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### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

##### 158<sup>th</sup> session

Geneva, 13-16 November 2012

Item 4.7.13 of the provisional agenda

**1958 Agreement – Consideration of draft amendments  
to existing Regulations submitted by GRE**

### **Proposal for Supplement 3 to the 05 series of amendments to Regulation No. 48 (Installation of lighting and light-signalling devices)**

#### **Submitted by the Working Party on Lighting and Light-Signalling\***

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its sixty-seventh session to eliminate certain inconsistencies concerning reversing lamps in the existing text. It is based on ECE/TRANS/WP.29/GRE/2012/18, as amended in para.18 (see ECE/TRANS/WP.29/GRE/67, para. 18). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration.

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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.

*Paragraph 6.4.4.3., amend to read:*

- "6.4.4.3. In length: at the rear of the vehicle  
However, if installed, the two optional devices mentioned in paragraph 6.4.2.2. may be fitted on the side of the vehicle, provided that the requirements of paragraphs 6.4.5.2. and 6.4.6.2. below are fulfilled."

*Paragraph 6.4.5., amend to read:*

- "6.4.5. Geometric visibility  
6.4.5.1. Devices installed at the rear of the vehicle:  
Defined by angles  $\alpha$  and  $\beta$ , as specified in paragraph 2.13.:  
 $\alpha = 15^\circ$  upwards and  $5^\circ$  downwards,  
 $\beta = 45^\circ$  to right and to left if there is only one device,  
 $45^\circ$  outwards and  $30^\circ$  inwards if there are two.  
6.4.5.2. Two optional devices mentioned in paragraph 6.4.2.2. if fitted on the side of the vehicle:  
The geometric visibility is considered to be ensured if the reference axis of the respective device is directed outwards with an angle  $\beta$  not exceeding  $15^\circ$  relative to the median longitudinal plane of the vehicle. The vertical aim of the two optional devices may be directed downwards."

*Paragraph 6.4.6., amend to read:*

- "6.4.6. Orientation  
6.4.6.1. Rearwards  
6.4.6.2. In addition, if the two optional devices mentioned in paragraph 6.4.2.2., are fitted on the side of the vehicle, the provisions of paragraph 6.4.5.2. above shall apply."
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