



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

Geneva, 26-30 April 2021 (online)

Item 1 of the provisional agenda

Adoption of the agenda**Annotated provisional agenda for the eighty-fourth session* ****

to be held virtually, starting at 12.30 p.m. on 26 April 2021 and concluding at 3.00 p.m. on 30 April 2021.

I. Provisional agenda

1. Adoption of the agenda.
2. 1998 Agreement – UN Global Technical Regulations: Development.
3. 1997 Agreement – Rules: Development.
4. Simplification of lighting and light-signalling UN Regulations.
 - (a) Activities of the Informal Working Group "Simplification of the Lighting and Light-Signalling Regulations";
 - (b) UN Regulation No. 148 (Light-signalling devices);
 - (c) UN Regulation No. 149 (Road illumination devices);
 - (d) UN Regulation No. 150 (Retro-reflective devices);
 - (e) Simplification of UN Regulations Nos. 48, 53, 74 and 86.
5. UN Regulations Nos. 37 (Filament lamps), 99 (Gas discharge light sources), 128 (Light emitting diodes light sources) and the Consolidated Resolution on the common specification of light source categories.

* Before the session, documents may be downloaded from the ECE Sustainable Transport Division's website (<https://unece.org/transport/events/wp29gre-working-party-lighting-and-light-signalling-84th-session>). For the translation of official documents, delegates can access the public Official Document System (ODS) on the following website: documents.un.org/.

** Delegates are requested to register online with the registration system on the ECE website (<https://indico.un.org/event/35290/>). Based on the registrations received information for access to the virtual meeting will be provided.

6. UN Regulation No. 48 (Installation of lighting and light-signalling devices):
 - (a) Proposals for amendments to the latest series of amendments;
 - (b) Proposals for new series of amendments to UN Regulation No. 48.
7. Other UN Regulations:
 - (a) UN Regulation No. 86 (Installation of lighting and light-signalling devices for agricultural vehicles);
 - (b) UN Regulation No. 149 (Road illumination devices).
8. Other business:
 - (a) Development of the International Whole Vehicle Type Approval;
 - (b) Amendments to the Convention on Road Traffic (Vienna, 1968);
 - (c) Obsolete transitional provisions.
9. New business and late submissions.
10. Direction of future work of GRE.
11. Provisional agenda for the next session.

II. Annotations

1. Adoption of the agenda

In accordance with Chapter III, Rule 7 of the Rules of Procedure of the World Forum for Harmonization of Vehicle Regulations (WP.29) (TRANS/WP.29/690, Amend. 1 and Amend. 2), the first item on the provisional agenda is its adoption.

Documentation: ECE/TRANS/WP.29/GRE/2021/1

2. 1998 Agreement – UN Global Technical Regulations: Development

The Working Party on Lighting and Light-Signalling (GRE) may wish to resume consideration of this subject, awaiting new proposals and sponsors to develop a UN Global Technical Regulation (UN GTR). At its previous session, the Chair recalled that GRE was awaiting further progress in automated/autonomous vehicles, and particularly, if their light-signalling functions could become a subject for a new UN GTR.

Documentation: ECE/TRANS/WP.29/GRE/82, para. 5

3. 1997 Agreement – Rules: Development

GRE will consider new proposals for amendments to the Rules, if any.

4. Simplification of lighting and light-signalling UN Regulations

(a) Activities of the Informal Working Group "Simplification of the Lighting and Light-Signalling Regulations"

GRE will be informed about the progress of the Informal Working Group "Simplification of the Lighting and Light-Signalling Regulations" (IWG SLR).

(b) UN Regulation No. 148 (Light-signalling devices)

GRE will revert to the draft modifications that were developed by IWG SLR under stage 2 of simplification.

Documentation: Informal documents GRE-83-09 and GRE-83-10

(c) **UN Regulation No. 149 (Road illumination devices)**

GRE is invited to consider a proposal by IWG SLR that aims to insert in UN Regulation No. 45 a missing reference to UN Regulation No. 149.

Documentation: ECE/TRANS/WP.29/GRE/2021/7

GRE will also recall the draft modifications that were developed by IWG SLR under stage 2 of simplification.

Documentation: Informal documents GRE-83-24 and GRE-83-25

(d) **UN Regulation No. 150 (Retro-reflective devices)**

GRE will revert to the draft modifications that were developed by IWG SLR under stage 2 of simplification.

Documentation: Informal documents GRE-83-26 and GRE-83-27

(e) **Simplification of UN Regulations Nos. 48, 53, 74 and 86**

GRE will address a revised proposal by IWG SLR for a new series of amendments to UN Regulation No. 48 that introduces new requirements for headlamp levelling, in particular for the vertical inclination in relation to the dipped-beam headlamp mounting height and allows manual levelling only for off-road vehicles.

Documentation: ECE/TRANS/WP.29/GRE/2020/8/Rev.2

5. UN Regulations Nos. 37 (Filament lamps), 99 (Gas discharge light sources), 128 (Light emitting diodes light sources) and the Consolidated Resolution on the common specification of light source categories

GRE may expect a progress report from the Task Force on Substitutes and Retrofits (TF SR) and will consider an updated set of proposals for amendments to the Consolidated Resolution on the common specification of light source categories (R.E.5) and to UN Regulations Nos. 37 and 128 which introduce Light Emitting Diode (LED) replacement light sources.

Documentation: ECE/TRANS/WP.29/GRE/2020/15/Rev.1,
ECE/TRANS/WP.29/GRE/2020/16/Rev.1,
ECE/TRANS/WP.29/GRE/2020/17,
ECE/TRANS/WP.29/GRE/2021/3, Informal documents GRE-83-15,
GRE-84-02, GRE-84-03

6. UN Regulation No. 48 (Installation of lighting and light-signalling devices)

(a) **Proposals for amendments to the latest series of amendments**

GRE will address a revised proposal submitted by the expert of the International Automotive Lighting and Light Signalling Expert Group (GTB) with the aim to allow for projection of driver assistance symbols, on the road ahead of the vehicle, as part of the adaptive driving beam. This proposal is submitted in a package with an amendment to UN Regulation No. 149.

Documentation: ECE/TRANS/WP.29/GRE/2020/4/Rev.1

GRE will consider a revised proposal submitted by the experts from France and Germany that allows the use of manufacturer logos inside the illuminant surface of a signalling lamps. This proposal is submitted together with an amendment to UN Regulation No. 148.

Documentation: ECE/TRANS/WP.29/GRE/2020/5/Rev.1

GRE will address a proposal submitted by the expert of GTB with the aim to clarify the determination of the apparent surface.

Documentation: ECE/TRANS/WP.29/GRE/2021/5

GRE is invited to review a proposal by the expert from Germany that clarifies the installation requirements of the foremost side-marker lamps.

Documentation: ECE/TRANS/WP.29/GRE/2021/8

(b) Proposals for new series of amendments to UN Regulation No. 48

GRE is invited to consider a proposal for a new series of amendments prepared by the experts from the Special Interest Group that defines the switching conditions of dipped-beam and Daytime Running Lamps (DRL) and the variable intensity of rear lamps in conjunction with traffic conditions.

Documentation: ECE/TRANS/WP.29/GRE/2021/4

GRE will address a proposal for a new series of amendments submitted by the expert from Japan that introduces parking conditions in the scope of UN Regulation No. 48 to minimize glare and distraction for other road users.

Documentation: ECE/TRANS/WP.29/GRE/2021/2

7. Other UN Regulations

(a) UN Regulation No. 86 (Installation of lighting and light-signalling devices for agricultural vehicles)

GRE is invited to review a revised proposal for a new series of amendments by the experts from the European Agricultural Machinery Association (CEMA) that improves lateral lighting on vehicles, which are longer than 4.6 m, and takes into account asymmetric vehicles designs.

Documentation: ECE/TRANS/WP.29/GRE/2020/7/Rev.1

(b) UN Regulation No. 149 (Road illumination devices)

GRE will address a proposal submitted by the expert of GTB with the aim to insert missing text.

Documentation: ECE/TRANS/WP.29/GRE/2021/6

8. Other business

(a) Development of the International Whole Vehicle Type Approval

GRE will be informed about the progress of the International Whole Vehicle Type Approval (IWVTA) and of the electronic Database for the Exchange of Type Approval documentation (DETA).

(b) Amendments to the Convention on Road Traffic (Vienna, 1968)

GRE will be informed about considerations of the Global Forum for Road Traffic Safety (WP.1) at its recent session and about liaison between GRE and WP.1 on common issues.

(c) Obsolete transitional provisions

GRE is invited to consider a discussion paper submitted by the experts from Italy and the Netherlands.

Documentation: Informal document GRE-80-06

9. New business and late submissions

GRE may also consider new issues and/or documents which were received after the annotated provisional agenda had been submitted for translation.

10. Direction of future work of GRE

GRE will review its possible future activities, including the signalling requirements for automated/autonomous vehicles.

11. Provisional agenda for the next session

GRE may wish to provide guidance on the provisional agenda for the next session.
