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Item 4.6.7 of the provisional agenda

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

Proposal for Supplement 16 to the 01 series of amendments to Regulation No. 53 (Installation of lighting and light- signalling devices for L3 vehicles)

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 seventy-first session (ECE/TRANS/WP.29/GRE/71, para. 59). It is based on ECE/TRANS/WP.29/GRE/2014/9, as amended by Annex II 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.

* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, 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 5.14.4., amend to read:

"5.14.4. Stop lamp, S1 category device specified in Regulation No. 7 or stop lamp specified in Regulation No. 50 (paragraph 6.4.);"

Insert a new paragraph 5.15.4. to read:

"5.15.4. Stop lamp, S3 category device specified in Regulation No. 7 (paragraph 6.4.)."

Paragraphs 6.4.1. to 6.4.6., amend to read:

"6.4.1. Number

One or two approved as a category S1 device according to Regulation No. 7 or stop lamp according to Regulation No. 50.

Optional one approved as a category S3 device according to Regulation No. 7.

6.4.2. Arrangement

No special requirement.

6.4.3. Position

6.4.3.1. For category S1 device specified in Regulation No. 7 or stop lamp specified in Regulation No. 50

In height: not less than 250 mm nor more than 1,500 mm above the ground;

In length: at the rear of the vehicle.

6.4.3.2. For the category S3 device specified in Regulation No. 7

In height: The horizontal plane tangential to the lower edge of the apparent surface shall not be less than 850 mm above the ground.

However, the horizontal plane tangential to the lower edge of the apparent surface shall be above the horizontal plane tangential to the upper edge of the apparent surface of the category S1 device specified in Regulation No. 7 or stop lamp specified in Regulation No. 50.

In length: at the rear of the vehicle."

6.4.4. Geometric visibility

For category S1 device specified in Regulation No. 7 or stop lamp specified in Regulation No. 50

Horizontal angle: 45 degrees to left and to right for a single lamp;

45 degrees outwards and 10 degrees inwards for each pair of lamps;

Vertical angle: 15 degrees above and below the horizontal.

The vertical angle below the horizontal may be reduced to 5 degrees, however, if the height of the lamp is less than 750 mm.

For category S3 device specified in Regulation No. 7

Horizontal angle: 10 degrees to the left and to the right of the longitudinal axis of the vehicle.

Vertical angle: 10 degrees above and 5 degrees below the horizontal.

6.4.5. Orientation

Towards the rear of the vehicle.

6.4.6. Electrical connections

All stop lamps shall light up simultaneously at any service brake application."
