

**Study Group WAGON USERS**  
**Groupe d'Etudes UTILISATEURS WAGONS**  
**Studiengruppe WAGENVERWENDER**

**Amendments and additions to GCU Appendix 9: Proposal no. 5**  
 Modification of Annex 1: Modification of chapters 6 and 7 incl. ILE

<p><b>1.- Present the problem (with examples and, if possible, figures giving a measure of the scope of the problem):</b></p> <p>Appendix 9 of the GCU sets out in Annex 1 binding provisions that govern the technical condition of wagons to be exchanged between two or more railway undertakings (RUs), as established during a technical transfer inspection.</p>	<p><b>2.- Show what the GCU is lacking in this respect:</b></p> <p>The instructions to be followed are mentioned, from the point of view of operational safety and suitability in service, in the GCU, as well as in UIC leaflets, where they are of a compulsory nature, and in the directives.</p>
<p><b>3.- Explain why the problem can only be solved through the GCU contract:</b></p> <p>Implementation is the responsibility of all the participants in the GCU.</p>	<p><b>4.- Outline why the problem should be solved as envisaged in the proposed amendment/addition:</b></p> <p>Compliance with this provision forms the basis for the renewal of bi- or multilateral agreements and for the conclusion of new agreements..</p>
<p><b>5.- Describe how the proposed amendments or additions will help solve the problem:</b></p> <p>The amendments must permit qualitative compliance with the requirements of the TSI, with obligations imposed by public authorities, with the ECM and with the GCU.</p>	<p><b>6.- Assess the potential positive and negative impacts (on operations, costs, administration, interoperability, safety, competitiveness, etc.), using a scale from 1 (very low) to 5 (very high):</b></p> <p>Impact on operations: net reduction in dwell times during exchanges at borders. Acceleration of traffic movements.</p> <p>Costs: savings thanks to the avoidance of downtime when underway and of the payment of unnecessary penalties.</p> <p>Administrative expenses: reduction in inspection and file handling operations for international transport movements.</p> <p>Interoperability: is guaranteed from the commencement</p>

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We request the modification of codes as per the tables below:

- The reference to load units in chapter 6 under points 6.1.4 and 6.1.5 is to be deleted

Components	Code	Irregularities/Criteria/Notes	Action to be taken	Category
<del>Walls, including those of load units</del>	6.1.4			
	6.1.4.1	Side plank missing, broken, split or coming undone; wall panel holed, broken	K	3
	6.1.4.2	Risk of damage to load due to humidity; risk of loss of load	Rectify, if necessary + K, if not possible: detach wagon	4
<del>Floor, including those of load units</del>	6.1.5	Floor damaged		
	6.1.5.1	- with no risk of loss of load	K	3
	6.1.5.2	- with risk of loss of load	Rectify, if necessary + K, if not possible: detach wagon	4



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- Modification of codes 6.5.5.x concerning RID and non-RID loads:

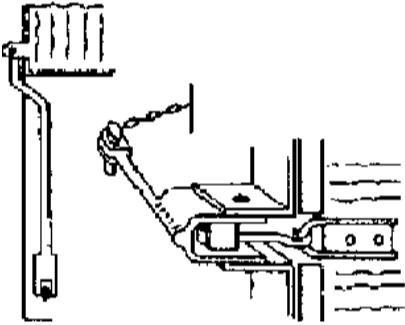
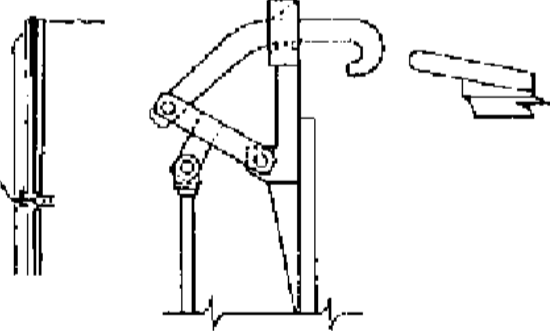
Components	Code	Irregularities/Criteria/Notes	Action to be taken	Category
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**Study Group WAGON USERS**  
**Groupe d'Etudes UTILISATEURS WAGONS**  
**Studiengruppe WAGENVERWENDER**

<b>Reinforcement, filling and emptying equipment, underneath</b>	6.5.5			
	6.5.5.1	Loss of load	Rectify, if not possible: detach wagon	5
	6.5.5.2	– reserved –		
	6.5.5.3	Valves or spouts defective Screw cap must be tightly sealed and must not be missing (except for outside gas pipes)	Detach wagon	4
	6.5.5.4	- RID load**	Rectify, if not possible: dDetach wagon	4
	6.5.5.5	- non-RID load	Rectify, if not possible: M	3
	6.5.5.6	Blind flange missing <del>or loose</del>  Blind flange with one sSecuring bolt, missingblind flange:	Detach wagon	4
	6.5.5.7	- RID load** one or more missing bolts	Detach wagon	4
	6.5.5.8	- non-RID load, one securing bolt missing	Rectify, if not possible, K	3
	6.5.5.9	- non-RID load several securing bolts missing <del>Blind flange : several securing bolts missing</del>	Rectify, if not possible, detach wagon	4
	6.5.5.10	Bottom valve indicator device not in "closed" position on both sides - loaded wagons, and empty wagons that	Close bottom valve. If not possible: detach	5

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**Studiengruppe WAGENVERWENDER**

In chapter 6, the codes 6.6.1.2 and 6.6.1.3 refer to irregularities with torn sheeting on wagons with mechanical sheeting as per the table below:

<b>Wagons with mechanical sheeting (e.g. Rils, Tams)</b>	6.6.1			
	6.6.1.1	<p>Mechanical sheeting not properly closed and locked</p> <ul style="list-style-type: none"> <li>indicator visible (side closing system open)</li> </ul> <p>Side locking system</p>  <ul style="list-style-type: none"> <li>end hoops inclined (locking system not engaged)</li> </ul> <p>Top locking system</p> 	Close, if not possible : detach wagon	5
	6.6.1.2	<p><b>Tarpaulin</b></p> <p>- Tarpaulin torn, holed <math>\leq 30</math> mm</p>		3

**Study Group WAGON USERS**  
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**Studiengruppe WAGENVERWENDER**

- Points 7.5.4, 7.5.6 are to be specified and 7.5.5.3 is to be added:

Load	Code	Irregularities/Criteria/Notes	Action to be taken	Category
<b>Special types of consignment</b>	7.4			
<b>Vehicles and machinery on wheels or on caterpillar tracks/chains</b>	7.4.1	Unsuitable scotch blocks and/or fastenings (5.6.3)	Rectify, if not possible: detach wagon	5
<b>Moving parts of vehicles and machinery</b>	7.4.2	Not properly immobilised		
	7.4.2.1	- no risk of fouling gauge	Rectify, if not possible: detach wagon	3
	7.4.2.2	- risk of fouling gauge	Detach wagon	5
<b>Load supported on several wagons</b>	7.4.3	Not loaded/secured according to requirements (5.9)	Detach wagon	5
<b>Specific components of load units, in particular those used for transshipment horizontal or vertical</b>	7.5			
	7.5.1	Device for locking the dollies inoperative, defective or missing	Bind using wire, if not possible : detach wagon	4
	7.5.2	End doors on load units not securely closed or locked		
	7.5.2.1	- door not closed	Close, if not possible: detach wagon	5
	7.5.2.2	- only one lock effective per load unit and	Rectify	3

**Study Group WAGON USERS**  
**Groupe d'Etudes UTILISATEURS WAGONS**  
**Studiengruppe WAGENVERWENDER**

	7.5.5.1	- Tarpaulin torn, holed $\leq$ 30 mm	Rectify	3
	7.5.5.2	- Tarpaulin torn, holed $>$ 30 mm	Detach wagon	5
	7.5.5.3	Danger of damage from humidity to the load or loss of load	Rectify, if not possible: detach wagon	4
	7.5.6	Tarpaulin, walls - Locking, lashings inadequate  - sheet; lack of tension / lock damaged, inadequate	Detach wagon	5

**Study Group WAGON USERS**  
**Groupe d'Etudes UTILISATEURS WAGONS**  
**Studiengruppe WAGENVERWENDER**

- As there is nothing after point 7.6, the tank load unit data is to be inserted, including the RID load

Components	Code	Irregularities/Criteria/Notes	Action to be taken	Category
<b>Tank load units</b>	7.6			
<b>Connecting elements tank body/ underframe</b>	7.6.1			
	7.6.1.1	Crack > 1/4 of the section transverse (across the cradle or the cross-stays)	} if empty: K If loaded: detach	4
	7.6.1.2	Cracks in the weld seams		4
<i>Tank*</i>	7.6.2			
	7.6.2.1	Not tight: leaks or loss of load	Have sealed. If not possible: detach wagon	5
	7.6.2.2	Distorted with sharp edges but no risk of loss of load	Rectify	4
<b>Tank equipment</b>	7.6.3	Tank cladding, sun roof, insulation		
	7.6.3.1	- damaged	Rectify	4
	7.6.3.2	- loose	Detach wagon	5
<b>Reinforcement, filling and emptying equipment,</b>	7.6.4			
	7.6.4.1	Loss of load	Rectify, if not possible: detach wagon	5
	7.6.4.2	Valves or spouts defective	Detach wagon	4
		Screw cap must be tightly sealed and not missing		
	7.6.4.3	- RID load	Detach wagon	4



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**Groupe d'Etudes UTILISATEURS WAGONS**  
**Studiengruppe WAGENVERWENDER**

Securing bolt, blind flange:

7.6.4.6	- RID load** one or more securing bolts missing	Detach	4
7.6.4.7	- Non-RID load: one securing bolt missing	Rectify. If not possible: detach	3
7.6.4.8	-Non-RID load** several securing bolts missing	Rectify. If not possible: detach	5

Bottom valve indicator device not in "closed" position on both sides

7.6.4.9	- loaded load units, and empty wagons that have not been cleaned	Close bottom valve. If not possible: detach wagon	5
7.6.4.10	- empty load unit (non-RID load)	Close bottom valve. If not possible: detach wagon	3
7.6.4.11	Bottom valve emergency control device screwed in (tank-mounted valve open)	Unscrew emergency control device. If not possible: detach wagon	5
7.6.4.12	Filling and emptying equipment open	Rectify. If not possible: detach wagon	5
7.6.4.13	Visible locking devices	Rectify. If not possible: detach wagon	4

**Reinforcement, filling and emptying equipment, above**

7.6.5			
7.6.5.1	Loss of load or of gas near the upper reinforcements (does not concern ventilation devices)	Detach wagon	5
	<ul style="list-style-type: none"> <li>• odour</li> <li>• signs of recent or persistent leakage</li> </ul>		
7.6.5.2	Dome cover open or missing	Close or have closed.	5