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**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 1 of the provisional agenda

**Adoption of the agenda****Annotated provisional agenda for the eighty-ninth session\* \*\***

starting at 9.30 a.m. on 24 October 2023 and concluding at 12.30 p.m. on 27 October 2023

**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);
  - (b) UN Regulation No. 86 (Installation of Lighting and Light-Signalling Devices for Agricultural Vehicles);
  - (c) UN Regulation No. 53 (Installation of Lighting and Light-Signalling Devices for L<sub>3</sub> Vehicles).

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\* 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 website (<https://unece.org/info/events/event/375736>). 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 the official documents, delegates can access the public Official Document System (ODS) (<http://documents.un.org/>).

\*\* Delegates are requested to register online with the registration system on the ECE website (<https://indico.un.org/event/1002248/>). 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](http://www.unece.org/meetings/practical.html).



7. Device UN Regulations.
  - (a) UN Regulation No. 149 (Road Illumination Devices);
  - (b) UN Regulation No. 150 (Retro-Reflective Devices).
8. UN Regulation No. 10 (Electromagnetic Compatibility).
9. Other UN Regulations.
10. Pending Amendment Proposals.
11. Other Business:
  - (a) Development of the International Whole Vehicle Type Approval;
  - (b) Amendments to the Convention on Road Traffic (Vienna, 1968);
  - (c) Miscellaneous.
12. Direction of Future Work of GRE.
13. Provisional Agenda for the Next Session.
14. 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/2023/11

### **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 eighty-sixth 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). GRE will be informed about WP.29 considerations of this concept.

**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 address IWG SLR proposals for amendments to UN Regulation No. 48 that corrects a reference to UN Regulation No. 148.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/13

GRE is also invited to consider IWG SLR proposals that clarify and correct the text of various series of amendments to UN Regulation Nos. 148, 149 and 150.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/14,  
ECE/TRANS/WP.29/GRE/2023/15,  
ECE/TRANS/WP.29/GRE/2023/16

At its previous session, GRE reviewed UN Regulations under its purview for the purposes of the Unique Identifier (UI) (GRE-88-26) and classified them as follows:

- (a) Obsolete device UN Regulations that had been frozen in the course of two freezing exercises;
- (b) New simplified device UN Regulations Nos. 148, 149 and 150;
- (c) Installation UN Regulations Nos. 48, 53, 74 and 86;
- (d) Light sources UN Regulations Nos. 37, 99 and 128; and
- (e) Standalone UN Regulations Nos. 10, 45 and 65.

GRE agreed that UI could be used for the group (b) above, but definitely not for (a) and probably not for (c) and (d). GRE decided to revert to this topic at this session, including the issue of additional markings.

**Documentation:** Informal document GRE-88-26

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

GRE is invited to consider editorial corrections to UN Regulations Nos. 37 (Filament light sources) and 128 (Light emitting diodes light sources) that were submitted by the experts from the International Automotive Lighting and Light Signalling Expert Group (GTB).

**Documentation:** ECE/TRANS/WP.29/GRE/2023/24,  
ECE/TRANS/WP.29/GRE/2023/25

## 6. Installation UN Regulations

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

GRE will address a proposal that was prepared by the experts GTB with the aim to clarify using of daytime running lamps (DRL) with other lamps.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/19

GRE will consider a proposal by the experts from GTB that improves the definition of photometric stability. This proposal is accompanied by an amendment proposal to the 01 series of amendments to UN Regulation No. 148

**Documentation:** ECE/TRANS/WP.29/GRE/2023/20

GRE is invited to address revised amendment proposals that were prepared by the Task Force on Autonomous Vehicle Signalling Requirements (TF AVSR).

**Documentation:** ECE/TRANS/WP.29/GRE/2023/9/Rev.1

GRE will recall that, at its previous session, it adopted a new 09 series of amendments to UN Regulation No. 48 and decided to submit the proposal to the March 2024 session of WP.29. At the session in October 2023, GRE agreed to editorially confirm these proposals without modifying their substantial content and requirements. To this end, GRE suggested that a consolidated text of the draft 09 series of amendments to UN Regulation No. 48 be prepared.

In this context, GRE is invited to consider a revised proposal for the transitional provisions in the draft 09 series of amendments to UN Regulation No. 48 that 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.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/28

**(b) UN Regulation No. 86 (Installation of Lighting and Light-Signalling Devices for Agricultural Vehicles)**

GRE will address amendment proposals that were prepared by the experts from the European Agricultural Machinery Association (CEMA) with the aim to take into account wider vehicles of categories R, T and S, to allow using of reflective materials as an alternative to retro-reflectors and to provide editorial corrections.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/12

In conjunction with these proposals and at the CEMA request, GRE experts from Contracting Parties are invited to clarify their national rules for the installation of special amber warning devices (UN Regulation No. 65).

The experts of CEMA will also provide more details about their previous proposal to use conspicuity markings as an alternative to side marker lamps.

**(c) UN Regulation No. 53 (Installation of Lighting and Light-Signalling Devices for L<sub>3</sub> Vehicles)**

GRE will consider a proposal by the expert from Germany that introduces adaptive front-lighting systems (AFS) for motorcycles. This proposal comes in a package with an amendment proposal to UN Regulation No.149 (Road illumination devices).

**Documentation:** ECE/TRANS/WP.29/GRE/2023/17

## **7. Device UN Regulations**

**(a) UN Regulation No. 149 (Road Illumination Devices)**

GRE is invited to address a proposal that was prepared by the experts from GTB with the aim to remove the failure mode and light source failure detection requirements for the cornering lamp.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/18

GRE will consider a proposal by the experts of GTB that modifies the photometric stability test point of the passing beam and AFS Class C.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/23

**(b) UN Regulation No. 150 (Retro-Reflective Devices)**

GRE will consider a proposal by the experts from GTB that aligns the procedure to follow in case of a surface reflection for both coefficient of luminous intensity (CIL) measurement and colour measurement.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/21

## **8. UN Regulation No. 10 (Electromagnetic Compatibility)**

GRE will be informed about the activities of the Informal Working Group on Electromagnetic Compatibility (IWG EMC).

GRE will consider a draft new 07 series of amendments UN Regulation No. 10 prepared by IWG EMC.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/27

GRE may also wish to address a proposal for a corrigendum to the 06 series of amendments to UN Regulation No. 10 prepared by IWG EMC.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/26

## 9. Other UN Regulations

GRE is invited to consider a proposal for amendments to UN Regulation No. 45 (Headlamp cleaners) that was prepared by the experts from GTB with the aim to cover all passing beams (AFS or not) of the 00 and 01 series to UN Regulation No. 149 and to make corrections.

**Documentation:** ECE/TRANS/WP.29/GRE/2023/22

GRE will address proposals for amendments to other UN Regulations, if available.

## 10. Pending Amendment Proposals

GRE will recall that, at its previous session, it adopted GRE-88-17 as a Supplement to the 03, 04 and 05 series of amendments to UN Regulation No. 48 but decided to postpone the submission of these amendments to WP.29, in order to combine them with future amendment proposals to the same series of amendments.

**Documentation:** Informal document GRE-88-17

## 11. 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.

## 12. Direction of Future Work of GRE

GRE will be informed about the progress of TF AVSR and will consider a possible upgrade of this Task Force into an Informal Working Group.

GRE will recall that, at its previous session, experts generally supported establishing a new UN Regulation on the Automated Driving Systems (ADS) status indicator, while some participants mentioned that the option of a new UN GTR should also be explored. In June 2023, the Chair reported the outcome of the GRE discussion to the Administrative Committee for Coordination of Work (AC.2). GRE will be informed about the guidance received from AC.2 and WP.29.

## 13. Provisional Agenda for the Next Session

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

## 14. 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.

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