Study Group WAGON USERS

Proposed amendment to GCU
Appendix 7-Form Hr

Record of amendments

<table>
<thead>
<tr>
<th>Amended by</th>
<th>Date</th>
<th>Paragraph</th>
<th>Amendment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bernhard Schlor</td>
<td>8.3.2017</td>
<td>Appendix 7</td>
<td>Form Hr</td>
</tr>
</tbody>
</table>

Title

Adjust Form Hr in line with the new Appendix 10

Proposed amendment made by: RU / Keeper / other body

UIC Maintenance Working Group

Proposed amendment concerns:

Appendix 7

Proposer:

Bernhard Schlor

Location, date:

Vienna, 8.3.2017

Concise description:

Adjust Form Hr in line with the new Appendix 10 to clarify the reasons for removing wheelsets
1. **Starting (current situation)**

1.1. **Introduction**

Form Hr is used to exchange information between the keeper and the workshop responsible for changing wheelsets.

1.2. **Mode of operation**

Workshops responsible for changing wheelsets on damaged wagons provide the following information using Form Hr, which allows standard repair to be carried out on the wheelsets for the keeper and which is necessary for the full wheelset documentation required.

1.3. **Anomaly / description of problem**

Not all significant reasons for removal are documented and some codes have twofold significance.

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

| No | Yes (state which): EN 15 313 |

* "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)

"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 Rechtspflichtigkeit – German Ministry of Justice)

2. **Target situation**

2.1. **Elimination of anomaly/problem (goal)**

Update the list of reasons for removal in Form Hr (see appendix)

3. **Additional text and/or change relates only to proposed amendments to GCU Appendix 7/Muster Hr:**

See enclosure

4. **Reason:**
5. **Assess potential positive/negative impacts**

Assessment of operations, costs, administration, interoperability, competitiveness etc., using a scale of 1 (very low) to 5 (very high).

Justify observations.

Positive/negative impacts:

<table>
<thead>
<tr>
<th>Impacts on</th>
<th>Rating</th>
<th>Description</th>
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<tbody>
<tr>
<td>Operations, costs and administration (+1)</td>
<td></td>
<td>No additional expense</td>
</tr>
<tr>
<td>Interoperability (+4)</td>
<td></td>
<td>Guarantees collection of the data required</td>
</tr>
<tr>
<td>Safety (+3)</td>
<td></td>
<td>Data from previous incidents will help with early detection of damage to wheelsets</td>
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<tr>
<td>Competitiveness (+2)</td>
<td></td>
<td>Will highlight the sector’s high level of safety awareness compared to competitors in the road/water/air modes.</td>
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</tbody>
</table>
6. Safety appraisal of proposed amendment

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

The safety appraisal should be removed since only known guidelines would be implemented.

Safety study conducted by:

<table>
<thead>
<tr>
<th>6.1. Does the change made impact on safety?</th>
<th>☒ No ☐ Yes</th>
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<tbody>
<tr>
<td>Reason: Amendment to the documentation</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>6.2. Is the change made significant?</th>
<th>☒ No ☐ Yes</th>
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<tr>
<td>Reason: No intervention in the rail system</td>
<td></td>
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<tr>
<th>6.3. Determining and classifying risk:</th>
<th>deleted</th>
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<tbody>
<tr>
<td>6.3.1. Effect of change in normal operation:</td>
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<tr>
<td>6.3.2. Effect of change in the event of disruption / deviation from normal operation:</td>
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<td>6.3.3. Potential misuse of system:</td>
<td></td>
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<tr>
<td>☐ No</td>
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<tr>
<td>☐ Yes (describe possible misuse):</td>
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<tr>
<th>6.4. Have safety measures been applied?</th>
<th>☒ No ☐ Yes</th>
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<tr>
<td>For each type of risk, one of the following risk acceptance criteria is to be selected:</td>
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<tr>
<td>• &quot;Code of practice&quot; (acknowledged technical rules)</td>
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<tr>
<td>• Use of reference system</td>
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<tr>
<td>• Explicit risk assessment</td>
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<tr>
<th>6.5. Has a risk analysis been submitted to the assessment body?</th>
<th>☒ No ☐ Yes</th>
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<tbody>
<tr>
<td>Assessment body:</td>
<td></td>
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<tr>
<td>Attach the verdict reached by the assessment body:</td>
<td>[appendix]</td>
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</tbody>
</table>
Wagon number: [ ] [ ] [ ] [ ] [ ] [ ] - [ ]

Damage report reference number: 

Keeper: 
Fax no.: 
Email: 

Remarks: 

<table>
<thead>
<tr>
<th>Pos</th>
<th>T/M</th>
<th>B measured</th>
<th>C</th>
<th>Monobloc yes / no</th>
<th>Type of wheelset</th>
<th>Wheelset number(s) of damaged wheelset(s)</th>
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Pos: position of axle (as per marking on wagon).
If no marking present, count from either end of wagon.

Number of damaged wheelsets: 

Reason for withdrawal from service T/M: always indicate code opposite the axle number

- 1.2.2 Thermal overload
- 1.3.2 Wheel wear (tread)
- 1.3.3 Wheel flats
- 1.3.4 Metal inclusions
- 1.3.5 Cavities/exfoliation
- 1.5.1 Damage to wheel centre
- 1.6.1 Damage to axle
- 1.7.2 Out-of-round wheel
- 1.8.1.1 Axle box leaking
- 1.8.1.2 Loss of lubricant
- 1.8.3 Hot axle box
- 1.8.4 Wear plate displaced or missing
- 7.1.7 Overload (provide details)
- 8.1.1 Derailment

Other: ..........................................................

Addresses:

- Contact address:
- Delivery address:
- Station code: [ ] [ ] [ ] [ ]

- Delivery restrictions, if applicable

Quotes: see page 2

Date: 
Signature: 
Company stamp: 

Form HR Page 1
**Form H**

**Wagon number:**

**Damage report reference number:**

**Keeper:**

**Quotes:**

- **3.1** Request for replacement wheelset(s) using form H

- **3.2** Repair one or more wheelsets
  - Repair to be done by approved depot

**Remarks:**

Track occupancy costs as per Appendix 7 point 1.2.

**Reply:**

To be completed by the keeper

We hereby accept your quote no ____________________________

and will send you ____________________________ the requested wheelsets by ____________________________

(point 3.1 only)

**Addresses:**

The damaged wheelsets should be returned to the address indicated below:

Delivery address:

Station code: ____________________________

Delivery restrictions, if applicable

Billing address:

Date: ____________________________

Signature: ____________________________

Company stamp: ____________________________