

## Proposed amendment to Appendix 10 and Appendix 11 to the GCU Record of amendments

Amended by	Date	Paragraph	Amendment
Burkhard Lerche	11/01/2022	App. 10 Introduction, Chap. A and C and App. 11, Point 1, Chap. 2.3	Reissue
Burkhard Lerche	08/02/2022	App. 10 Introduction, Chap. A and C and App. 11, Point 1, Chap. 2.3	Discussion and update
TTI WG decision	23/03/2022	App. 10 Introduction, Chap. A and C and App. 11, Point 1, Chap. 2.3	See minutes of TTI WG meeting of March 2022
WG Maintenance decision	29/03/2022	App. 10 Introduction, Chap. A and C and App. 11, Point 1, Chap. 2.3	See minutes of MNT WG meeting of March 2022
WU SG decision	16/05/2022	App. 10 Introduction, Chap. A and C and App. 11, Point 1, Chap. 2.3	See minutes of WU SG of May 2022
GCU JC decision	09/06/2022	App. 10 Introduction, Chap. A and C and App. 11, Point 1, Chap. 2.3	Approved

<b>Title:</b>	Deletion of Chapter C “Preventive maintenance” and updating of the maintenance plate
<b>Proposed amendment made by RU/keeper/other</b>	DB Cargo AG
<b>Proposed amendment concerns:</b>	<input checked="" type="checkbox"/> Appendix 10 <span style="margin-left: 200px;"><input checked="" type="checkbox"/> Appendix 11</span>
<b>Proposer:</b>	WG Maintenance
<b>Location, date:</b>	11/01/2022
<b>Concise description:</b>	Deletion of Chapter C “Preventive maintenance” and updating of the maintenance plate

**1. Starting point (current situation):**

<b>1.1. Introduction</b>
Appendix 10 still contains a number of references to preventive maintenance rules although this is not the general purpose of the GCU
<b>1.2. Mode of operation</b>
-
<b>1.3. Anomaly / description of problem:</b>

<b>1.4. Does this concern a recognised code of practice* (e.g. DIN, EN)?</b>
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (state which):
<p>* "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 352/2009, Article 3)</p> <p>"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: BMJ Handbuch der Rechtsförmlichkeit – German Ministry of Justice)</p>

**2. Target situation**

<b>2.1. Elimination of anomaly/problem (goal)</b>
Adaptation of the text in Appendix 10 and Appendix 11. In addition, the drawing of the maintenance plate in GCU Appendix 11 is to be replaced because the first field may also contain two digits.

### 3. Amendments/additional texts (relate only to proposed amendments to GCU Appendix 9):

#### Colour codes for changes:

**Black:** currently applicable text; provides information and remains unchanged

**Red:** New text

**Blue** (may be crossed out): Text to be deleted

## Appendix 10

### INTRODUCTION

Appendix 10 is intended for use by staff in workshops<sup>1)</sup>, and collates **in a single text**, all the provisions governing the minimum condition for parts (in accordance with the criteria set at international level) on leaving the workshop.

It comprises ~~three~~ **two** chapters.

[...]

~~Chapter C contains provisions on the subject of preventive maintenance~~

[...]

## A. CORRECTIVE MAINTENANCE

### 0. Principle

**The keeper must ensure that wagons are restored to a condition making them fit for normal service in terms of load safety and conservation.**

**To do so, he has recourse to the services of an Entity in Charge of Maintenance, one of whose responsibilities (as set out in EU Regulation 2019/779 and the corresponding COTIF rules) is to define a preventive maintenance plan and instructions, which the keeper must apply.**

Wagon keepers, customers of repair work and workshops must all ensure that wagons are free from defects that are liable to lead to the vehicle being removed from service again, based on the provisions of Appendix 9 on the instructions issued for repairs to be carried out and Appendix 10, Chapter A (and where appropriate also Chapter B) on the actual execution of repair work.

[...]

## ~~C. PREVENTIVE MAINTENANCE~~

### ~~0. Principle~~

~~The keeper must ensure that wagons are restored to a condition making them fit for normal service in terms of load safety and conservation.~~

~~To do so, he has recourse to the services of an Entity in Charge of Maintenance, one of whose responsibilities (as set out in EU Regulation 2019/779 and the corresponding COTIF rules) is to define a preventive maintenance plan and instructions, which the keeper must apply.~~

### ~~1. Overhaul periodicity~~

~~1.1 The date of last overhaul and the overhaul periodicity stipulated by the ECM must be indicated on a maintenance plate as defined in Appendix 11.~~

~~1.2 A wagon's overhaul period may be extended by 3 months if the keeper so decides, in which case the wagon shall receive the "+3M" marking.~~

~~1.3 Specific provisions for tank wagons: Tank wagons for which the date (end of month) of the next tank test has become due (Appendix 11, point 6.4) shall be handled in accordance with Appendix 9.~~

## Appendix 11

### 2.3 Maintenance plate

Figure 1

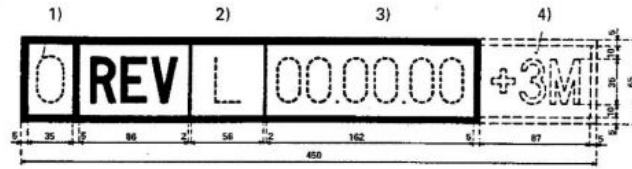


Figure 2

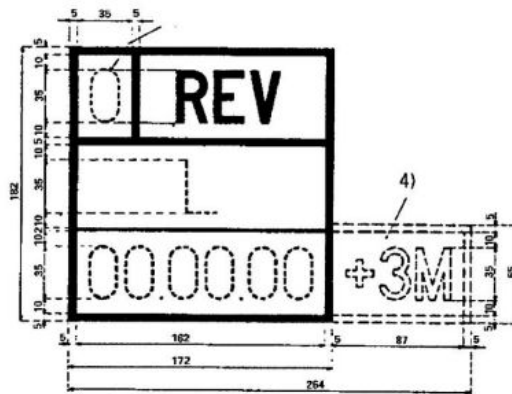


Figure 3

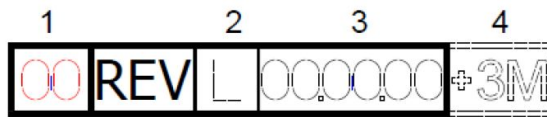


Figure 4

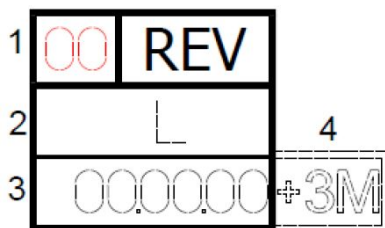
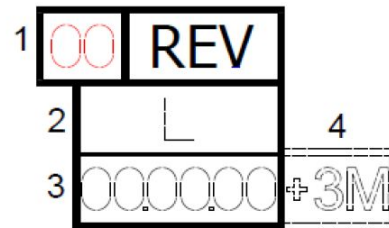


Figure 5



**Position:** In the middle of each solebar, or on the parts covering the solebar or on special boards fixed at the same height.

**Meaning:** From this day, plus the extended validity period of 3 months if duly indicated, the wagon formally loses its authorisation to run in normal service.

<sup>1)</sup> Maintenance plate validity period *in years*: see [Appendix 10, paragraph C, point 1 or 1.1 for additional details](#)

<sup>2)</sup> Identification mark of the workshop that carried out the maintenance work.

<sup>3)</sup> Date of the last overhaul on which the work was carried out (day, month, year).

<sup>4)</sup> Additional marking in accordance with [Appendix 10, paragraph C, point 1.2](#). To be applied only on the instructions of the keeper

**4. Reason:**

<b>5. Assess potential positive/negative impacts</b>
<p><i>Assess the possible positive and negative effects (operations, costs, administration, interoperability, safety, competitiveness, etc.) on a scale of 1 (very low) to 5 (very high). Justify observations</i></p> <p>Positive impacts: Costs, administration, interoperability, safety, competitiveness (value: 1)</p>

## 6. Safety appraisal of proposed amendment

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

Performance of risk analysis is unnecessary where only recognised standards are implemented.

Risk analysis conducted by:

<b>6.1. Does the change made impact on safety?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reasoning: The text that has been crossed out does not contain provisions in the strictest sense of the term but refers to other parts of the GCU or to external rules.	
<b>6.2. Is the change significant?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reasoning: The Maintenance WG (Appendix 10 GCU) has concluded that the change is not significant	
<b>6.3. Determining and classifying risk:</b>	<input checked="" type="checkbox"/> N/A
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):	
<b>6.4. Have safety measures been applied?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
For each type of risk, one of the following risk acceptance criteria is to be selected: <ul style="list-style-type: none"> <li>• Code of practice</li> <li>• Use of reference system</li> <li>• Explicit risk estimate</li> </ul>	
<b>6.5. Has a risk analysis been submitted to the assessment body?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Assessment body:	
Attach the verdict reached by the assessment body:	[Appendix]