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Item 4.9.4 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRE

Proposal for Supplement 2 to the original series of UN Regulation No. 149 (Road Illumination 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 eighty-second session (ECE/TRANS/WP.29/GRE/82, paras. 9 and 13). It is based on ECE/TRANS/WP.29/GRE/2019/24 and Annex III 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 at their March 2020 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2020 as outlined in proposed programme budget for 2020 (A/74/6 (part V sect. 20) para 20.37), 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 2 to the original series of UN Regulation No. 149 (Road Illumination Devices)

Insert a new paragraph 5.1.3.7., to read:

"5.1.3.7. Four seconds after ignition of a driving-beam of Classes D or ES, equipped with a gas discharge light source with the ballast not integrated with the light source, and that has not been operated for 30 minutes or more at least 37500 cd shall be attained at point HV, for a headlamp producing driving beam only.

The power supply shall be sufficient to secure the required rise of the high current pulse."

Insert a new paragraph 5.2.2.1., to read:

"5.2.2.1. Four seconds after ignition of a passing-beam of Class D, equipped with a gas discharge light source with the ballast not integrated with the light source, and that has not been operated for 30 minutes or more at least 6250 cd shall be attained at point 50V for headlamps producing passing-beam only or alternately passing- and driving- beam functions.

The power supply shall be sufficient to secure the required rise of the high current pulse."

Paragraph 5.3.2.8.2., amend to read:

"5.3.2.8.2. Other modes:

When signal inputs according to paragraph 5.3.1.4.3. apply, the requirements of the paragraph 5.3.2. shall be fulfilled."

Insert a new paragraph 5.4.4.3.1., to read:

"5.4.4.3.1. Four seconds after ignition of a passing-beam of Class ES which has not been operated for 30 minutes or more, at least 3750 cd must be reached at point 2 (0.86D-V) for headlamps incorporating driving-beam and passing-beam functions or having only a passing-beam function.

The power supply shall be sufficient to secure the required rise of the high current pulse."
