

Summary of main changes – December 2011**GKRT0053 Control of Unwanted Voltages on Telecommunications Equipment at Stations (New)**

This document mandates the requirements for the control of unwanted voltages on telecommunications equipment at stations. GKRT0053 issue 1 supersedes GTTDINT100 issue 1, TDCAB018 issue 2 and TDINT023 issue 1.

GKGN0653 Guidance on Control of Unwanted Voltages on Telecommunications Equipment at Stations (New)

This document gives guidance on interpreting the requirements of Railway Group Standard GKRT0053, issue 1, Control of Unwanted Voltages on Telecommunications Equipment at Stations.

RIS-2705-RST Rail Industry Standard for Crippling and Release of Freight Wagons (New)

This document sets out requirements for crippling and release of freight wagons and replaces Freight Technical Committee Business Standard 009 (FTC/BS/009).

GORT3350 Communication of Urgent Operating Advice (Small Scale Change)

GORT3350 issue 5 replaces issue 4 (small scale change). The amendment is limited to the addition of non-mandatory Appendix A to provide guidance on section 2.2.1 of the standard. This document defines the requirements for reporting and disseminating urgent operating safety information arising from operating incidents, equipment defects and misunderstanding of operating rules, regulations or instructions.

GORT3451 Train Movement – Staff Suitability and Fitness Requirements (Small Scale Change)

GORT3451 issue 3 replaces issue 2 (small scale change). The amendments are to clarify who is covered by the requirement in sections 2.1 and 2.3, to change 'general medical examinations' to 'medical examinations' in section 2.1, to change the title of 2.1.2 from 'general medical examinations' to 'general health' and to update the definitions and references. This document mandates the traffic operation and management requirements for persons whose roles and responsibilities include train dispatch, shunting, train driving or travelling as a competent person with a train driver.

GORC3561 Recommendations for Train Movement – Staff Suitability and Fitness Requirements (Small Scale Change)

GORC3561 issue 4 replaces issue 3 (small scale change). The amendments are limited to:

- a) Addition of RC clauses to provide further clarification.
- b) Transfer of appendices B, C, D, E, F, G and I to GOGN3655.
- c) Withdrawal of appendix H.
- d) Updating definitions and references sections.
- e) Other minor wording improvements.

This document gives details of a recommended method which, if followed, would enable duty holders to meet the fitness requirements in Railway Group Standard GORT3451 'Train Movement – Staff Suitability and Fitness Requirements' for train movement staff.

GOGN3655 Guidance on Medical Fitness for Railway Safety Critical Workers (New)

GOGN3655 provides guidance for railway undertakings and infrastructure managers on medical fitness for railway safety critical workers and is intended to assist them in understanding their responsibilities in relation to medical fitness and how they may approach the setting of their own medical fitness criteria, where appropriate. Appendices in GORC3561 issue 3 were transferred to GOGN3655, except Appendix A (Visual acuity of train drivers) and Appendix H (Railway workers and diabetes - guidance for medical assessors). The wording has not changed in these appendices, except for the amendments to Appendix C (Hearing) as a result of research project T664 (Use of hearing aids by operational staff).

GCRT5021 Track System Requirements (New Issue)

This document mandates requirements for track geometry, track system, track components and switches and crossings (S&C) to provide for the safe guidance and support of rail vehicles.

Sections 2.5.9 and 2.7.2 are revised. This document contains 'open points' that is, requirements that have not yet been specified, but which are within scope of the document. Sections 3.2.2 and 3.2.5 are open points.

Appendices A, B, C, D, G and H are new.

GART6002 Group Standards Authorised Before 1 April 1994 – Translation of Roles and Terminology (Withdrawal)

GART6002 has ceased to be relevant. It has therefore been withdrawn in its entirety.

Infrastructure managers and railway undertakings will need to take no action as a result of its withdrawal.

GERT8001 Changes to National Periodical Operations Publications for December 2011 (New Issue)

This document is primarily used to publish minor changes to National Operations Publications. Included in this issue are amendments to GERT8000-AM issue 13 and GORM3056-B issue 2.

GERT8030 Requirements for the Train Protection and Warning System (TPWS) (New Issue)

This document has been up-issued to GERT8030 issue 4 to incorporate changes arising from proposals relating to power-up testing and in-service monitoring of TPWS trainborne equipment. Sound files for audible alerts have also been incorporated into this document. This document mandates the requirements for the Train Protection and Warning System (TPWS), the primary purpose of which is to minimise the consequence of a train passing a TPWS fitted signal at danger and a train overspeeding at certain other locations on Network Rail managed infrastructure. Additionally, it can be expected that TPWS will reduce the number of signals passed at danger (SPADs) at TPWS fitted signals.

GERT8071 Proceed-on-Sight Authorities (New Issue)

This document mandates the requirements for the degraded mode signalling facility, known as a Proceed-on-Sight Authority.

This document has been up-issued to GERT8071 issue 2 following completion of the filtering process that identifies that a number of measures are out of scope of the Railway Group Standard Code and therefore have been withdrawn.

GEGN8571 Guidance on Proceed-on-Sight Authorities (New Issue)

This document gives guidance on interpreting the requirements of Railway Group Standard GERT8071 issue 2, Proceed-on-Sight Authorities. It does not constitute a recommended method of meeting any set of mandatory requirements. GEGN8571 has been published to support GERT8071 issue 2.

GERT8106 Management of Safety Related Control, Command and Signalling (CCS) System Failures (Small Scale Change)

This standard mandates the requirements to ensure that information relating to safety related failures of the control, command and signalling (CCS) system is shared and made available to infrastructure managers and railway undertakings.

This small scale change updates the standard to include the contents of Table A.12 – Global System for Mobile Communications – Railway (GSM-R) failures. At the time of publication of GERT8106 issue 1 (in 2008) the GSM-R failure classifications information was not available. The information has now been identified. All other parts of the document are unchanged from the previous issue.

GERT8403 ERTMS Key Management (New)

This document mandates requirements for the management of cryptographic keys on the mainline railway to facilitate secure ERTMS data radio communication. ERTMS exchanges information between trackside equipment and trains and vice versa in the form of data messages. When radio is used for these data messages a secure connection is required, and corresponding keys must be available on either side of the connection.

GEGN8511 Guidance for Railway Undertakings on Track Safety (Withdrawal)

This document was approved for withdrawal as it contains guidance on competence (which is a single duty holder responsibility issue). The guidance on medical fitness standards provided by Appendix A was also withdrawn as it contains prescriptive requirements regarding hearing and medical periodicity that are different to those contained within GORT3451.

By withdrawing GEGN8511, thus removing these differences, the remaining standards (GORT3451, GORC3561 and GOGN3655) will provide greater clarity and flexibility and remove the potential for confusion.

GEGN8603 Guidance on ERTMS Key Management (New)

This document provides guidance on GERT8403 ERTMS Key Management, which mandates requirements for the management of cryptographic keys on the mainline railway to facilitate secure ERTMS data radio communication. ERTMS exchanges information between trackside equipment and trains and vice versa in the form of data messages. When radio is used for these data messages a secure connection is required, and corresponding keys must be available on either side of the connection.

TN005 Vehicles falling out of certification (Withdrawal)

This TN has been withdrawn under proposal 06/131 because of the re-issue of GMRT2453. For further information see impact assessment (11 IA11) section 2.3.

TN018 Overall Braking Performance (Retardation) Indicators (New Issue)

This TN has been up-issued due to the revision of GMRT2045, arising from a small scale change proposal 10/042. TN018 clarifies when the fitment of retardation rate indicators is required.

TN031 Brake Release and Application Timings (New Issue)

This TN has been up-issued due to small scale change proposal 10/042. TN031 provides guidance on reviewing brake release timings and application timings when reviewed during scrutiny for Design, Construction or Maintenance Conformance or Engineering Acceptance.

TN041 Registering the fitment of GSM-R to railway vehicles on the Rolling Stock Library (New Issue)

This TN has been re-issued against GMRT2000 issue 3 as a new requirement has been incorporated into GMRT2453 issue 2, Appendix B 1.11 under proposal 06/131. This Technical Note applies when needing to register the fitment of GSM-R to railway vehicles on the Rolling Stock Library (RSL) and provides advice on the timing of registration.

TN-index Index to Rolling Stock Assessment Technical Notes (New Issue)

The Technical Notes Index has been updated to reflect:

- The re-issue of TN018 and TN031 because of a small scale change to GMRT2045.
- The withdrawal of TN005 and re-issue of TN041 because of the re-issue of GMRT2453.

M&EE Poster 8 Leaf Fall Alert 2011 (New Issue)

This poster concerning driving techniques in the leaf fall season has been updated to remind industry of the importance of amending driving techniques to suit the conditions.

ATOCACOPEC01003 Approved Code of Practice – Supplier Accreditation Scheme (New)

This document provides a means by which the industry can consistently meet relevant obligations under applicable legislation and Rail Group Standards on the procurement of safety related materials and services. It applies to members of the ATOC/EC and their suppliers.

ATOCACOPEC01006 Approved Code of Practice – Inter-Company Rail Vehicle Engineering Change Process (New)

This document applies to all engineering change considered for rail vehicles or components, setting out process steps from inception through to completion. Providing guidance on the deployment of the processes defined in legislation, standards and other guidance notes.

ATOCACOPEC01007 Approved Code of Practice – The Elements of Management of Safety Critical Components on Trains (New)

Management of safety critical components within new, old or modified sub system. Key features of PADS, duties and responsibilities of holders of the 'Know-why' where engineering change of design to safety critical components may be necessary.

On-going changes from previous issues

GKRT0029 Train Activated Warning System (Withdrawal)

This standard defines the requirements for train activated warning systems to warn people on or near the line. Appendix A was previously superseded by GIRT7012 issue 1 and now the standard is completely withdrawn as it is out of scope in its entirety as the requirements are the responsibility of a single duty holder (infrastructure manager).

GKRT0036 Transitions Between Signalling Systems (New Issue)

This document mandates the requirements for managing the transition between running lines signalled with lineside signals conforming to Railway Group Standards, and lines signalled using other signalling principles.

This document has been re-issued to include only interface measures in accordance with the Railway Group Standards Code.

GKRT0075 Lineside Signal Spacing and Speed Signage (New Issue)

This document specifies the minimum distances that must be provided between the first cautionary aspect and the stop signal to which it applies. In addition, it addresses the signing from permissible speeds and speed restrictions.

This document contains requirements that are amended under the Railway Group Standards Code (issue 3) as a small scale change. Reference to the amended requirements is made in the 'Issue record'. All other parts of the document are unchanged from the previous issue.

GKGN0636 Guidance on Transitions Between Signalling Systems (New)

This document gives guidance on interpreting the requirements of Railway Group Standard GKRT0036 issue 2, Transitions Between Signalling Systems. It does not constitute a recommended method of meeting any set of mandatory requirements. GKGN0636 has been published to support GKRT0036 issue 2.

GKGN0675 Guidance on Lineside Signal Spacing and Speed Signage (New Issue)

This document gives guidance on interpreting the requirements of Railway Group Standard GKRT0075 issue 2: Lineside Signal Spacing and Speed Signage.

This small scale change corrects inconsistencies between the guidance note and the standard GKRT0075, Lineside Signal Spacing and Speed Signage. The only changes to issue 2 are the inclusion of missing word 'section' in 3.3.5.5 a), and deletion of section D.2.4.1 d), which was a duplication of D.2.4.1 c).

GMRT2045 Braking Principles for Rail Vehicles (Small Scale Change)

This document defines the principles of operation and performance requirements for the braking systems of rail vehicles for operation on Railtrack controlled infrastructure, in order to ensure safety of operation and safe interworking.

Small scale change amendment to clause 7.1.2 section paragraph. Amendment to cross references in clause 11.6 g) from GKRT0034 to GKRT0075 and all clauses that previously referenced GORT3000 have been updated to GERT8000.

GMRT2400 Engineering Design of On-Track Machines (Small Scale Change)

This document defines the design requirements for features of on-track machines which are not addressed by other Railway Group Standards.

The change made, using the small scale change process, is to align the requirements for windows and windscreens with those in BS EN 14033 for on-track machines, rather than mandate those applicable to passenger rolling stock.

GMRT2453 Registration, Identification and Data to be Displayed on Rail Vehicles (New Issue)

This document mandates the requirements for the identification of rail vehicles, the requirements for the registration of rail vehicles in the rolling stock library and the data to be displayed on rail vehicles.

This issue incorporates mandatory requirements that were previously in GMRT2210 issue 2 and GMRT2459 issue 1.

GORM3053 Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Glossary (New Issue)

Glossary for the Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods.

GORT3053-A Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Section A – Classification, Acceptance and Identification (New Issue)

The Pink Pages was reviewed in its entirety and re-issued to remove unduly prescriptive items, incorporate changes to the international and national legislation and PON amendments and to align with the Rule Book Modules.

GORT3053-APP 1 Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Appendix 1 – List of Dangerous Goods with their United Nations number, Dangerous Goods Class and TOPS Commodity Code (New Issue)

The Pink Pages was reviewed in its entirety and re-issued to remove unduly prescriptive items, incorporate changes to the international and national legislation and PON amendments and to align with the Rule Book Modules.

GORT3053-APP 2 Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Appendix 2 – Bulk Traffic Dangerous Goods Wagon and Container Separation Distance Requirements/Prohibitions (New Issue)

The Pink Pages was reviewed in its entirety and re-issued to remove unduly prescriptive items, incorporate changes to the international and national legislation and PON amendments and to align with the Rule Book Modules.

GORT3053-B Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Section B – Hazard Identification (New Issue)

The Pink Pages was reviewed in its entirety and re-issued to remove unduly prescriptive items, incorporate changes to the international and national legislation and PON amendments and to align with the Rule Book Modules.

GORT3053-C Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Section C – Marshalling, Movement and Loading (New Issue)

The Pink Pages was reviewed in its entirety and re-issued to remove unduly prescriptive items, incorporate changes to the international and national legislation and PON amendments and to align with the Rule Book Modules.

GORT3053-D Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Section D – Dangerous Goods Facility Instructions (New Issue)

The Pink Pages was reviewed in its entirety and re-issued to remove unduly prescriptive items, incorporate changes to the international and national legislation and PON amendments and to align with the Rule Book Modules.

GORT3053-E Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Section E – NOT USED (New Issue)

The Pink Pages was reviewed in its entirety and re-issued to remove unduly prescriptive items, incorporate changes to the international and national legislation and PON amendments and to align with the Rule Book Modules.

GORT3053-F Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Section F – Fires and Incidents Involving Dangerous Good (New Issue)

The Pink Pages was reviewed in its entirety and re-issued to remove unduly prescriptive items, incorporate changes to the international and national legislation and PON amendments and to align with the Rule Book Modules.

GORT3053-G Working Manual for Rail Staff, Handling and Carriage of Dangerous Goods – Section G – Emergency Transhipment of Dangerous Goods (New Issue)

The Pink Pages was reviewed in its entirety and re-issued to remove unduly prescriptive items, incorporate changes to the international and national legislation and PON amendments and to align with the Rule Book Modules.

GORC3537 Recommendations for Defective On-Train Equipment (Small Scale Change)

GORC3537 gives details of a recommended method which, if followed, would meet the requirements of Railway Group Standard GORT3437.

This document contains requirements that are amended under the Railway Group Standards Code (issue 3) as a small scale change. Reference to the amended requirements is made in the 'Issue Record'. All other parts of the document are unchanged from the previous issue.

GERT8000-AC AC electrified lines (New Issue)

You will need this module if you carry out the duties of a train driver, guard, shunter, designated person (DP), signaller, crossing keeper or person in charge of sidings in AC electrified areas.

This module has been re-issued as some of the requirements in the previous issue have been transferred to GERT8000-HB16.

GERT8000-AM AM Amendments module (New Issue)

This module contains those amendments previously published in the Periodical Operating Notice. It will also contain amendments published for the first time and amendments that do not justify re-issue for the module concerned.

GERT8000-DC DC electrified lines (New Issue)

You will need this module if you carry out the duties of a train driver, guard, shunter, designated person (DP), signaller or crossing keeper in DC electrified areas.

This module has been re-issued as some of the requirements in the previous issue have been transferred to GERT8000-HB17.

GERT8000-HB1 General duties and track safety for track workers (New Issue)

This handbook is for those personnel who need to go on the operational railway to carry out their duties.

GERT8000-HB1 has been re-issued due to the wording in Section 3.3 being revised and a new section added to the handbook, section 7.6.

GERT8000-HB3 Duties of the lookout and site warden (New Issue)

This handbook is for those personnel who carry out duties of the lookout and site warden.

GERT8000-HB3 has been re-issued due to the wording in Section 5 being revised.

GERT8000-HB5 Handsignalling duties (New Issue)

This handbook is for those personnel who carry out handsignalling duties.

GERT8000-HB5 has been re-issued due to the wording in Section 5.3 being revised.

GERT8000-HB16 AC electrified lines (New)

This handbook is for those personnel who need to go on the operational railway in an AC electrified area to carry out their duties.

GERT8000-HB17 DC electrified lines (New)

This handbook is for those personnel who need to go on the operational railway in a DC electrified area to carry out their duties.

GERT8000-HB18 Duties of a level crossing attendant (New)

You will need this handbook if you carry out the duties of a level crossing attendant.

GERT8000-Index Rule Book Index and Glossary (New Issue)

The Rule Book index and glossary is a reference document to help users find the module and section number of particular rules or subject matter. Explanations of the terms used in the Rule Book modules are set out in the glossary.

GERT8000-Issue Rule Book module issue history (New Issue)

Rule Book module issue history lists the current issue of each module.

GERT8000-Issue HB Rule Book handbook issue history (New)

Rule Book handbook issue history lists the current issue of each handbook.

GERT8000-PPBL Pink pages briefing leaflet (New)

The Pink Pages briefing leaflet contains details on changes made to the working manual for rail staff handling and carriage of dangerous goods in December 2011.

GERT8000-RBBL Rule Book briefing leaflet (New Issue)

The Rule Book briefing leaflet contains details on changes made to the Rule Book in December 2011.

GERT8000-TW8 Level crossings – drivers' instructions (New Issue)

You will need this module if you carry out the duties of a driver.

TW8 has been re-issued and now applies to drivers only. The requirements for level crossing attendants, previously shown in the module, have been transferred to GERT8000-HB18.

GERT8000-TS9 Level crossings – signallers' regulations (New Issue)

You will need this module if you carry out the duties of a signaller in an area where there is a level crossing.

TS9 has been re-issued because some of the measures have been withdrawn or transferred to module TS1 or to signal box special instructions as appropriate.

GERT8054 Management of Shared Information Systems (New Issue)

The document mandates joint responsibility of infrastructure managers and railway undertakings to determine whether or not a system has material safety implications, and if it does whether it is also a shared system. In this case, each infrastructure manager and railway undertaking shall report the material safety implications that they have identified to the System Management Group (SMG) they belong to.

This document has been re-issued to remove two measures that have been withdrawn as they are out of scope of the Railway Group Standards Code and all other measures have been rewritten and simplified.