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Item 4.6.7 of the provisional agenda

1958 Agreement:

consideration of draft amendments to existing

UN Regulations submitted by GRE

Proposal for Supplement 13 to the 06 series of amendments to UN Regulation No. 48 (Installation of lighting and light-signalling devices)

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 eightieth and eighty-first sessions (ECE/TRANS/WP.29/GRE/80, para. 18 and ECE/TRANS/WP.29/GRE/81, para. 16). It is based on ECE/TRANS/WP.29/GRE/2018/41 and ECE/TRANS/WP.29/GRE/2019/5. 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 13 to the 06 series of amendments to UN Regulation No. 48 (Installation of lighting and light-signalling devices)

Insert a new paragraph 2.9.1.6.1., to read:

"2.9.1.6.1. "LED substitute light source" means a LED light source of a category which has a counterpart light source category producing light by another light generating technology."

Paragraph 3.2.5., amend to read:

"3.2.5. A statement of the method used for the definition of the apparent surface (see paragraph 2.10.4.);"

Insert a new paragraph 3.2.8., to read:

"3.2.8. at the discretion of the manufacturer, a statement indicating whether lamps approved for and equipped with LED substitute light sources are allowed to be installed on the vehicle or not and, if this is allowed, which lamps."

Insert a new paragraph 5.11.1.3., to read:

"5.11.1.3. When light-signalling system operates according to paragraph 6.19.7.4."

Paragraphs 5.11.2. and 5.11.3., renumber as 5.11.1.4. and 5.11.2. respectively.

Insert a new paragraph 5.32., to read:

"5.32. The use of lamps approved for and equipped with LED substitute light source(s), is allowed exclusively in the case where the statement indicated in paragraph 3.2.8. is present and positive.

To verify that this statement is respected, both at the type approval and in the conformity of production verification, the presence of the marking on the lamps related to the use of LED substitute light source(s) shall be checked."

Paragraph 6.2.7.7., amend to read:

"6.2.7.7. Without prejudice to paragraph 6.2.7.6., the dipped-beam headlamps may switch ON and OFF automatically relative to other factors such as time or ambient conditions (e.g. time of the day, vehicle location, rain, fog, etc.)."

Paragraph 6.9.8., amend to read:

"6.9.8 Tell-tale

Circuit-closed tell-tale mandatory. This tell-tale shall be non-flashing and shall not be required if the instrument panel lighting can only be switched ON simultaneously with the front position lamps.

This requirement does not apply when light-signalling system operates according to paragraph 6.19.7.4.

However, a tell-tale indicating failure is mandatory if required by the component regulation."

Paragraph 6.10.8., amend to read:

"6.10.8 Tell-tale

Circuit-closed tell-tale mandatory. It shall be combined with that of the front position lamps.

This requirement does not apply when light-signalling system operates according to paragraph 6.19.7.4.

However, a tell-tale indicating failure is mandatory if required by the component regulation."

Paragraph 6.19.7.4., amend to read:

"6.19.7.4. The lamps referred to in paragraph 5.11. may be switched ON when the daytime running lamps are switched ON. If this option is chosen, at least the rear position lamps shall be switched ON."

Annex 1, insert a new item 9.30., to read:

"9.30. Lamps approved for and equipped with LED substitute light source(s) are allowed to be installed on this vehicle type: yes/no^{2,3}

.....
³ If yes, list the applicable lamps."