

Recommendation(s) Status: Tram collision at Soho Benson Road, Midland Metro

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

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| Implemented: | All actions to deliver the recommendation have been completed. |
| Implemented by alternative means: | The intent of the recommendation has been satisfied in a way that was not identified by the RAIB during the investigation. |
| Implementation ongoing: | Work to deliver the intent of the recommendation has been agreed and is in the process of being delivered. |
| In-progress: | 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. |
| Non-implementation: | Regulation 12(2)(b)(iii) = recommendation considered and no implementation action to be taken. |
| Awaiting response: | 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) |
|---|---|---|
| <p>1 19/12/2006 17/2007</p> <p>Tram collision at Soho Benson Road, Midland Metro</p> <p>Status: Implemented</p> | <p>TMM should: (i) modify the design of the tram sunblinds to ensure that, when deployed, they remain in position during tram operation; (ii) amend the maintenance regime to ensure that sunblind mechanisms remain fit for purpose over their working lives; and (iii) amend their procedures to ensure that fleet checks are carried out to a standard sufficient to correctly identify faults (Paragraph 101b).</p> | <p>TMM 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.</p> |
| <p>2 19/12/2006 17/2007</p> <p>Tram collision at Soho Benson Road, Midland Metro</p> <p>Status: Implemented</p> | <p>TMM should amend their procedure for tram failure to require the use of hazard warning lights immediately a tram is causing an obstruction (Paragraph 101c).</p> | <p>TMM 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.</p> |
| <p>3 19/12/2006 17/2007</p> <p>Tram collision at Soho Benson Road, Midland Metro</p> <p>Status: Implemented</p> | <p>TMM should conduct a risk assessment into their off-street operation to identify improvements that could be made in the identification of and response to unexpected hazards, including obstructions on the tramway (Paragraph 74).</p> | <p>TMM 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.</p> |