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World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Eighty-third session

Geneva, 21–24 April 2020

Item 1 of the provisional agenda

Adoption of the agenda

Annotated provisional agenda for the eighty-third session* **

to be held at the Palais des Nations, Geneva, starting at 9.30 a.m. on 21 April 2020 and concluding at 5.30 p.m. on 24 April 2020.

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.

* 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://uncdb.unece.org/app/ext/meeting-registration?id=vgsLCX>). On an exceptional basis, documents may also be obtained by email (gre@unece.org). 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://uncdb.unece.org/app/ext/meeting-registration?id=2lzPim>). 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.

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- (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).
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.
 6. UN Regulation No. 48 (Installation of lighting and light-signalling devices):
 - (a) Proposals for amendments to the 05 and 06 series of amendments;
 - (b) Proposals for new series of amendments to UN Regulation No. 48.
 7. Other UN Regulations:
 - (a) UN Regulation No. 53 (Installation of lighting and light-signalling devices for L₃ vehicles);
 - (b) UN Regulation No. 65 (Special warning lamps);
 - (c) UN Regulation No. 86 (Installation of lighting and light-signalling devices for agricultural vehicles);
 - (d) UN Regulations Nos. 98 (Headlamps with gas-discharge light sources) and 123 (Adaptive front lighting systems).
 8. Other business:
 - (a) Development of the International Whole Vehicle Type Approval;
 - (b) Amendments to the Convention on Road Traffic (Vienna, 1968);
 - (c) Decade of action for road safety 2011–2020;
 - (d) 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/2020/1

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 review 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. 48.

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

GRE is invited to consider draft amendments which were prepared by IWG SLR with the aim to insert missing text and to correct errors inadvertently introduced in UN Regulation No. 148.

Documentation: ECE/TRANS/WP.29/GRE/2020/9

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

GRE will address a proposal submitted by the expert of the International Automotive Lighting and Light Signalling Expert Group (GTB) that aims to allow the 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. 48.

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

GRE is invited to consider draft amendments which were prepared by IWG SLR that aim to correct errors inadvertently introduced in UN Regulation No. 149.

Documentation: ECE/TRANS/WP.29/GRE/2020/10

GRE will review a proposal by the expert from IMMA that allows the installation of Adaptive Driving Beams (ADB) on vehicles of category L₃. This proposal is submitted in a package with amendment proposals to UN Regulation No. 53.

Documentation: ECE/TRANS/WP.29/GRE/2020/13

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

GRE will review a proposal for correction of Annex 24 that was prepared by IWG SLR.

Documentation: ECE/TRANS/WP.29/GRE/2020/12

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 their proposal for an amendment to the Consolidated Resolution on the common specification of light source categories (R.E.5) which introduces a new Light Emitting Diode (LED) substitute light source category H11/LED/6 for road illumination applications.

Documentation: ECE/TRANS/WP.29/GRE/2020/6

GRE will recall that, at its previous session, it had adopted the requirements for LED substitute light sources for UN Regulation No. 149 (ECE/TRANS/WP.29/GRE/2019/19), but had postponed their submission to WP.29 and AC.1 with the intention to include them in the future 01 series of amendments to UN Regulation No. 149.

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

(a) Proposals for amendments to the 05 and 06 series of amendments

GRE will consider a proposal which was prepared by the expert from Poland with the aim to add a reference to the installation parameters of the licence plate illumination lamps.

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

GRE will review a proposal tabled by the expert from the Russian Federation that clarifies the height requirements for the installation of the dipped-beam headlamp, reversing lamp and rear fog lamp for vehicles of category G (designed for off-road use).

Documentation: ECE/TRANS/WP.29/GRE/2020/3

GRE will address a proposal submitted by the expert of 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

GRE will review 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

GRE may wish to revert to the proposal by the expert from Germany that allows the manual switch-off of all lighting devices in vehicles used by authorities responsible for maintaining public order.

Documentation: ECE/TRANS/WP.29/GRE/81, para. 26, Informal document GRE-82-41-Rev.1, ECE/TRANS/WP.29/GRE/2019/14

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

GRE will address a proposal which was prepared by IWG SLR with the intention to introduce new requirements for headlamp levelling, in particular for the vertical inclination in relation to the dipped-beam headlamp mounting height.

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

GRE is invited to consider a revised 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/2020/14

7. Other UN Regulations

(a) UN Regulation No. 53 (Installation of lighting and light-signalling devices for L₃ vehicles)

GRE will review a proposal by the expert from IMMA that allows the installation of ADB on vehicles of category L₃. This proposal is submitted in a package with amendment proposals to UN Regulation No. 149.

Documentation: ECE/TRANS/WP.29/GRE/2020/13

(b) UN Regulation No. 65 (Special warning lamps)

At the previous session, the expert from Poland proposed to clarify the definition of the "on" time for the case of a group of flashes. The expert from GTB pointed out that the GTB Working Group Photometry had recently considered an alternative wording for the same purpose. GRE invited both experts to submit a new proposal to this session.

Documentation: Informal document No. GRE-82-09, ECE/TRANS/WP.29/GRE/82, para. 38

GRE will also recall that, at its previous session, it had adopted the corrections proposed by GTB (ECE/TRANS/WP.29/GRE/2019/17) but had postponed their submission to WP.29 and AC.1, in order to combine them with the results of the discussion reflected in the previous paragraph.

Documentation: ECE/TRANS/WP.29/GRE/2019/17, ECE/TRANS/WP.29/GRE/82, para. 39

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

GRE is invited to review a proposal 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

(d) UN Regulations Nos. 98 (Headlamps with gas-discharge light sources) and 123 (Adaptive front lighting systems)

GRE will consider a proposal for corrections submitted by IWG SLR.

Documentation: ECE/TRANS/WP.29/GRE/2020/11

8. Other business

(a) Development of the International Whole Vehicle Type Approval

GRE may expect an oral report from the GRE Ambassador on the International Whole Vehicle Type Approval (IWVTA) and any required follow-up actions.

GRE will be informed about the progress of the electronic Database for the Exchange of Type Approval documentation (DETA).

Documentation: Informal document GRE-83-02

GRE will note that WP.29, at its session in November 2019, had encouraged the subordinate Working Parties (GRs) to review the question raised by IWG on DETA concerning the application of the Unique Identifier (UI) together with markings and to provide guidance on how to proceed based on two options:

- Option 1: Using UI and keeping installation marking and information on the part.
- Option 2: Using UI only for the approval marking and providing open access to the communication document, which would also contain the necessary installation marking.

Documentation: ECE/TRANS/WP.29/1149, paras. 65–67

(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, in particular on the signalling requirements for automated/autonomous vehicles.

(c) Decade of action for road safety 2011–2020

GRE will be invited to share and discuss national and international developments in road safety and lighting and light-signalling.

(d) 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.
