

## Recommendation(s) Status: Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe

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            08/11/2005    09/2006 Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe Status: Implemented	Serco Metrolink should put in place a system to monitor and audit safe system of work arrangements to ensure their adequacy (paragraph 54).	Serco 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.
2            08/11/2005    09/2006 Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe Status: Implemented	Serco Metrolink should put in place risk assessments for all permanent way repair tasks and should consider the difference in risk when tasks are executed in street and segregated sections (paragraph 60).	Serco 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.
3            08/11/2005    09/2006 Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe Status: Implemented	Serco Metrolink should put in place a system to ensure that the control room is advised prior to Permanent Way staff working in segregated sections (Paragraph 61).	Serco 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            08/11/2005    09/2006 Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe Status: Implemented	Serco Metrolink should put in place a structured and formalised system for the mentoring and supervision of all persons carrying out PIC duties (paragraph 65).	Serco 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.
5            08/11/2005    09/2006 Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe Status: Implemented	Serco Metrolink should put in place a system of monitoring and auditing to provide assurance that working practices outside Serco Metrolink procedures and Rule Book requirements are not employed (paragraph 66).	Serco 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.
6            08/11/2005    09/2006 Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe Status: Implemented	Serco Metrolink should put in place a single source of documented information on system hazards to aid the planning of safe systems of work (paragraph 67).	Serco 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.

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<p>7            08/11/2005    09/2006</p> <p>Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe</p> <p>Status: Implemented</p>	<p>Serco Metrolink should put in place a board level supervisory system to ensure that the rule book and its supporting procedures are continually improved to (i) remove inaccuracies and anomalies and (ii) incorporate the developments of best practice elsewhere in the industry (paragraph 69).</p>	<p>Serco 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.</p>
<p>8            08/11/2005    09/2006</p> <p>Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe</p> <p>Status: Implemented</p>	<p>Serco Metrolink should ensure that safety critical communications are effectively executed and understood by all when staff on or about the railway system contact the control room (paragraph 70).</p>	<p>Serco 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.</p>
<p>9            08/11/2005    09/2006</p> <p>Near miss of two track persons by a tram on Manchester Metrolink, Radcliffe</p> <p>Status: Implemented</p>	<p>Serco Metrolink should ensure that at all times the control room is staffed by suitably qualified personnel who can ascertain the severity of a reported incident and confirm its resolution before normal operation is resumed (paragraph 72).</p>	<p>Serco 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.</p>