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Working Party on Lighting and Light-Signalling

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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

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

(b) 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.**
