

## Recommendation(s) Status: Derailment at Starr Gate, Blackpool

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)
<p>1            30/05/2006    15/2007</p> <p>Derailment at Starr Gate, Blackpool</p> <p>Status: Implemented</p>	<p>BTS, in association with Tram Power and BBC, should undertake an assessment of operational and derailment behaviour of tram 611 in order to identify the mitigation measures necessary to allow its safe operation on the Blackpool Tramway. In conducting this assessment consideration should be given to the combined influence of the tram design (including the configuration of the running gear), operating parameters and the track design and maintenance (including rail head profiles).</p>	<p>Blackpool Transport Services 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            30/05/2006    15/2007</p> <p>Derailment at Starr Gate, Blackpool</p> <p>Status: Implemented</p>	<p>BBC should take measures to control the pattern of wear on the rail gauge face throughout the Blackpool Tramway. This should include the definition of quantitative limits and guidance for the management of rail sidewear in the relevant track maintenance procedures and documentation.</p>	<p>Blackpool Transport Services 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>