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Item 4.6.9 of the provisional agenda

1958 Agreement:

consideration of draft amendments to existing

UN Regulations submitted by GRE

Proposal for Supplement 21 to the 01 series of amendments to UN 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-ninth (ECE/TRANS/WP.29/GRE/79, para. 36) and eightieth sessions (ECE/TRANS/WP.29/GRE/80, para. 12). It is based on ECE/TRANS/WP.29/GRE/2018/28 and ECE/TRANS/WP.29/GRE/2018/29 and contains further editorial corrections. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their November 2019 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21/Add.1, cluster 3.1), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate

Supplement 21 to the 01 series of amendments to UN Regulation No. 53 (Installation of lighting and light-signalling devices for L₃ vehicles)

Paragraph 2.5.9., amend to read:

"2.5.9. "Stop lamp" means the lamp used to indicate to other road-users to the rear of the vehicle that the longitudinal movement of the vehicle is intentionally retarded."

Paragraph 6.1.1.2., amend to read:

"6.1.1.2. For motorcycles having a cylinder capacity > 125 cm³

One or two of approved type according to:

- (a) Class B, D or E of UN Regulation No. 113;
- (b) UN Regulation No. 112;
- (c) UN Regulation No. 1;
- (d) UN Regulation No. 8;
- (e) UN Regulation No. 20;
- (f) UN Regulation No. 72;
- (g) UN Regulation No. 98;
- (h) Class A, B, D, BS, DS or ES of UN Regulation No. [149].

Two of approved type according to:

- (i) Class C of UN Regulation No. 113;
- (j) Class CS of UN Regulation No. [149]."

Paragraph 6.4.6., amend to read:

"6.4.6. Electrical connections

6.4.6.1. All the stop lamps shall light up simultaneously when the braking system provides the braking signal defined in UN Regulation No. 78.

6.4.6.2. The stop lamps need not to function if the device, which starts and/or stops the engine (propulsion system), is in a position that makes it impossible for the engine (propulsion system) to operate."

Paragraph 6.7.4., amend to read:

"6.7.4. Geometric Visibility

Horizontal angle: 80° to left and to right for a single lamp:

the horizontal angle may be 80° outwards and 20° inwards for each pair of lamps:

Vertical angle: 15° above and below the horizontal.

However, where a lamp is mounted below 750 mm (measured according to the provisions of paragraph 5.7.), the downward angle of 15° may be reduced to 5°."