

**Economic and Social Council**

Distr.: General
7 August 2025

Original: English

Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Lighting and Light-Signalling****Ninety-third session**

Geneva, 21-23 October 2025

Item 6 (a) of the provisional agenda

Installation UN Regulations:**UN Regulation No. 48 (Installation of Lighting and Light-Signalling Devices)****Proposal for a new Supplement to the 06 to 09 series of amendments to UN Regulation No. 48 concerning activation of direction-indicator lamps****Submitted by the expert from the International Organization of Motor Vehicle Manufacturers***

The text reproduced below was prepared by the experts from the International Organization of Motor Vehicle Manufacturers (OICA) with the aim to clarify the requirements for the activation of direction-indicator lamps, to ensure compatibility with automated systems as permitted under UN Regulation No. 171. The modifications to the existing text of the UN Regulation are marked in bold for the new text.

* In accordance with the programme of work of the Inland Transport Committee for 2023 as outlined in proposed programme budget for 2023 (A/77/6 (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.

I. Proposal

Paragraph 6.5.7., amend to read:

"6.5.7. Direction-indicator lamps shall switch ON independently of the other lamps. All direction-indicator lamps on one side of a vehicle shall be switched ON and OFF by means of one control **and/or automatically** and shall flash in phase."

II. Justification

1. The current requirements in UN Regulation No. 48 do not fully accommodate the functionalities introduced by driver assistance systems, particularly those outlined in the newly adopted 01 series of amendments to UN Regulation No. 171 (Driver Control Assistance Systems).
 2. These systems, as defined in the 01 series of amendments to UN Regulation No. 171, may autonomously activate direction-indicator lamps during specific manoeuvres such as lane changes. However, the existing wording in paragraph 6.5.7. of UN Regulation No. 48 may be interpreted as requiring manual control of all direction-indicator lamps, thereby potentially restricting the implementation of such automated features.
 3. This proposal aims to:
 - Clarify that direction-indicator lamps may be activated independently of other lamps, including through driver assistance systems.
 - Ensure that the operation of direction-indicator lamps remains consistent and in phase, regardless of whether activation is manual or automatic.
 - Align the provisions of UN Regulation No. 48 with the functionalities permitted under UN Regulation No. 171, thereby supporting the safe and harmonized deployment of driver assistance systems.
 4. The 01 series of amendments to UN Regulation No. 171 was adopted by the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) at its September 2024 session (based on ECE/TRANS/WP.29/GRVA/2024/32 as amended by informal document GRVA-20-59/Rev.2) and by the World Forum (WP.29) at its March 2025 session (ECE/TRANS/WP.29/2025/7).
-