## Recommendation(s) Status: Class investigation into irregularities with protection arrangements during infrastucture engineering work

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 eight categories:

## **Key to Recommendation Status**

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.		
Insufficient response:	The end implementer has failed to provide a response; or has provided a response that does not adequately satisfy ORR that sufficient action is being taken to properly consider and address a recommendation.		
Progressing:	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.		
Other Public Body or Authority	The recommendation is also addressed to another public body or authority.		
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.

	Date/ Report No/ Current Status	Safety Recommendation	Summary of current status (based on ORR's report to RAIB)
protection	17/12/2012 14/2015 estigation into irregularities with arrangements vaiting response	The intent of this recommendation is that Network Rail should implement its post-implementation review in such a way as to monitor and assess the impact of its planning and delivering safe work initiative.  Network Rail should ensure that its post-implementation review of the planning and delivering safe work initiative includes the collection of information on events that are indicative of irregular working during infrastructure engineering work. It should then review this information to verify that the initiative has yielded the benefits intended and, if not, to identify and implement measures to remedy this.	ORR has reported that the Network Rail has not provided a response, or the response does not adequately satisfy the ORR that sufficient action is being taken to address the recommendation. ORR is not content with duty-holder response, further engagement ongoing / proposed.
protection	17/12/2012 14/2015 estigation into irregularities with arrangements vaiting response	The intent of this recommendation is that Network Rail should reduce the risk of engineering protection irregularities associated with railway roles that are not currently being considered as part of the planning and delivering safe work initiative.  Network Rail should develop an action plan to reduce the risk of irregular application of engineering protection arrangements by railway roles that are outside the scope of the current planning and delivering safe work initiative (for instance signallers, persons in charge of the possession and electrical control operators). As a minimum, consideration should be given to ways of reducing the likelihood of:  I protection being set up when lines are open to traffic;  I errors when arranging for work to be carried out on or near electrical traction supply equipment;  I the signalling of trains into protected areas; and	ORR has reported that the Network Rail has not provided a response, or the response does not adequately satisfy the ORR that sufficient action is being taken to address the recommendation. ORR is not content with duty-holder response, further engagement ongoing / proposed.

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I irregularities involving the operation of level crossings within protected areas.