



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

Geneva, 24–27 October 2023

Item 6 (a) of the provisional agenda

Installation UN Regulations:**UN Regulation No. 48 (Installation of Lighting and Light-Signalling Devices)****Revised proposal for transitional provisions of the 09 series of amendments to UN Regulation No. 48****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 introduce longer transitional provisions for heavy commercial vehicles and trailers subject to UN Regulation No. 48. This document is a revised version of ECE/TRANS/WP.29/GRE/2020/8/Rev.3 as modified by informal document GRE-88-22. The modifications to the existing text are marked in bold for new and strikethrough for deleted characters.

* 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 12.8., amend to read:

- “12.8. Transitional provisions applicable to the [09] series of amendments.
- 12.8.1. As from the official date of entry into force of the [09] series of amendments, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept type approvals under this Regulation as amended by the [09] series of amendments.
- 12.8.2. For vehicles of categories M, N₁, O₁ and O₂:
- 12.8.2.1. As from 1 September [2027] Contracting Parties applying this Regulation shall not be obliged to accept type approvals to the preceding series of amendments, first issued after 1 September [2027].
- 12.8.2.2. Until 1 September [2030], Contracting Parties applying this Regulation shall accept type approvals to the preceding series of amendments, first issued before 1 September [2027].
- 12.8.2.3. As from 1 September [2030], Contracting Parties applying this Regulation shall not be obliged to accept type approvals, and extensions thereof, issued to the preceding series of amendments to this Regulation.
- 12.8.3. For vehicles of categories N₂, N₃, O₃ and O₄:
- 12.8.3.1. As from 1 September [2028] Contracting Parties applying this Regulation shall not be obliged to accept type approvals to the preceding series of amendments, first issued after 1 September [2028].
- 12.8.3.2. Until 1 September [203~~4~~2], Contracting Parties applying this Regulation shall accept type approvals to the preceding series of amendments, first issued before 1 September [2028].
- 12.8.3.3. As from 1 September [203~~4~~2], Contracting Parties applying this Regulation shall not be obliged to accept type approvals, and extensions thereof, issued to the preceding series of amendments to this Regulation.
- 12.8.4. Notwithstanding the transitional provisions above, Contracting Parties who start to apply this Regulation after the date of entry into force of the most recent series of amendments are not obliged to accept type approvals which were granted in accordance with any of the preceding series of amendments to this Regulation.
- 12.8.5. Notwithstanding paragraphs 12.8.2.3. and 12.8.3.3., Contracting Parties applying this Regulation shall continue to accept type approvals to the preceding series of amendments to this Regulation, for the vehicle types which are not affected by the changes introduced by the [09] series of amendments.
- 12.8.6. Contracting Parties applying this Regulation may grant type approvals according to any preceding series of amendments to this Regulation.
- 12.8.7. Contracting Parties applying this Regulation shall continue to grant extensions of existing approvals to any preceding series of amendments to this Regulation.”

II. Justification

1. For vehicle categories N₂, N₃, O₃ and O₄ only, OICA would like to request an additional year for the implementation of the 09 series of amendments to UN Regulation No. 48 into the all-vehicle registrations date. This will create a four-year gap between the new types date and the all registrations date.

2. For heavy commercial vehicles and trailers the lifetime of a vehicle platform is very long, 20 years is not uncommon. Even after the introduction of a new platform, the previous platform will for a period of time remain in production for specific markets and for special vehicle configurations. In particular, special cabs for firefighting trucks, defence vehicles etc. Those special vehicles are not updated due to their low volume and continue to use the previous electrical architecture and suspension systems.
 3. The 09 series of amendments mandates automatic headlamp levelling, and for some vehicle configurations this cannot be fitted without a major redesign of the vehicle suspension. For existing vehicle registrations this would require a redesign of lamps that were approved according to a previous series of amendments. These are changes that require a lot of resources, competing with the resources needed for development of electrification, automation, and active safety systems.
 4. The industry needs a proportionate amount of time to be able to respond to regulatory changes and whilst levelling has been discussed for several years, the final aiming diagram, the device transition, and the Special Interest Group (SIG) work were not foreseen.
 5. There is no change to the existing 3-year gap to all-registrations date for vehicle categories M, N₁, O₁ and O₂.
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