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Item 4.9.7 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRE

Proposal for Supplement 11 to the original series of amendments to UN Regulation No. 65 (Special warning lamps)

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 and eighty-third sessions (ECE/TRANS/WP.29/GRE/82, para. 39 and ECE/TRANS/WP.29/GRE/83, para. 38). It is based on ECE/TRANS/WP.29/GRE/2020/18. 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 2021 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.

** This document was scheduled for publication after the standard publication date owing to circumstances beyond the submitter's control.



Paragraph 1.3., amend to read:

"1.3. The frequency f is the number of flashes or groups of flashes (see Annex 5, para. 6) within one second,"

Paragraph 1.4., amend to read:

"1.4. The "on" time t_H means the period of time within which the luminous intensity of the flashing light is superior to 1/10 of the maximum value (peak value) J_m . In case of groups of several flashes the "on" time shall be measured from the beginning of the first flash of the group to the end of the last flash of the same group."

Paragraph 1.5., amend to read:

"1.5. The "off" time t_D means the period of time within which the luminous intensity of the flashing light is less than 1/100 of the maximum value (peak value) J_m , but not more than 10 cd. In the case of groups of several flashes the "off" time shall be measured from the end of the last flash of the group to the beginning of the first flash of the next group."

Paragraph 2.2.5., amend to read:

"2.2.5. Two samples, in principle for a rated voltage of 12 volts and for only one colour, and eventually two other samples for any other rated voltage in the case where an application is submitted simultaneously or subsequently for approval of special warning lamps of other rated voltages. In this case, it is sufficient to carry out tests according to paragraph 5.6. below"

Annex 5, paragraph 7.1., amend to read:

"7.1. The frequency, the "ON" time and the "OFF" time shall be as specified in the table below

		Colour blue, amber or red
		Rotating system or flashing light sources (Categories T and X)
Frequency f (Hz)	max.	4.0
	min.	2.0
"ON" time t_H (s)	max.	0.4/ f
"OFF" time t_D (s)	min.	0.1

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