



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### Working Party on Brakes and Running Gear

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Item 13(b) of the provisional agenda

**Other business - Revision and extension of approvals**

**Proposal for collective amendments to Regulations Nos. 13 (Heavy vehicle braking), 13-H (Brakes of M<sub>1</sub> and N<sub>1</sub> vehicles), 30 (Tyres for passenger cars and their trailers), 54 (Tyres for commercial vehicles and their trailers), 55 (Mechanical couplings), 78 (Braking [category L vehicles]), 79 (Steering equipment) and 90 (Replacement braking parts).**

**Submitted by the International Organization of Motor Vehicle Manufacturers\***

The text reproduced below was prepared by the experts from the International Organization of Motor Vehicle Manufacturers (OICA) to introduce the concept of "revision of approvals" into the UN Regulations under GRRF responsibility. The modifications to the current text of the Regulation are marked in bold for new or strikethrough for deleted characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106, ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

## I. Proposal

### A. Regulation No. 13 (Heavy vehicle braking)

Paragraph 7.1. to 7.3., amend to read:

"7.1. Every modification ~~of the~~ **to an existing** vehicle type or of its braking equipment with regard to the characteristics in Annex 2 to this Regulation shall be notified to the Type Approval Authority which approved the vehicle type. ~~That department may~~ **The Type Approval Authority shall** then either:

- (a) **decide, in consultation with the manufacturer, that a new type-approval is to be granted; or**
- (b) **apply the procedure contained in paragraph 7.1.1. (Revision) and, if applicable, the procedure contained in paragraph 7.1.2. (Extension).**

#### 7.1.1. **Revision**

**When particulars recorded in the information documents of Annex 2 have changed and the Type Approval Authority considers that the modifications made are unlikely to have an appreciable adverse effect and that in any case the vehicle still meets the requirements, the modification shall be designated a "revision".**

**In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 2 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 2, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.**

~~or~~

#### 7.1.2. **Extension**

**The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information documents of Annex 2,**

- (a) **further inspections or tests are required; or**
- (b) **any information on the communication document (with the exception of its attachments) has changed; or**
- (c) **approval to a later series of amendments is requested after its entry into force.**

~~Require a further report from the Technical Service responsible for carrying out the tests.~~

7.2. Confirmation or refusal of approval, specifying the alterations, shall be communicated by the procedure specified in paragraph 4.3. above to the Parties to the Agreement which apply this Regulation. **In addition, the index to the information documents and to the test reports, attached to the communication document of Annex 2, shall be amended accordingly to show the date of the most recent revision or extension.**

- 7.3. The Type Approval Authority issuing the extension of approval shall assign a series number to each communication form drawn up for such an extension ~~and inform thereof the other Contracting Parties to the 1958 Agreement by means of a communication form conforming to the model in Annex 2 to this Regulation.~~"

## B. Regulation No. 13-H (Brakes of M<sub>1</sub> and N<sub>1</sub> vehicles)

*Paragraph 7.1 to 7.3., amend to read:*

- "7.1. Every modification ~~of the~~ **to an existing** vehicle type or of its braking system shall be notified to the ~~Administrative Department~~ **Type Approval Authority** which approved the vehicle type. ~~That department may~~ **The Type Approval Authority shall** then either:
- (a) **decide, in consultation with the manufacturer, that a new type-approval is to be granted; or**
  - (b) **apply the procedure contained in paragraph 7.1.1. (Revision) and, if applicable, the procedure contained in paragraph 7.1.2. (Extension).**
- 7.1.1. **Revision**
- When particulars recorded in the information documents of Annex 1 have changed and the Type Approval Authority considers that the modifications made are unlikely to have appreciable adverse effect, and that in any case the vehicle still meets the requirements, the modification shall be designated a "revision". ~~or~~**
- In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 1 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 1, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.**
- 7.1.2. **Extension**
- The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information folder,**
- (a) **further inspections or tests are required; or**
  - (b) **any information on the communication document (with the exception of its attachments) has changed; or**
  - (c) **approval to a later series of amendments is requested after its entry into force.**
- ~~require a further test report from the Technical Service responsible for carrying out the tests.~~
- 7.2. Notice of confirmation, extension, or refusal of approval shall be communicated by the procedure specified in paragraph 4.3. above, to the Contracting Parties to the Agreement which apply this Regulation. **In addition, the index to the information documents and to the test reports, attached to the communication document of Annex 1, shall be amended accordingly to show the date of the most recent revision or extension.**

- 7.3. The Competent Authority issuing the extension of approval shall assign a series of numbers to each communication form drawn up for such an extension."

### C. Regulation No. 30 (Tyres for passenger cars and their trailers)

Paragraph 7.1. to 7.4., amend to read:

- "7.1. Every modification ~~of the~~ **to an existing** type of pneumatic tyre shall be notified to the ~~Administrative Department~~ **Type Approval Authority** which approved the type of pneumatic tyre. The ~~department may~~ **Type Approval Authority shall** then either:

- (a) **decide, in consultation with the manufacturer, that a new type-approval is to be granted; or**
- (b) **apply the procedure contained in paragraph 7.1.1. (Revision) and, if applicable, the procedure contained in paragraph 7.1.2. (Extension).**

7.1.1. **Revision**

**When particulars recorded in the information documents of Annex 1 have changed and the Type Approval Authority considers that the modifications made are unlikely to have an appreciable adverse effect and that in any case the pneumatic tyre still complies with the requirements, the modification shall be designated a "revision".**

**In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 1 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 1, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.**

~~or~~

7.1.2. **Extension**

**The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information documents of Annex 1;**

- (a) **further inspections or tests are required; or**
- (b) **any information on the communication document (with the exception of its attachments) has changed; or**
- (c) **approval to a later series of amendments is requested after its entry into force.**

~~Require a further test report from the Technical Service responsible for conducting the tests.~~

- 7.2. A modification of the tread pattern of the tyre shall not be considered to necessitate a repetition of the tests prescribed in paragraph 6. of this Regulation.

- 7.3. Confirmation or refusal of approval, specifying the alterations, shall be communicated by the procedure specified in paragraph 5.3. above to the Parties to the Agreement which apply this Regulation. **In addition, the index to the information documents and to the test reports, attached to the**

communication document of Annex 1, shall be amended accordingly to show the date of the most recent revision or extension.

- 7.4. The ~~competent~~ **Type Approval Authority** issuing the extension of approval shall assign a series number **to each communication form drawn up** for such an extension and ~~inform thereof the other Parties to the 1958 Agreement applying this Regulation by means of a communication form conforming to the model in Annex 1 to this Regulation ."~~

#### D. Regulation No. 54 (Tyres for commercial vehicles and their trailers)

*Paragraph 7.1. to 7.4., amend to read:*

- "7.1. Every modification ~~of a~~ **to an existing** tyre type shall be notified to the ~~administrative department~~ **Type Approval Authority** which approved the tyre type. ~~That department may~~ **The Type Approval Authority shall** then either:

- (a) **decide, in consultation with the manufacturer, that a new type-approval is to be granted; or**
- (b) **apply the procedure contained in paragraph 6.1.1. (Revision) and, if applicable, the procedure contained in paragraph 6.1.2. (Extension).**

##### 7.1.1. **Revision**

**When particulars recorded in the information documents of Annex 1 have changed and the Type Approval Authority considers that the modifications made are unlikely to have an appreciable adverse effect and that, in any case, the tyre still meets the requirements, the modification shall be designated a "revision".**

**In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 1 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 1, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.**

~~or~~

##### 7.1.2. **Extension**

**The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information documents of Annex 1;**

- (a) **further inspections or tests are required; or**
- (b) **any information on the communication document (with the exception of its attachments) has changed; or**
- (c) **approval to a later series of amendments is requested after its entry into force.**

~~require a further test report from the technical service responsible for carrying out the tests.~~

- 7.2. A modification of the tread pattern of the tyre shall not be considered to necessitate a repetition of the tests prescribed in paragraph 6. of this Regulation.

- 7.3. Confirmation or refusal of approval, specifying the alterations, shall be communicated by the procedure specified in paragraph 5.3. above to the Parties to the Agreement which apply this Regulation. **In addition, the index to the information documents and to the test reports, attached to the communication document of Annex 1, shall be amended accordingly to show the date of the most recent revision or extension.**
- 7.4. The ~~Competent~~ **Type Approval** Authority issuing the extension of approval shall assign a series number **to each communication form drawn up** for such an extension. ~~and inform thereof the other Parties to the 1958 Agreement applying this Regulation by means of a communication form conforming to the model in Annex 1 to this Regulation."~~

## E. Regulation No. 55 (Mechanical couplings)

Paragraphs 9.1. to 9.3., amend to read:

"9.1. ~~Any~~ **Every** modification ~~of the~~ **to an existing** type of mechanical coupling device or component, or of the vehicle as defined in paragraph 2.10. shall be notified to the **Type Approval Authority** ~~or technical service~~ which granted the approval. The **Type Approval Authority** ~~or technical service~~ **may shall** then either:

- (a) **decide, in consultation with the manufacturer, that a new type-approval is to be granted, or**
- (b) **apply the procedure contained in paragraph 9.1.1. (Revision) and, if applicable, the procedure contained in paragraph 9.1.2. (Extension).**

### 9.1.1. **Revision**

**When particulars recorded in the information documents of Annexes 1 or 2 have changed and the Type Approval Authority considers that the modifications made are unlikely to have ~~any~~ an appreciable adverse effect and that in any case the device, component or vehicle still conforms to requirements, the modification shall be designated a "revision".**

**In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annexes 1 or 2 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annexes 1 or 2, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.**

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### 9.1.2. **Extension**

**The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information documents of Annexes 1 or 2,**

- (a) **further inspections or tests are required, or**
- (b) **any information on the communication document (with the exception of its attachments) has changed, or**
- (c) **approval to a later series of amendments is requested after its entry into force.**

~~require a further test report.~~

- 9.2. Confirmation ~~of~~, or refusal of approval, specifying the modifications, shall be communicated by the procedure specified in paragraph 8.3. above to the Contracting Parties to the Agreement applying this Regulation. **In addition, the index to the information documents and to the test reports, attached to the communication document of Annexes 1 or 2, shall be amended accordingly to show the date of the most recent revision or extension.**
- 9.3. The Type Approval Authority ~~or technical service issuing an~~ **granting the extension of approval shall assign a series number to each communication form drawn up for such an extension and shall inform the other Contracting Parties applying this Regulation by the procedure prescribed in paragraph 8.3."**

## F. Regulation No. 78 (Braking [category L vehicles])

*Paragraph 7.1. to 7.4., amend to read:*

- "7.1. Every modification ~~of a~~ **to an existing** tyre type shall be notified to the ~~administrative department~~ **Type Approval Authority** which approved the tyre type. ~~That department may~~ **The Type Approval Authority shall** then either:
- (a) **decide, in consultation with the manufacturer, that a new type-approval is to be granted, or**
  - (b) **apply the procedure contained in paragraph 9.1.1. (Revision) and, if applicable, the procedure contained in paragraph 9.1.2. (Extension).**

### 7.1.1. Revision

**When particulars recorded in the information documents of Annex 1 have changed and the Type Approval Authority considers that the modifications made are unlikely to have an appreciable adverse effect and that in any case the vehicle still complies with the requirements, the modification shall be designated a "revision".**

**In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 1 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 1, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.**

~~;~~

### 7.1.2. Extension

**The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information documents of Annex 1 ,**

- (a) **further inspections or tests are required, or**
- (b) **any information on the communication document (with the exception of its attachments) has changed, or**
- (c) **approval to a later series of amendments is requested after its entry into force.**

- 7.2. Confirmation ~~or extension~~ or refusal of approval specifying the alterations shall be communicated by the procedure specified in paragraph 4.3. **above to the Parties to the Agreement applying this Regulation. In addition, the index to the information documents and to the test reports, attached to the communication documents of Annex 1, shall be amended accordingly to show the date of the most recent revision or extension.**
- 7.3. The **Type Approval Authority** issuing the extension of approval shall assign a series number **to each communication form drawn up** for such an extension."

## G. Regulation No. 79 (Steering equipment)

*Paragraph 9.1. to 9.3., amend to read:*

- "9.1. Every modification of the vehicle type shall be notified to the **Type Approval Authority** which granted the approval. The **Type Approval Authority** ~~may~~ **shall** then either:
- (a) **decide, in consultation with the manufacturer, that a new type-approval is to be granted; or**
  - (b) **apply the procedure contained in paragraph 9.1.1. (Revision) and, if applicable, the procedure contained in paragraph 9.1.2. (Extension).**
- 9.1.1. **Revision**
- When particulars recorded in the information documents of Annex 1 have changed and the Type Approval Authority considers that the modifications made are unlikely to have an appreciable adverse effect and that in any case the vehicle still complies with the requirements, the modification shall be designated a "revision".**
- In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 1 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 1, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.**
- ~~;~~
- 9.1.2. **Extension**
- The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information documents of Annex 1:**
- (d) **further inspections or tests are required; or**
  - (e) **any information on the communication document (with the exception of its attachments) has changed; or**
  - (f) **approval to a later series of amendments is requested after its entry into force.**
- ~~require a further test report from the technical service responsible for conducting the tests.~~
- 9.2. Confirmation ~~or extension~~ or refusal of approval specifying the alterations shall be communicated by the procedure specified in paragraph 4.3. **above to the Parties to the Agreement applying this Regulation. In addition, the**



**index to the information documents and to the test reports, attached to the communication documents of Annex 1, shall be amended accordingly to show the date of the most recent revision or extension.**

- 9.3. The **Type Approval Authority** issuing the extension of approval shall assign a series number **to each communication form drawn up** for such an extension ~~and inform thereof the other Parties to the 1958 Agreement applying this Regulation by means of a communication form conforming to the model in Annex 1 to this Regulation.~~"

## H. Regulation No. 90 (Replacement braking parts)

Paragraphs 7.1. to 7.3., amend to read:

- "7.1. Every modification ~~of the~~ **to an existing** replacement part shall be notified to the Type Approval Authority which granted the type approval. ~~The department~~ **Type Approval Authority may shall** then either:

- (a) **decide, in consultation with the manufacturer, that a new type-approval is to be granted; or**
- (b) **apply the procedure contained in paragraph 7.1.1. (Revision) and, if applicable, the procedure contained in paragraph 7.1.2. (Extension).**

### 7.1.1. Revision

**When particulars recorded in the information documents of Annex 1 have changed and the Type Approval Authority consider that the modifications made are unlikely to have appreciable adverse effects and that in any event the replacement part still complies with the requirements, the modification shall be designated a "revision"**

**In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 1 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 1, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.**

~~or~~

### 7.1.2. Extension

**The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information documents of Annex 1:**

- (a) **further inspections or tests are required; or**
- (b) **any information on the communication document (with the exception of its attachments) has changed; or**
- (c) **approval to a later series of amendments is requested after its entry into force.**

~~require a further test report from the technical service responsible for conducting the tests.~~

- 7.2. Confirmation or refusal of approval, specifying the alterations, shall be notified by the procedure specified in paragraph 4.4. above to the Parties to the 1958 Agreement applying this Regulation. **In addition, the index to the information documents and to the test reports, attached to the**

**communication document of Annex 1, shall be amended accordingly to show the date of the most recent revision or extension.**

- 7.3. The ~~Competent~~ **Type Approval** Authority issuing the extension of approval shall assign a series number **to each communication form drawn up** for such an extension. ~~and inform thereof the other Parties to the 1958 Agreement applying this Regulation by means of a communication form conforming to the model in Annex 1 to this Regulation."~~

## **II. Justification**

1. WP.29 adopted the principle of the alignment of the UN Regulations annexed to the 1958 Agreement with that of the EU Whole Vehicle Type Approval (WVTA) Directive 2007/46/EC in order to ease the administrative burden for both manufacturers and approval administrations regarding the extension of existing approvals.
2. In June 2011, WP.29 adopted ECE/TRANS/WP29/2011/152, as amended, which became document ECE/TRANS/WP29/1044/Rev.1. This document primarily aims at providing guidelines for elaborating transitional provisions.
3. One particular section of this document addresses the paragraphs related to extensions and revisions of approvals.
4. The aim of the present document is to provide GRRF a tool for aligning the UN Regulations under the responsibility of GRRF with the guidelines.
5. At the Seventy-fourth session of GRRF in February 2013, some delegations questioned the wording of paragraph 7.1.2.(c), as in their opinion it should better address the case of a new approval rather than that of an extension of approval. The confusion may have come from the wording "is requested" being confused with "requested by the Contracting Party", while the intention of this paragraph is to cover the case of an upgrade of an existing approval, requested by the manufacturer, when the vehicle complies with the requirements of a later series of amendments.

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