

Improvements to GRE/2023/27-Rev.1

This document is a revised proposal to amend ECE/TRANS/WP.29/GRE/2023/27/Rev.1 which is submitted to the ninetieth session of the Working Party on Lighting and Light-Signalling (GRE). The proposed modifications to the current text are marked in bold for new or strikethrough for deleted characters.

The text highlighted in yellow indicates the latest changes introduced by WP.29 informal document WP.29-192-15e - Proposed amendments to Transitional Provisions Guidelines Document ECE/TRANS/WP29/1044/ Rev.3.

The text highlighted in turquoise indicates the changes to GRE-90-21.

I. Proposal

Insert new paragraphs 13.3. to 13.3.7., to read:

"13.3 Transitional Provisions Applicable to the 07 Series of Amendments

For vehicles and ESAs

13.3.1. As from the official date of entry into force of the 07 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 07 series of amendments.

13.3.2. As from 1 September 2029, Contracting Parties applying this Regulation shall not be obliged to accept type approvals to **any of** the preceding series of amendments, first issued after 1 September 2029.

13.3.3. Contracting Parties applying this Regulation shall continue to accept type approvals issued according to **any of the preceding the 06** series of amendments to this Regulation first issued before 1 September 2029.

13.3.4. Notwithstanding paragraph 13.3.3., Contracting Parties applying this Regulation shall continue to accept type approvals issued according to the **06** series of amendments to this Regulation, for vehicles, vehicle systems, equipment and parts which are not affected by the changes introduced by the 07 series of amendments.

Contracting Parties applying this Regulation shall also continue to accept type approvals issued according to any of the previous series of amendments to this Regulation first issued before 1 September 2029, provided the transitional provisions in these respective previous series of amendments foresee this possibility.

13.3.5. 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 / are only obliged to accept type approval granted in accordance with the 07 series of amendments.

13.3.6. Contracting Parties applying this Regulation may grant type approvals according to any **of the** previous series of amendments to this Regulation.

13.3.7. Contracting Parties applying this Regulation shall continue to grant extensions of existing approvals to any **of the** preceding series of amendments to this Regulation."

Existing text in GRE/2023/27 Rev.1:

Insert new paragraphs 13.3. to 13.3.5., to read:

~~"[13.3 — Transitional provisions applicable to the 07 series of amendments~~

~~————— For vehicles~~

~~13.3.1. — As from the official date of entry into force of the 07 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 07 series of amendments.~~

~~13.3.2. — As from 1 September 2029, Contracting Parties applying this Regulation shall not be obliged to accept type approvals to the preceding series of amendments, first issued after 1 September Date 2029.~~

~~13.3.3. — Contracting Parties applying this Regulation shall continue to accept type approvals issued according to the preceding series of amendments to this Regulation first issued before 1 September 2029.~~

~~13.3.4. — Notwithstanding paragraph 13.3, Contracting Parties applying this Regulation shall continue to accept type approvals issued according to the preceding series of amendments to this Regulation, for the vehicles/vehicle systems which are not affected by the changes introduced by the 07 series of amendments.~~

~~13.3.5. — Contracting Parties applying this Regulation may grant type approvals according to any preceding series of amendments to this Regulation.~~

~~13.3.6. — Contracting Parties applying this Regulation shall continue to grant extensions of existing approvals to any preceding series of amendments to this Regulation.~~

~~————— For ESAs~~

~~13.3.7. — As from the official date of entry into force of the 07 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 07 series of amendments.~~

~~13.3.8. — As from 1 September Date 2029, Contracting Parties applying this Regulation shall not be obliged to accept type approvals to the preceding series of amendments, first issued after 1 September 2029.~~

~~13.3.9. — Contracting Parties applying this Regulation shall continue to accept type approvals to the preceding series of amendments to this Regulation, first issued before 1 September 2029.~~

~~13.3.10. — Notwithstanding paragraph 13.3.9., Contracting Parties applying this Regulation shall continue to grant and accept type approvals for devices (equipment and parts) on the basis of any previous series of amendments, provided that the devices (equipment and parts) are intended as replacements for fitting to vehicles in use and that it is not technically feasible for the devices (equipment and parts) in question to satisfy the new requirements contained in this Regulation as amended by the 07 series of amendments.~~

~~13.3.11. — Notwithstanding paragraph 13.3.9., Contracting Parties applying this Regulation shall continue to accept type approvals of the equipment or parts issued according to the preceding series of amendments to this Regulation which are not affected by the 07 series of amendments~~

~~13.3.12. Contracting Parties applying this Regulation shall not refuse to grant type approvals according to any preceding series of amendments to this Regulation or extensions thereof."~~

II. Justification

1. During the 43rd meeting of the IWG EMC, the Chair proposed a consolidated version of transitional provisions applying to both vehicles and ESAs – see document IWG-EMC-43-02.
2. OICA made additional minor editorial changes to paragraph 13.3.4. of the Chair's proposal which can be seen in document IWG-EMC-43-07.
3. Following the meeting, Netherlands proposed to align with the new guidelines for transitional provisions where the words 'any of' are inserted to clarify the application to all preceding series of amendments to avoid different interpretation.
4. OICA has reviewed the latest guidelines for transitional provisions ECE/TRANS/WP29/1044/ Rev.3. and further developed the transitional provisions as laid out above.
5. In terms of the date proposed, OICA proposes a lead time of 5 years to ensure vehicle components and systems can be successfully approved in the new frequency range from 2 to 6 GHz. There are many test laboratories that do not currently have the capability to carry-out testing in this higher frequency range. New antenna and adequate power amplifiers need to be purchased and integrated into test laboratories. It is also necessary to check field calibration and update the laboratory accreditation to include this equipment.
6. It is foreseen that any shorter lead time would place a significant strain on the test capacity of laboratories and vehicle manufacturers as they prepare to meet the stricter requirements, given the equipment needs to be put into place before testing can even begin.