

## Amendment proposal Appendix 10 to the GCU

### Record of amendments

Amended by	Date	Paragraph	Amendment
Burkhard Lerche	15/12/2022	6.51.2	New amendment proposal
Burkhard Lerche	31/01/2023	6.1.2	Adaptation of the first proposal (see minutes of the Maintenance WG meeting)
WG MNT decision	18/04/2023	6.1.2	Approval (see minutes of the Maintenance WG meeting)
WU SG decision	23/05/2023	6.1.2	WU SG approval
GCU JC decision	07/06/2023	6.1.2	GCU JC approval

<b>Title</b>	Dealing with defective wagon hydraulics
<b>Proposed amendment made by: RU/keeper/other:</b>	DB Cargo AG
<b>Proposed amendment of:</b>	<input checked="" type="checkbox"/> Appendix 10
<b>Proposer:</b>	Burkhard Lerche
<b>Location, date:</b>	Mainz, 15/12/2022
<b>Concise description:</b>	Provisions for handling defective self-unloading wagons with hydraulic equipment.

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

<b>1.1. Introduction</b>
Appendix 10 does not currently contain any specifications for the treatment of defective self-unloading wagons with hydraulic equipment.
<b>1.2. Mode of operation</b>
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<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>* "a written set of rules that, when correctly applied, can be used to control one or more specific hazards." (Source: Regulation (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". (Source: BMJ Handbuch der Rechtsförmlichkeit – guide published by German Ministry of Justice)</p>

**2. Target situation**

<b>2.1. Elimination of anomaly/problem (solution sought)</b>
The text should be completed by 6 under 6.1 with 6.1.2

### 3. Amendments/additional text (relates only to proposed amendments to GCU Appendix 10):

**Amendment colour code:**

**Black:** text in force remains unchanged, for information.

**Red:** new text

**Blue:** (if crossed out): text to be deleted

### 6. Vehicle body and accessories

#### Minimum condition and limit values for dimensions

Provisions applicable to all wagons:

- 6.1.1. The wagon body, superstructures and all additional devices must not be damaged in a way that could lead to deterioration or loss of the load or constitute a safety hazard for railway operations and/or a risk for persons or the environment.
- 6.1.2 **The hydraulic systems must not leak. Without further instructions from the keeper, sealing must only be carried out by tightening the hydraulic connections.**
- 6.2 The wagon body and its parts must not foul the loading gauge.

### 4. Reason:

#### 5. Evaluation of the possible positive and negative impacts

*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).*

*Reasoning behind amendment:*

Positive effects:

Costs (Value 1), administration (Value 1), interoperability (Value 2), safety (Value 1) and competitiveness (Value 3)

## 6. Risk analysis 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 have an impact on safety?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason:	
<b>6.2. Is the change significant?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason:	
<b>6.3. Determining and classifying risk</b>	<input checked="" type="checkbox"/> N/A
<p>6.3.1. Effect of change in normal operation:</p> <p>6.3.2. Effect of change in the event of disruption/deviation from normal operation:</p> <p>6.3.3. Potential misuse of system:</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes (describe possible misuse):</p>	
<b>6.4. Have safety measures been applied?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
<p>For each type of risk, one of the following risk acceptance criteria is to be selected:</p> <ul style="list-style-type: none"> <li>• Code of practice</li> <li>• Use of reference system</li> <li>• Explicit risk assessment</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
<p>Assessment body:</p> <p>Attach the verdict reached by the assessment body</p>	[Appendix]