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INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

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Geneva, 10 - 13 November 2009
Item 4.2.1 of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for Supplement 19 to the 01 series of amendments to Regulation No. 6
(Direction indicators)

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-first session. It is based on ECE/TRANS/WP.29/GRE/2009/19, as amended by Annex IV to the report. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration (ECE/TRANS/WP.29/GRE/61, para. 24).

*/ 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 performance of vehicles. The present document is submitted in conformity with that mandate.

Paragraph 2.1., amend to read:

"2.1. The application for approval of a type of direction indicator shall be submitted by the holder of the trade name or mark or by his duly accredited representative. It shall specify to which category or to which of the categories 1, 1a, 1b, 2a, 2b, 5 or 6 according to Annex 1, the direction indicator belongs and, if it belongs to category 2, whether it has steady luminous intensity (category 2a) or whether it has variable luminous intensity (category 2b) and if the direction indicator may also be used in an assembly of two lamps of the same category. At the choice of the applicant, it will also specify that the device may be installed on the vehicle with different inclinations of the reference axis in respect to the vehicle reference planes and to the ground or rotate around its reference axis; these different conditions of installation shall be indicated in the communication form."

Paragraph 4.2.2.1., amend to read:

"4.2.2.1. One or more of the numbers: 1, 1a, 1b, 2a, 2b, 5 or 6, according to whether the device belongs to one or more categories 1, 1a, 1b, 2a, 2b, 5 or 6 for which approval is sought in accordance with paragraph 2.1.;"

Paragraph 6.1., amend to read:

"6.1. The light emitted by each of the two devices supplied must be in the case of direction indicators of categories 1, 1a, 1b, 2a, 2b, in the reference axes, in the case of direction indicators of categories 5 or 6 in direction A according to Annex 1 of not less than the minimum intensity and of not more than the maximum intensity specified below:

Direction indicator of category	Minimum luminous intensity in cd	Maximum luminous intensity in cd when used as	
		Single lamp	Lamp (single) marked "D" (see paragraph 4.2.2.3.)
1	175	1000	500
1a	250	1200	600
1b	400	1200	600
2a (steady)	50	500	250
2b (variable)	50	1000	500
5	0.6	280	140
6	50	280	140

"

Paragraph 6.1.1., amend to read:

"6.1.1. For an assembly of two or more direction indicator lamps the total intensity shall not exceed the maximum value."

Paragraph 6.4.1.1., amend to read:

"6.4.1.1 In divergence from paragraphs 6.4. and 6.4.1., for category 5 direction indicators, to the rear, a minimum value of 0.6 cd is required throughout the fields specified in Annex 1;"

Paragraph 6.4.3.1., amend to read:

"6.4.3.1 Throughout the fields defined in the diagrams in Annex 1, the intensity of the light emitted must be not less than 0.7 cd for devices of category 1b, not less than 0.3 cd for devices of categories 1, 1a, 2a, 2b and for those of category 2b by day; it shall not be less than 0.07 cd for devices of category 2b by night;"

Paragraphs 6.4.3.2. and 6.4.3.3., shall be deleted

Paragraph 6.4.3.4., renumber as paragraph 6.4.3.2.

Insert new paragraph 14.14., to read:

"14.14. Existing approvals to direction indicator lamps of the categories 3 and 4 approved under this Regulation prior to the introduction of Supplement 16 to the 01 series of amendments, shall remain valid indefinitely."

Annex 1,

The reference and the drawing referring to Categories 3 and 4 (front-side direction indicators),
shall be deleted.

Annex 2,

Item 9, amend to read:

"9. Concise description:

....

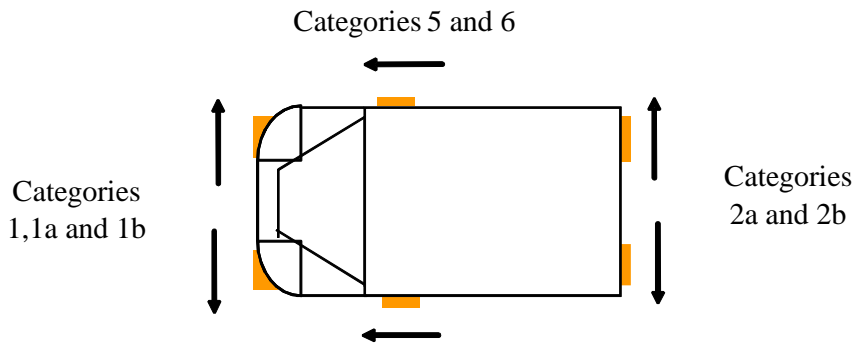
Category: 1, 1a, 1b, 2a, 2b, 5, 6 2/

...."

Annex 3, amend to read:

".....

The direction in which the arrows on the approval mark point, according to the category of the device, is shown below:



..."

Annex 4,

Paragraph 2, the title, amend to read:

"2. Table of standard light distribution in space for direction indicator lamps of categories 1, 1a, 1b, 2a, 2b"

Paragraph 2.1.1., amend to read:

"2.1.1 in the direction $H = 0^\circ$ and $V = 0^\circ$ for categories 1, 1a, 1b, 2a, 2b and in the case of category 5 in the angular area in the direction A as prescribed in Annex 1;"
