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Item 4.2.8 of the provisional agenda
1958 Agreement – Consideration of draft amendments to existing Regulations by GRE

Proposal for Supplement 7 to Regulation No. 65 (Special warning lamps)

Submitted by the Working Party on Lighting and Light-Signalling (GRE)*

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its sixty-third session. It is based on ECE/TRANS/WP.29/GRE/2010/7 as amended by Annex VI 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/63, para. 29).

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

Insert a new paragraph 5.2.1., to read:

"5.2.1. The special warning lamp shall be powered directly from the voltage supply network of the vehicle by direct connection or usual connectors (e.g. cigarette lighter plug)."

Annex 5,

Paragraph 6., amend to read:

"6. If the emitted light of a special warning lamp consists of groups of several flashes, the time distance Δ t between the immediately following flashes must be very short.

If the peak to peak distance Δ t is less or equal to 0.04 s, then the pulses in between are evaluated as one flash. If this distance Δ t is longer only the flash with the highest effective intensity is valid. Moreover, the distance is limited depending on the ratio between the effective intensities of the flashes within a group (I_L= max. effective intensity of the highest peak, I_L = max. effective intensity of the lowest peak) as follows:

in case

$$\frac{I_H}{I_L} \rangle\ 10 \qquad \textit{then} \qquad \Delta\,t\,(s)\ \langle\ \frac{1}{3f}$$

in case

$$1 \langle\ \frac{I_H}{I_L}\ \langle\ 10 \qquad \textit{then} \qquad \Delta\,t\,(s) \langle\ \frac{1}{f(5{,}50 - 0{,}25\frac{I_H}{I_L})}$$

"

Insert a new paragraph 7.3.2., to read:

"7.3.2. In the case of a special warning lamp device of Category X which comprises of more than one separate unit, the geometrical arrangement(s) as installed on the vehicle, is(are) acceptable when the partial light distribution of each single separate unit is overlapping with each adjacent partial light distribution inside the horizontal and vertical angular range specified for the Category X."