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### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

##### 161<sup>st</sup> session

Geneva, 12-15 November 2013

Item 4.6.8 of the provisional agenda

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

### **Proposal for Supplement 6 to the 04 series of amendments to Regulation No. 19 (Front fog lamps)**

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

##### **Addendum**

The text reproduced below was prepared in order to clarify the context of the amendments to Regulation No. 19 introduced by ECE/TRANS/WP.29/2013/75. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration, subject to final review by GRE at its October 2013 session.

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\* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and 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 6.4.3., amend to read:

"6.4.3. Photometric requirements

When so adjusted, the front fog lamp shall meet the photometric requirements in the table below (refer also to Annex 4, paragraph 2.2. of this Regulation):

Designated lines or zones	Vertical position* above h + below h -	Horizontal position* left of v: - right of v: +	Luminous intensity (in cd)	To comply
Point 1, 2**	+60°	±45°	85 max	All points
Point 3, 4**	+40°	±30°		
Point 5, 6**	+30°	±60°		
Point 7, 10**	+20°	±40°		
Point 8, 9**	+20°	±15°		
Line 1**	+8°	-26° to +26°	130 max	All line
Line 2**	+4°	-26° to +26°	150 max	All line
Line 3	+2°	-26° to +26°	245 max	All line
Line 4	+1°	-26° to +26°	360 max	All line
Line 5	0°	-10° to +10°	485 max	All line
Line 6 ***	-2.5°	-10° to +10°	2700 min	All line
Line 7 ***	-6.0°	-10° to +10°	< 50 per cent of max. on line 6	All line
Line 8L and R***	-1.5° to -3.5°	-22° and +22°	1,100 min	One or more points
Line 9L and R***	-1.5° to -4.5°	-35° and +35°	450 min	One or more points
Zone D***	-1.5° to -3.5°	-10° to +10°	12,000 max	Whole zone
* The co-ordinates are specified in degrees for an angular web with a vertical polar axis.				
** See paragraph 6.4.3.4.				
*** See paragraph 6.4.3.2. "				

Insert new a paragraph 6.4.3.2., to read:

"6.4.3.2. At the request of the applicant, two front fog lamps constituting a matched pair corresponding to paragraph 4.2.2.5. may be tested separately. In this case the specified requirements for lines 6, 7, 8, 9 and the Zone D in the table in paragraph 6.4.3. apply to half the sum of readings of the right-hand and left-hand side front fog lamp. However each of the two front fog lamps shall meet at least 50 per cent of the minimum value required for line 6. Additionally, each of the two front fog lamps that constitute the matched pair corresponding to paragraph 4.2.2.5. are only required to meet the requirements of line 6 and line 7 from 5° inwards to 10° outwards."