Dear Stakeholder,

Consultation on the following:

GMRT2130 Issue Five - Vehicle Fire Safety (draft 3)
RIS-2730-RST Issue One - Vehicle Fire Safety and Evacuation (draft 3)
GMRT2130 Issue Four - Vehicle Fire, Safety and Evacuation (withdrawn)
GMGN2630 Issue One - Guidance on Rail Vehicle Fire Safety (withdrawn)
GMRC2531 Issue One - Recommendations for Rail Vehicle Emergency Lighting (withdrawn)
GMRC2532 Issue One - Recommendations for Rail Vehicle Emergency and Safety Equipment (withdrawn)
GMRC2533 Issue One - Recommendations for Communication of Emergency and Safety Information (withdrawn)
GMRC2534 Issue One - Recommendations for Rail Vehicle Emergency Evacuation (withdrawn)

In accordance with the consultation process set out in the Railway Group Standards (RGS) Code, I attach the latest drafts of GMRT2130 Issue Five - Vehicle Fire Safety and RIS-2730-RST Issue One - Vehicle Fire Safety and Evacuation.

Background to Project 17-034:
The Technical Specification for Interoperability for Locomotives and Passenger Rolling Stock (LOC & PAS TSI 2014) contains a transition period during which alternative requirements to material fire safety requirements in EN 45545-2:2013 can be defined by EU member states in their notified national technical rules. The Railway Group Standard GMRT2130 and the British Standard BS 6853 are referenced in the TSI for this purpose, although BS 6853:1999 was withdrawn on 1st March 2016. The transition period ended on 1 January 2018, which means that GMRT2130 and BS6853 can no longer be used as valid alternatives to EN 45545-2:2013. However, EN 45545-2:2013 has well recognised inadequacies and RSSB has published guidance on a “Recommended approach for identifying valid fire testing requirements for vehicles” as an interim measure, which has been endorsed by ORR. Recently published EN 16989 addresses some of the inadequacies in EN 45545-2:2013, but GMRT2130 continues to reference BS 6853. RST SC has supported a request to change the standard highlighting some of the issues above; several deviations have been approved and amendments been published.

A review of GMRT2130 and its associated documents (GMRC2531, GMGN2630, GMRC2532, GMRC2533 and GMRC2543) was approved by RST SC in April 2018 (minutes 18/RST/04/106 to /111 refer). The review outcome was that GMRT2130 requires revision when EN 45545 and EN 16989 are adopted.

Additionally, as part of the review, there was an opportunity to explore potential requirements and guidance to support wider developments such as on-board storage of alternative fuels.

The objectives for this project were:

- Update GMRT2130 to remove references to withdrawn and superseded standards such as BS 6853
- Analyse and update GMRT2130 and supporting and complementary documents to reflect the current legislative framework and development in EU standards.
- Explore and develop where possible fire safety requirements for on-board storage of alternative fuels for propulsion
- Consider the recommendations from the RAIB’s investigation into the Twerton incident regarding signs and labels

The changes in the document should be brought to the attention of transport operators, maintainers, the Department for Transport and the ORR.

Revisions to the following documents are the subject of this consultation:

- GMRT2130 Issue Five - Vehicle Fire Safety
- RIS-2730-RST Issue One - Vehicle Fire Safety and Evacuation

Should you choose to comment on parts of the documents that are outside the scope of the project, your comments will be considered but might not be addressed as part of this change. The Standards Committee may choose to log your comment for a future revision, or suggest you submit a Proposal for Standards Change.
Please forward any comments you have on the documents using the form provided. The cut-off date for receipt of comments is **18 March 2020**. If I have not received any comments from you by that date, it will be considered a ‘nil return’.

Please note that your comments and personal information (name, job title and organisation) will be circulated to Standards Committees and other interested parties in the rail industry to assist any informed responses to your comments. Additionally, all consultation comments and your personal information will be published on RSSB’s website (www.consultation rssb.co.uk) unless you expressly request your name and job title remain confidential.

All comments received by the cut-off date will be responded to by RSSB. However, any comments received after **18 March 2020** might not receive a response.

Yours sincerely

Irene Maposa  
**Project Manager**  
Enc:  Case for Change  
      Draft documents  
      Comments sheet