divided into six categories:

### Key to Recommendation Status

<b>Implemented:</b>	All actions to deliver the recommendation have been completed.
<b>Implemented by alternative means:</b>	The intent of the recommendation has been satisfied in a way that was not identified by the RAIB during the investigation.
<b>Implementation ongoing:</b>	Work to deliver the intent of the recommendation has been agreed and is in the process of being delivered.
<b>In-progress:</b>	The relevant safety authority has yet to be satisfied that an appropriate plan, with timescales, is in place to implement the recommendation; and work is in progress to provide this.
<b>Non-implementation:</b>	Regulation 12(2)(b)(iii) = recommendation considered and no implementation action to be taken.
<b>Awaiting response:</b>	Awaiting initial report from the relevant safety authority or public body on the status of the recommendation.

RAIB concerns on actions taken by organisations in response to recommendations are reflected in this report and are indicated by one of the following:

-  The red triangle shows recommendations where the RAIB has concerns that no actions have been taken in response to a recommendation.
-  The blue triangle shows recommendations where the RAIB has concerns that the actions taken, or proposed, are inappropriate or insufficient to address the risk identified during the investigation.
-  The white triangle shows recommendations where the RAIB notes substantive actions have been reported, but the RAIB still has concerns.

Note: The tables which follow, report the status of recommendations on 31 December 2015. In some other cases the end implementer has already sent information to the relevant safety authority about the actions it has taken, or proposes to take and the safety authority is considering whether it is satisfied that those actions and the associated timescales are accepted.

Number/ Date/ Report No/ Inv Title / Current Status	Safety Recommendation	Summary of current status (based on latest report from the relevant safety authority or public body)
1            17/01/2007    09/2008 Derailment of a tram at Pomona, Manchester Status: Implemented	GMPTE should put in place procedures to enable them to review the audits carried out by their operating contractor, to satisfy themselves that their contractor's internal audit regime and safety management system are being complied with (paragraph 101).	GMPTE has reported that it has taken actions in response to this recommendation. ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate.
2            17/01/2007    09/2008 Derailment of a tram at Pomona, Manchester Status: Implemented	GMPTE should review, and if found necessary amend, their contractual arrangements for the Metrolink operation to ensure that essential repairs cannot be deferred for contractual reasons (paragraph 100).	GMPTE has reported that it has taken actions in response to this recommendation. The subsequent derailment at St. Peter's Square on 29 June 2008 indicates that there are still safety concerns related to the management of track assets. ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate.
3            17/01/2007    09/2008 Derailment of a tram at Pomona, Manchester Status: Implemented	Stagecoach Metrolink should review, and if necessary amend, their Safety Management System so as to require formal approval by a professional head of any derogation to a safety critical standard (paragraph 98 and 99).	Stagecoach Metrolink has reported that it has taken actions in response to this recommendation. ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate.
4            17/01/2007    09/2008 Derailment of a tram at Pomona, Manchester Status: Implemented	GMPTE, jointly with Stagecoach Metrolink, should investigate alternative locations for the safety equipment in Metrolink trams such that it is more accessible when the tram is fully loaded. If it is reasonably practicable, the emergency equipment should be relocated (paragraph 104).	GMPTE and Stagecoach Metrolink have reported that they have taken actions in response to this recommendation. ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate.
5            17/01/2007    09/2008 Derailment of a tram at Pomona, Manchester Status: Implemented	GMPTE, jointly with Stagecoach Metrolink, should investigate, and if reasonably practicable implement, changes to the door operating system to allow the driver to open the front set of doors on either side of the tram (paragraph 105).	GMPTE and Stagecoach Metrolink have reported that they have taken actions in response to this recommendation. ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate.