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World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Eighty-seventh session

Geneva, 25–28 October 2022

Item 1 of the provisional agenda

Adoption of the agenda

Annotated provisional agenda for the eighty-seventh session* **,

starting at 10.00 a.m. on 25 October 2022 and concluding at 1.00 p.m. on 28 October 2022

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.
5. UN Regulations on Light Sources and the Consolidated Resolution on the Common Specification of Light Source Categories.
6. Installation UN Regulations:
 - (a) UN Regulation No. 48 (Installation of Lighting and Light-Signalling Devices);

* For reasons of economy, delegates are requested to bring copies of all relevant documents to the session. There will be no documentation available in the conference room. Before the session, documents may be downloaded from the ECE Sustainable Transport Division's website: <https://unece.org/transportvehicle-regulations/working-party-lighting-and-light-signalling-introduction>. On an exceptional basis, documents may also be obtained by email (gre@unece.org) or by fax (+41 22 917 00 39). During the session, official documents may be obtained from the UNOG Documents Distribution Section (Room C.337, third floor, Palais des Nations). 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/1000537/>). Upon arrival at the Palais des Nations, delegates should obtain an identification badge at the UNOG Security and Safety Section, located at the Pregny Gate (14, Avenue de la Paix). In case of difficulty, please contact the secretariat by telephone (ext. 74323). For a map of the Palais des Nations and other useful information, please see: www.unece.org/meetings/practical.html.



- (b) UN Regulation No. 53 (Installation of Lighting and Light-Signalling Devices for L₃ Vehicles).
- 7. Device UN Regulations.
- 8. UN Regulation No. 10 (Electromagnetic Compatibility).
- 9. Other UN Regulations.
- 10. Other Business:
 - (a) Development of the International Whole Vehicle Type Approval;
 - (b) Amendments to the Convention on Road Traffic (Vienna, 1968);
 - (c) Miscellaneous.
- 11. Direction of Future Work of GRE.
- 12. Provisional Agenda for the Next Session.
- 13. Election of Officers.

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/Rev.2), the first item on the provisional agenda is its adoption.

Documentation: ECE/TRANS/WP.29/GRE/2022/9

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).

3. 1997 Agreement – Rules: Development

GRE will recall that, at its previous session, it supported the concept on vehicle whole-life compliance that had been prepared by the Informal Working Group on Periodical Technical Inspections (IWG PTI).

Documentation: Informal document GRE-86-04

4. Simplification of Lighting and Light-Signalling UN Regulations

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

GRE will consider draft amendments to UN Regulations Nos. 148, 149 and 150 prepared by IWG SLR which introduce summary documents that will be placed in the electronic Database for the Exchange of Type Approval documentation (DETA) to support the use of the Unique Identifier (UI).

Documentation: ECE/TRANS/WP.29/GRE/2022/10,
ECE/TRANS/WP.29/GRE/2022/11,
ECE/TRANS/WP.29/GRE/2022/12

In this context, GRE is also invited to address a proposal by the International Motor Vehicle Inspection Committee (CITA) that ensures the availability of sufficient information on the device for periodic and roadside inspections.

Documentation: ECE/TRANS/WP.29/GRE/2022/13

GRE will be informed about the activities of IWG SLR on a new series of amendments to UN Regulation No. 48 that introduces revised requirements for the headlamp levelling.

5. UN Regulations on Light Sources and the Consolidated Resolution on the Common Specification of Light Source Categories

GRE will consider amendment proposals to the Consolidated Resolution on the Common Specification of Light Source Categories (R.E.5) which were prepared by the expert from the International Automotive Lighting and Light-Signalling Expert Group (GTB).

Documentation: ECE/TRANS/WP.29/GRE/2022/26

6. Installation UN Regulations

(a) UN Regulation No. 48 (Installation of Lighting and Light-Signalling Devices)

GRE will address a proposal tabled by the expert from Germany that introduces vehicles with a driving system which controls its operation and may be operated by driver support features, automated driving features or by an Automated Driving System (ADS).

Documentation: ECE/TRANS/WP.29/GRE/2022/14

GRE is invited to consider a proposal by the experts from GTB that corrects and clarifies the failure provisions.

Documentation: ECE/TRANS/WP.29/GRE/2022/17

GRE will consider corrections proposed by the experts from GTB.

Documentation: ECE/TRANS/WP.29/GRE/2022/18

GRE may wish to address draft amendments tabled by the experts from GTB which clarify and standardize the use of flashing side marker lamp for all types of vehicles.

Documentation: ECE/TRANS/WP.29/GRE/2022/19

GRE will consider a proposal by the experts from GTB that corrects and clarifies the provisions for matched pairs.

Documentation: ECE/TRANS/WP.29/GRE/2022/20

GRE will address a proposal prepared by the experts from GTB that extends to passing-beam headlamps of adaptive front-lighting systems (AFS) the possibility of projecting driver assistance symbols and patterns. This proposal is accompanied by a draft amendment to UN Regulation No. 149.

Documentation: ECE/TRANS/WP.29/GRE/2022/21

GRE is invited to consider a correction made by the experts from the International Organization of Motor Vehicle Manufacturers (OICA).

Documentation: ECE/TRANS/WP.29/GRE/2022/24

GRE will address a proposal the expert from the International Association of the Body and Trailer Building Industry (CLCCR) that increases the number of manoeuvring lamps on trailers according to the length of the trailer.

Documentation: ECE/TRANS/WP.29/GRE/2022/25

At the previous session, GRE agreed to revert to the GTB proposal to remove the minimum distance between the left and right front/rear position lamps.

Documentation: ECE/TRANS/WP.29/GRE/2022/2

GRE will receive a report on the progress of the Special Interest Group (SIG) on the 09 series of amendments to UN Regulation No. 48 and will consider a proposal by SIG that add the park condition of a vehicle in the scope of UN Regulation No. 48 and minimize glare and distraction to other road users.

Documentation: ECE/TRANS/WP.29/GRE/2022/27

(b) UN Regulation No. 53 (Installation of Lighting and Light-Signalling Devices for L₃ Vehicles)

GRE is invited to address a proposal for a new 04 series of amendments to UN Regulation No. 53 that was submitted by the experts from Czechia and Germany, with the aim to improve road safety by limiting the headlamp classes and to ensure the compatibility with the electric propulsion systems.

Documentation: ECE/TRANS/WP.29/GRE/2022/15

GRE will consider draft amendments prepared by the experts from the International Motorcycle Manufacturers Association (IMMA) with the aim to enable the use of Rear-End Collision Alert Signal (RECAS) on vehicles of category L₃.

Documentation: ECE/TRANS/WP.29/GRE/2022/23

7. Device UN Regulations

GRE will consider an amendment proposal to UN Regulation No. 149 (Road illumination devices) submitted by the experts from GTB that aims to correct the Conformity of Production (CoP) values in Tables 26, 27, 28 and 29.

Documentation: ECE/TRANS/WP.29/GRE/2022/22

8. UN Regulation No. 10 (Electromagnetic compatibility)

GRE will be informed about the progress of the Informal Working Group on Electromagnetic Compatibility (IWG EMC) and will consider any proposals prepared by IWG EMC.

9. Other UN Regulations

GRE will address a proposal for amendments to UN Regulation No. 65 (Special warning lamps) that was prepared by the expert from Germany.

Documentation: ECE/TRANS/WP.29/GRE/2022/16

10. 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), including the use of DETA in the context of Unique Identifier (UI).

(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) **Miscellaneous**

GRE may also consider other issues and/or documents received after the submission of the present annotated provisional agenda.

11. Direction of Future Work of GRE

GRE will review its possible future activities. In particular, GRE will be informed about the progress of the Task Force on Autonomous Vehicle Signalling Requirements (TF AVSR) and the liaison with the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) with a view to obtaining guidance on potential light-signalling requirements for autonomous vehicles.

12. Provisional Agenda for the Next Session

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

13. Election of Officers

In compliance with Rule 37 of the Rules of Procedure (ECE/TRANS/WP.29/690/Rev.2) and as elaborated in informal document WP.29-187-18 (please also refer to ECE/TRANS/WP.29/1166, paras. 28 and 29), GRE will elect the Chair and Vice-Chair for the sessions scheduled for the year 2023.
