



Briefing note

Documents for Proposal 07/040 Vehicle Maintenance and Inspection Package

New and revised documents

Document number	Document title	Issue
GM/RT2004	Rail Vehicle Maintenance	Four
RIS-2701-RST	Rail Industry Standard for NDT Processes on Rail Vehicles	One
RIS-2702-RST	Rail Industry Standard for In-Service Examination and Reference Limits for Freight Wagons	One
GM/GN2646	Guidance on Axle Bearing Maintenance	One

Documents to be withdrawn

Document number	Document title	Issue
GM/RT2004	Requirements for Rail Vehicle Maintenance	Three
GM/RT2005	Certification Processes for NDT Operatives, Equipment and Facilities Used for Inspecting Rail Vehicles	Three
GM/RT2030	Axle Bearing Maintenance	Two
GM/RT2455	Freight Vehicle In-Service Inspections	One
GM/RC2516	Approved Code of Practice – Training for Personnel who Influence, Maintain or Overhaul Axle Bearings	Two

Standards Committee(s): Rolling Stock and Plant

Issue / withdrawal date: 5 March 2011

Documents come into force / cease to be in force: 4 June 2011

Background

Proposal 07/040 has been initiated by a request by the Rolling Stock Standards Committee to apply the criteria of the Railway Group Standards Code (formerly the Strategy for Standards Management,) for those Railway Group Standards (RGS) relevant to vehicle maintenance and inspection.

Rolling Stock Standards Committee also requested that where applicable information relating to vehicle maintenance should be aligned with the requirements being mandated in the Conventional Rail Locomotive and Passenger Technical Specification for Interoperability (CR LOC & PAS TSI) (currently at 08/57–ST05 - TSI draft version EN05 10-06-2010 RISC57).



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The principles of the Railway Group Standards Code have been applied to all of the measures in GM/RT2004, GM/RT2005, GM/RT2030 and GM/RT2455. All measures have been formally reviewed and recommendations made for each one. Those measures that are still in scope of Railway Group Standards (as defined in the Railway Group Standards Code issue 3) remain as mandatory measures and are combined into a single revised RGS GM/RT2004 issue four. Of the other measures some have been identified as duplicate measures or single duty holder responsibility and have been transferred to the supporting documents or withdrawn.

Scope

The requirements of Part 2 of GM/RT2004 issue four apply to all new rail vehicles and also vehicles which undergo an upgrade or renewal.

The requirements of Part 3 and Part 4 of GM/RT2004 issue four apply to all existing rail vehicles.

The requirements of this document are not applicable to the following types of rail vehicles:

- a) On-track plant.
- b) Non-GB registered wagons.

Key changes

The majority of the requirements in the vehicle maintenance and inspection package have been withdrawn as they are single duty holder responsibility. The requirements that have been retained in GM/RT2004 issue four are required for cooperation or fill an open point in the CR LOC & PAS TSI version EN05 10-06-2010 RISC57.

Text from version EN05 10-06-2010 RISC57 of the CR LOC & PAS TSI that relates to vehicle maintenance has been incorporated into GM/RT2004 issue four to close an open point.

The requirements that have been transferred from GM/RT2030 and GM/RT2455 to GM/RT2004 issue four are as follows:

- One requirement (to have an axle bearing maintenance plan) currently held in GM/RT2030 issue two, 'Axle Bearing Maintenance'.
- One requirement (freight vehicle in service inspections - establishing the agreed acceptance criteria) currently held in GM/RT2455 issue one, 'Freight Vehicle In-service Inspections'.

Requirements from GM/RT2005 and GM/RT2030 that are to be withdrawn and identified as good practice have been transferred to new Rail Industry Standards (RIS), RIS-2701-RST, Rail Industry Standard for NDT Processes on Rail Vehicles and a new Guidance Note, GM/GN2646, Guidance on Axle Bearing Maintenance. The requirements from GM/RT2455 that are to be withdrawn and identified as good practice have been transferred to a new Rail Industry Standard RIS-2702-RST Rail Industry Standard for In-Service Examination and Reference Limits for Freight Wagons.

The existing documents in the package are notified as National Technical Rules (NNTR) and National Safety Rules (NSR). As stated above some of these requirements are single duty holder responsibility and hence withdrawn. In addition greater clarity has been agreed that the manufacturer's production of the maintenance file is an NNTR but the use of the maintenance plan by a railway undertaking is an NSR.

Compliance requirements

The requirements of GM/RT2004 issue four come into force and are to be complied with from 4 June 2011.



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Impact of proposed changes to National Technical Rules (NTRs)

Open point		NTR proposed before changes notified in this Briefing Note		NTR proposed following changes notified in this Briefing Note		Reason for amendment to proposed NTR
TSI	Clause	RGS	Clause	RGS	Clause	
Freight Wagon	6.2.2.3	GM/RT2004 issue three	All	GM/RT2004 issue four	2	Standard revised and re-issued
Freight Wagon	Annex DD	GM/RT2004 issue three	All	GM/RT2004 issue four	2	Standard revised and re-issued
Freight Wagon	7.4.2	GM/RT2004 issue three	All	GM/RT2004 issue four	2	Standard revised and re-issued
CR Loc & Pas TSI	4.2.12.1	GM/RT2004 issue three	Part B7 and linked Appendices	GM/RT2004 issue four	2	Standard revised and re-issued
CR Loc & Pas TSI	4.2.12.2	GM/RT2004 issue three	Part B7 and linked Appendices	GM/RT2004 issue four	2	Standard revised and re-issued
CR Loc & Pas TSI	4.2.12.3	GM/RT2004 issue three	Part B7 and linked Appendices	GM/RT2004 issue four	2	Standard revised and re-issued
CR Loc & Pas TSI	4.2.12.1	GM/RT2030 issue two	Part C3	GM/RT2004 issue four	2	Standard withdrawn
HS Rail TSI	4.2.2.3.3	GM/RT2005	All	None		Standard withdrawn

Impact of proposed changes to National Safety Rules (NSRs)

Safety Directive	Sub-system	NSR proposed before changes notified in this Briefing Note		NSR proposed following changes notified in this Briefing Note		Reason for amendment to proposed NSR
		RGS	Clause	RGS	Clause	
3	RST	GM/RT2004 issue three	Section 7-	GM/RT2004 issue 4	Part 3	Standard revised and re-issued
5	RST	GM/RT2455	All	GM/RT2004 issue 4	Part 4	Standard withdrawn
6	RST	GM/RT2005	Section 3.2	Withdrawn	Withdrawn	Standard withdrawn
6	RST	GM/RT2030	Sections C4 to C6	Withdrawn	Withdrawn	Standard withdrawn