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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

#### Seventy-seventh session

Geneva, 4-7 April 2017

Item 1 of the provisional agenda

#### Adoption of the agenda

### Annotated provisional agenda for the seventy-seventh session\* \*\*

to be held at the Palais des Nations, Geneva, starting at 9.30 a.m. on 4 April 2017 and concluding at 5.30 p.m. on 7 April 2017.

## I. Provisional agenda

1. Adoption of the agenda.
2. 1998 Agreement - Global Technical Regulations: Development.

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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 UNECE Sustainable Transport Division's website ([www.unece.org/trans/main/wp29/wp29wgs/wp29gre/greage.html](http://www.unece.org/trans/main/wp29/wp29wgs/wp29gre/greage.html)). On an exceptional basis, documents may also be obtained by e-mail ([gre@unece.org](mailto: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/](http://documents.un.org/)

\*\* Delegates are requested to register online with the new registration system on the UNECE website (<https://www2.unece.org/uncdb/app/ext/meeting-registration?id=mRq0ti>). 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.htm](http://www.unece.org/meetings/practical.htm).



3. 1997 Agreement - Rules: Development.
4. Simplification of lighting and light-signalling Regulations.
5. 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. Regulation No. 48 (Installation of lighting and light-signalling devices):
  - (a) Proposals for amendments to the 05 and 06 series of amendments;
  - (b) Other proposals for amendments to Regulation No. 48.
7. Other Regulations:
  - (a) Regulation No. 6 (Direction indicators) and Regulation No. 50 (Position, stop, direction indicator lamps for mopeds and motorcycles);
  - (b) Regulation No. 10 (Electromagnetic compatibility);
  - (c) Regulation No. 53 (Installation of lighting and light-signalling devices for L<sub>3</sub> vehicles);
  - (d) Regulation No. 112 (Headlamps emitting an asymmetrical passing-beam);
  - (e) Regulation No. 123 (Adaptive front-lighting systems).
8. Other business:
  - (a) Amendments to the Convention on Road Traffic (Vienna, 1968);
  - (b) Decade of action for road safety 2011-2020;
  - (c) Development of the International Whole Vehicle Type Approval;
  - (d) Phantom light and colour washout.
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/2017/1

### 2. 1998 Agreement - 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 Global Technical Regulation.

**Documentation:** ECE/TRANS/WP.29/GRE/71, para. 5

### 3. 1997 Agreement – Rules: Development

GRE may wish to consider new proposals for amendments to Rules Nos. 1 and 2, if any.

### 4. Simplification of lighting and light-signalling Regulations

GRE will be informed about the WP.29 considerations of the pending amendment proposals submitted by GRE to the March 2017 session of WP.29 with the aim to consolidate the existing Regulations before their freezing and superseding by the three new Regulations that are being drafted.

GRE will also note the progress of the Informal Working Group "Simplification of the Lighting and Light-Signalling Regulations" (IWG SLR) and will consider any proposals prepared by IWG SLR. In particular, IWG SLR is expected to present its initial plans for stage 2 of the simplification process. GRE experts will be invited to provide their views on this issue.

### 5. 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 will be informed that WP.29, at its November 2016 session, adopted the Consolidated Resolution on the common specification of light source categories (ECE/TRANS/WP.29/2016/111) and assigned it number R.E.5. This Resolution will enter into force on the same date with the corresponding amendments to Regulations Nos. 37, 99 and 128.

**Documentation:** ECE/TRANS/WP.29/2016/111 and ECE/TRANS/WP.29/1126, para. 99

GRE will consider proposals for amendments to Regulation No. 128 and to the Consolidated Resolution (R.E.5) by the expert from the International Automotive Lighting and Light Signalling Expert Group (GTB) which introduce requirements and test specifications for light emitting diode (LED) substitute light sources as well as several new LED substitute light source categories (ECE/TRANS/WP.29/GRE/2017/2 and ECE/TRANS/WP.29/GRE/2017/3). These proposals should be considered in conjunction with collective proposals to amend Regulations Nos. 48, 53, 74, 86 with the requirements for LED substitute light sources (ECE/TRANS/WP.29/GRE/2017/4).

**Documentation:** ECE/TRANS/WP.29/GRE/2017/2,  
ECE/TRANS/WP.29/GRE/2017/3,  
ECE/TRANS/WP.29/GRE/2017/4, Informal documents GRE-77-02  
and GRE-77-03

GRE is also invited to consider proposals for amendments to Regulation No. 128 and to the Consolidated Resolution (R.E.5) by the expert from GTB which introduce requirements and test specifications for LED forward lighting light sources and a new LED forward lighting light source category L1.

**Documentation:** ECE/TRANS/WP.29/GRE/2017/5,  
ECE/TRANS/WP.29/GRE/2017/6, Informal document GRE-77-04

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

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

At its previous session, GRE had decided to postpone consideration of a proposal by the expert from GTB which clarifies inconsistencies and corrects the terminology in Regulation No. 48.

**Documentation:** ECE/TRANS/WP.29/GRE/2016/24

GRE will revert to the amendment proposals on external status indicators, as contained in Regulations Nos. 97 and 116, prepared by the experts from Germany and the International Organization of Motor Vehicle Manufacturers (OICA).

**Documentation:** ECE/TRANS/WP.29/GRE/2016/33, Informal document GRE-76-17

### **(b) Other proposals for amendments to Regulation No. 48**

GRE will be informed about the activities of the Informal Working Group on Visibility, Glare and Levelling (IWG VGL) and draft proposals prepared by IWG VGL.

**Documentation:** ECE/TRANS/WP.29/GRE/76, para. 21 and Annex III

## **7. Other Regulations**

### **(a) Regulation No. 6 (Direction indicators) and Regulation No. 50 (Position, stop, direction indicator lamps for mopeds and motorcycles)**

At its previous session, GRE adopted the amendment proposals to Regulations Nos. 6 and 50 that clarify the requirements for direction indicators with sequential activation. At the same time, GRE was not in a position to reach consensus on whether or not the proposals would require a new series of amendments and/or transitional provisions and decided to come back to this issue.

**Documentation:** ECE/TRANS/WP.29/GRE/76, para. 22 and Annex IV

### **(b) Regulation No. 10 (Electromagnetic compatibility)**

GRE will be informed about the activities of the Task Force on Electromagnetic Compatibility (TF EMC) and will consider any proposals prepared by TF EMC.

### **(c) Regulation No. 53 (Installation of lighting and light-signalling devices for L<sub>3</sub> vehicles)**

At its previous session, GRE had agreed to revert to the proposal for the 03 series of amendments to Regulation No. 53 by the expert from Japan regarding a new requirement for automatic switching from the daytime running lamp to the headlamp (ECE/TRANS/WP.29/GRE/76, para. 28).

**Documentation:** ECE/TRANS/WP.29/GRE/2016/35, Informal documents GRE-76-03 and GRE-76-06

### **(d) Regulation No. 112 (Headlamps emitting an asymmetrical passing-beam)**

At the previous session, the expert of GTB had proposed to remove the design-specific requirement of a minimum objective flux (1,000 lm) for LED and halogen light sources and to replace it with a technology-neutral and performance-based requirement (GRE-76-04-Rev.1). GRE decided to keep this issue on the agenda and to pass it to IWG SLR at a later stage (ECE/TRANS/WP.29/GRE/76, para. 30).

**Documentation:** Informal documents GRE-76-25 and GRE-76-04-Rev.1

(e) **Regulation No. 123 (Adaptive front-lighting systems)**

GRE will revert to the proposal by the expert from GTB which aligns the conformity of production procedures with the other headlamp Regulations and which simplifies the test methods and requirements relating to conformity of production.

**Documentation:** ECE/TRANS/WP.29/GRE/2016/28

## 8. Other business

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

GRE will be informed about considerations of the Working Party on Road Traffic Safety at its March 2017 session.

(b) **Decade of action for road safety 2011-2020**

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

(c) **Development of the International Whole Vehicle Type Approval**

GRE may expect an oral report from the GRE Ambassador on the activities concerning the International Whole Vehicle Type Approval (IWVTA) and any required follow-up actions. GRE will also be briefed on the ongoing depository procedures for the entry into force of Revision 3 of the 1958 Agreement.

GRE will be informed that WP.29, at its November 2016 session, noted a request by IWG on IWVTA to clarify the individual Regulations on lighting and light-signalling devices with a requirement that light sources in these devices should be type approved pursuant to Regulations Nos. 37, 99 or 128. WP.29 invited GRE, in cooperation with IWG, to consider how to better address this issue, taking into account the IWVTA objectives, the ongoing process of the simplification of lighting and light-signalling Regulations and the fact that not all light sources were covered by Regulations Nos. 37, 99 and 128 (ECE/TRANS/WP.29/1126, para. 62).

At its previous session, GRE decided to consider under this agenda item the use of the Unique Identifier and the issue of supplements, new series of amendments and transitional provisions (ECE/TRANS/WP.29/GRE/76, paras. 11 and 33).

(d) **Phantom light and colour washout**

GRE will be informed about the progress of the study conducted in Germany.

**Documentation:** Informal document GRE-75-16

## 9. New business and late submissions

GRE may wish to consider new issues and/or documents which might be submitted after the issuance of the annotated provisional agenda.

At its previous session, GRE agreed to resume a discussion on the performance of automotive systems, in particular the ones relying on software, in conditions other than those tested during the type approval test procedures (ECE/TRANS/WP.29/GRE/76, para. 42).

**Documentation:** Informal documents WP.29-168-15 and WP.29-169-13

**10. Direction of future work of GRE**

GRE may wish to be informed about the activities of GTB task forces and to provide guidance, if required.

**11. Provisional agenda for the next session**

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

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