



## 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 Lighting and Light-Signalling

#### Sixty-fourth session

Geneva, 4–7 October 2010

Item 5(g) of the provisional agenda

**Collective amendments—Regulations No. 48 and 91**

### **Proposal for Supplement 13 to Regulation No. 91 (Side marker lamps)**

#### **Submitted by the experts from the Working Party “Brussels 1952”\***

The text reproduced below was prepared by the expert from the Working Party “Brussels 1952” (GTB) in order to amend the requirements relating to the colour of front side-marker lamps and front side reflex. The modifications to the existing 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 2006–2010 (ECE/TRANS/166/Add.1, 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

Paragraph 7.1., the table, amend to read

“7.1. The intensity of the light emitted by each of the two samples submitted shall be:

7.1. The intensity of the light emitted by each of the two samples submitted shall be:

Side-marker lamp category		SM1	SM2
7.1.1. Minimum intensity	In the axis of reference	4.0 cd	0.6 cd
	Within the specified angular field, other than above	0.6 cd	0.6 cd
7.1.2. Maximum intensity	Within the specified angular field <del>3/</del>	25.0 cd	25.0 cd
	<b>In addition</b>		
	<b>For side marker lamp of the colour</b>	<b>in the angular field from 60° to 90° in horizontal direction and</b>	
	<b>red</b>	<b>± 20° in vertical direction towards the front of the vehicle</b>	
	<b>white</b>	<b>± 20° in vertical direction towards the rear of the vehicle</b>	
		<b>0. 25 cd.</b>	<b>0. 25 cd.</b>
7.1.3. Angular field	Horizontal	± 45 deg.	± 30 deg.
	Vertical	± 10 deg.	± 10 deg.

Paragraph 8.1.; amend to read

“8.1. The side-marker lamp must emit amber light; however it can emit **light of colour:**

red, if the rearmost side-marker lamp is grouped or combined or reciprocally incorporated with the rear position lamp, the rear end-outline marker lamp, the rear fog lamp, the stop lamp, or is grouped with or has part of the light emitting surface in common with the rear retro-reflector;

**white, if the foremost side marker lamp is grouped or combined or reciprocally incorporated with any white front lighting and/or any white front signalling function or is grouped or has part of the light emitting surface in common with the front retro-reflector.”**

## **II. Justification**

1. This proposal corresponds to the proposed amendment to Regulation No. 48 to allow the front side marker and the foremost front side retro-reflector to be white if grouped, combined or reciprocally incorporated with any white front lighting and/or signalling devices. The footnote 3/ becomes part of the text of paragraph 7.1.2.
  2. The same amendment has been already adopted regarding red rear side marker or the rearmost side retro-reflector addressing the same safety concerns to apply the right signal.
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