ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Fifty-seventh session
Geneva, 26-30 March 2007
Item 8. of the provisional agenda

PROPOSAL FOR DRAFT AMENDMENTS (REVISION 4) TO REGULATION No. 19

(Front fog lamps)

Submitted by the expert from the Working Party "Brussels 1952" (GTB)

Corrigendum

Note: This document is distributed to the Experts on Lighting and Light-Signalling only.
Throughout the text of the Regulation and its annexes

For foglamp read fog lamp

For "cut-off" read cut-off

Page 13, paragraph 5.7.1.

The existing text correct to read

5.7.1. one or more replaceable light sources approved according to Regulation No. 37, provided that no restriction on the application is made in the table of contents or according to Regulation No. 99.

Page 14, paragraph 5.14.

The existing text correct to read

5.14. In the case of Class F3 the sharpness and linearity of the cut-off shall be tested according to the requirements of Annex 9.

Page 15, paragraph 6.3.3.2.

The existing text correct to read

6.3.3.2. The front fog lamp shall be so adjusted that the cut-off on the aiming-screen is 1.15° below the line h.

Page 17, paragraph 6.4.1.2.

For maintain 13.2 V for a 12 V system, or at other vehicle voltage read maintain 13.5 V for a 12 V system, or at the vehicle voltage

Page 27, Annex 2, paragraph 2.1.

The existing text correct to read

2.1. when testing the photometric performances of any front fog lamp chosen at random according to paragraph 6.4. of this Regulation, no measured value of the luminous intensity may deviate unfavourably by more than 20 per cent.
Page 28, Annex 2, paragraph 2.2.

The existing table correct to read

<table>
<thead>
<tr>
<th>Designated lines or zones</th>
<th>Vertical position */ above h + below h -</th>
<th>Horizontal position */ left of v: - right of v: +</th>
<th>Luminous intensity candela</th>
<th>To comply</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Equivalent 20 per cent</td>
<td>Equivalent 30 per cent</td>
</tr>
<tr>
<td>Point 1, 2 **/</td>
<td>+60°</td>
<td>± 45°</td>
<td>80 max</td>
<td>90 max</td>
</tr>
<tr>
<td>Point 3, 4 **/</td>
<td>+40°</td>
<td>± 30°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Point 5, 6 **/</td>
<td>+30°</td>
<td>± 60°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Point 7, 10 **/</td>
<td>+20°</td>
<td>± 40°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Point 8, 9 **/</td>
<td>+20°</td>
<td>± 15°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line 1 **/</td>
<td>+8°</td>
<td>-26° to +26°</td>
<td>110 max</td>
<td>120 max</td>
</tr>
<tr>
<td>Line 2 **/</td>
<td>+4°</td>
<td>-26° to +26°</td>
<td>130 max</td>
<td>140 max</td>
</tr>
<tr>
<td>Line 3</td>
<td>+2°</td>
<td>-26° to +26°</td>
<td>205 max</td>
<td>220 max</td>
</tr>
<tr>
<td>Line 4</td>
<td>+1°</td>
<td>-26° to +26°</td>
<td>300 max</td>
<td>325 max</td>
</tr>
<tr>
<td>Line 5</td>
<td>0°</td>
<td>-10° to +10°</td>
<td>410 max</td>
<td>445 max</td>
</tr>
<tr>
<td>Line 6</td>
<td>-2.5°</td>
<td>-10° to +10°</td>
<td>1,600 min</td>
<td>1,400 min</td>
</tr>
<tr>
<td>Line 8 L and R ***/</td>
<td>-1.5° to -3.5°</td>
<td>-22° and +22°</td>
<td>640 min</td>
<td>560 min</td>
</tr>
<tr>
<td>Line 9 L and R ***/</td>
<td>-1.5° to -4.5°</td>
<td>-35° and +35°</td>
<td>250 min</td>
<td>225 min</td>
</tr>
<tr>
<td>Zone D</td>
<td>-1° to -3°</td>
<td>-10° to +10°</td>
<td>10,000 max</td>
<td>10,900 max</td>
</tr>
</tbody>
</table>

*/ The co-ordinates are specified in degrees for an angular web with a vertical polar axis.

**/ See paragraph 6.4.3.4. of this Regulation.

***/ See paragraph 6.4.3.2. of this Regulation.

Page 33, Annex 3

The text below Figures 8a and 8b correct to read

The device bearing the approval marking shown in Figure 8a and 8b is a fog lamp of Class "F3", ....

Page 48, Annex 6, paragraph 2.1.2.1.

The existing text correct to read

2.1.2.1. Method

In the case of Class "B" front fog lamps:
(a) at point HV and
(b) point h = 0, v = 2° D in zone D.

In the case of Class "F3" front fog lamps:
(a) intersection VV line with line 6 and
intersection VV line with line 4.

Page 60, Annex 7, paragraph 1.2.1.

For headlamp read front fog lamp

Page 63, Annex 8, paragraph 1.2.1.

For headlamp read front fog lamp

Page 69, Annex 9

The title of the annex correct to read

DEFINITION AND SHARPNESS OF THE CUT-OFF LINE AND AIMING PROCEDURE BY MEANS OF THIS CUT-OFF LINE FOR CLASS F3 FRONT FOG LAMPS

Page 70, Annex 9, paragraph 3.2.

For to paragraph 2.1. read to paragraph 3.1.

Page 70, Annex 9, paragraph 4.1.

For vertically scanning trough read vertically scanning through

For the paragraph 3.1.2. of this annex read paragraphs 4.1.1. to 4.1.3. of this annex

Page 71, Annex 9, paragraph 4.1.3.

Delete between

Page 75, Annex 12

The title of the annex correct to read

REQUIREMENTS IN CASE OF USE OF LED MODULE(S) OR OF LIGHT GENERATORS

Page 77, Annex 12, paragraphs 4. and 4.1.

The existing text correct to read

4. SPECIFIC TESTS

4.1. Filament lamps approved according to Regulation No. 37, gas-discharge light sources approved according to Regulation No. 99 and LED modules are exempted from the tests indicated in paragraphs 4.2.1. to 4.2.3. below.