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World Forum for Harmonization of Vehicle Regulations

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Item 4.10.2 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRE

Proposal for Supplement 23 to the 04 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 ninety-first session (ECE/TRANS/WP.29/GRE/91, para. 27). It is based on informal document GRE-88-17 and ECE/TRANS/WP.29/GRE/2023/13. 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 2025 sessions.

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

** In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in proposed programme budget for 2025 (A/79/6 (Sect. 20), table 20.6), 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.

Paragraph 5.10.4.3., amend to read:

"5.10.4.3. In case of doubt, the requirement above shall be deemed fulfilled if the luminous intensity of the red light emitted to the front and/or the white light emitted to the rear, as verified during type approval of the lamps, is not more than 0.25 cd per lamp taking into account the influence of the vehicle body if applicable."

Paragraph 6.5.8., amend to read:

"6.5.8. Tell-tale

Operating tell-tale mandatory for direction-indicator lamps of categories 1, 1a, 1b, 2a and 2b. It may be visual or auditory or both. If it is visual, it shall be a flashing light which, at least in the event of the malfunction of any of these direction-indicator lamps, is either extinguished, or remains alight without flashing, or shows a marked change of frequency. If it is entirely auditory it shall be clearly audible and shall show a marked change of frequency, at least in the event of the malfunction of any of these direction-indicator lamps.

It shall be activated by the signal produced according to:

- paragraph 6.2.2. of UN Regulation No. 6, or
- paragraph 5.6.3. of the 00 series of amendments to UN Regulation No. 148, or
- paragraph 4.6.1.4. of the 01 series of amendments to UN Regulation No. 148, or
- another suitable way.

If a motor vehicle is equipped to draw a trailer, it shall be fitted with a special visual operational tell-tale for the direction-indicator lamps on the trailer unless the tell-tale of the drawing vehicle allows the failure of any one of the direction-indicator lamps on the vehicle combination thus formed to be detected.

For the optional direction-indicator lamps on motor vehicles and trailers, operating tell-tale shall not be mandatory."
