

Proposed amendment to GCU Appendix 11

Record of amendments

Amended by	Date	Paragraph	Amendment
Dirk Oelschläger	22/02/2018	7.9	Drafted
Jean-Marc Blondé	20/03/2018		Insertion following TTI WG meeting of March 2019
Approved by TTI WG	20/03/2019		See minutes of TTI WG meeting of March 2019
Approved by WU SG	22/05/2019		As per minutes of WU SG meeting

Title:	Removal of reference to standard spare parts ("U parts")
Proposed amendment made by: RU / Keeper / other body:	UIC Maintenance Working Group
Proposed amendment concerns:	<input type="checkbox"/> Appendix 9 <input checked="" type="checkbox"/> Appendix 11
Proposer:	Burkhard Lerche
Location, date:	
Concise description:	Obsolescence of the "U parts" system and corresponding amendment to be made to GCU Appendix 10

1. Starting point (current situation)

1.1. Introduction

Section 7.9 (including subsections) in Appendix 11 specifies rules for signs for standard spare parts on wagons.

1.2. Mode of operation

Signs on standard spare parts make it possible for workshops to determine whether and to what extent they can replace them with other replacement parts that are not part of the original component in the absence of keeper's instructions in the event of wear or damage.

1.3. Anomaly/Description of problem

The authority to approve spare parts autonomously and, thus, responsibility for their safe use, is assigned from the railways to the ECM. The "U parts" system dates from the era of the state railways and is therefore obsolete. Thus, with effect from 1/1/2018, in consideration of the current legal framework, a new agreement has been reached in respect of replacement of spare parts without prior instructions from the keeper in Appendix 10. This has rendered the requirements for signage contained in Appendix 11 7.9 incompatible and misleading in cases of doubt.

1.4. Does this concern a recognised code of practice* (e.g. DIN, EN)?

No Yes (state which):

* Code of practice: a written set of rules that, when correctly applied, can be used to control one or more specific hazards. (Source: Regulation [EC] No. 352/2009, Article 3 section 19).

"Technical provisions laid down in writing or conveyed verbally and pertaining to procedures, equipment and modes of operation which are generally agreed by the populations concerned (specialists, users, consumer and public authorities) to be suitable for achieving the objective prescribed by law, and which have either proven their worth in practice or, it is generally agreed, are likely to within a reasonable period of time." (translation/source: German Ministry of Justice: Handbuch der Rechtsförmlichkeit, recital 255)

2. Target situation (goal)

Deletion in full of the text relating to the U sign in Appendix 11

3. Amendment proposal

Colour code for changes:

BLACK:..... actual text, for info and remains unchanged

RED: added or modified text

BLUE and struck out:..... text will be deleted

7.9 ~~Sign for the spare parts~~ **Markings for certain spare parts**

7.9.1 ~~Standard spare parts carry the sign (U) and wheelsets and buffers also carry the keeper's initials or code number. For wheelsets with axle-boxes manufactured prior to unification or standardisation the (U) sign must be affixed at the next wagon overhaul provided the parts in question conform to the standardisation criteria.~~

Standard screw couplers ~~also~~ carry the "St" marking.

7.9.2 Wheelsets suitable for axle-loads of more than 20.0 tonnes carry the sign 2Q = 00,0 t indicating the permissible axle-load:

- on the identification ring for wheelsets fitted with a ring (collar) around the axle
- on the inner face of the wheel hub for wheelsets without an identification ring

7.9.3 Suspension leaf springs suitable for axle-loads of more than 20.0 tonnes carry the sign 2Q = 00,0 t on the shackle, indicating the permissible axle-load.

7.9.4 When welding or heating work on or near the wagon buffers can constitute an accident hazard, a yellow disc of 50 mm diameter should be painted on the buffer casing.

7.9.5 For standard buffers with a stroke of 105 mm, the sign 105 – X shall be marked on the buffer casing ~~beneath the sign (U) and~~ the owner's mark to indicate the buffer stroke and buffer category (A, B or C) as defined in the UIC Code. Buffers manufactured before 1/1/1981 that do not meet the conditions of category A do not feature the category letter.

4. Reason

N/A

5. Assess potential positive/negative impacts

E.g. on operations, costs, administration, interoperability, safety, competitiveness, etc., using a scale of 1 (very low) to 5 (very high). Justify observations

Impacts: 1

Operations: 1

Interoperability: 1

Competition: 1

Costs: 1

Administration: 1

Safety: 3 (Increased safety by prevention of potential misunderstandings)

6. Safety appraisal of proposed amendment

Description of actual/target system, and scope of change to be made (see points 1 and 2).

Safety study conducted by:

6.1. Does the change make impact on safety?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason:	
6.2. Is the change significant?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason: see template. Attach the "significant change" test template.	
6.3. Determining and classifying risk	<input checked="" type="checkbox"/> not applicable
6.3.1. Effect of change in normal operation:	
6.3.2. Effect of change in the event of disruption / deviation from normal operation:	
6.3.3. Potential misuse of system? <input type="checkbox"/> No <input type="checkbox"/> Yes (describe possible misuse):	
6.4. Have safety measures been applied?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<i>For each type of risk, one of the following risk acceptance criteria is to be selected:</i> <ul style="list-style-type: none">• <i>"Code of practice" (acknowledged technical rules)</i>• <i>Use of reference system</i>• <i>Explicit risk estimate</i>	
6.5. Has a risk analysis been submitted to the assessment body?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Assessment body: Attach the verdict reached by the assessment body	[appendix]