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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

### Working Party on General Safety Provisions

#### 127th session

Geneva, 15–19 April 2024

Item 1 of the provisional agenda

#### Adoption of the Agenda

### Provisional Agenda for the 127th session<sup>\*,\*\*</sup>

to be held at the Palais des Nations, starting at 2.30 p.m. CET on 15 April 2024 and concluding at 12.30 p.m. on 19 April 2024.

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\* Before the session, documents may be downloaded from the ECE Sustainable Transport Division's website (<https://unece.org/info/Transport/Vehicle-Regulations/events/387535>). For the translations of the official documents, delegates can access the public Official Document System (ODS) on the following website: <http://documents.un.org/>.

\*\* Delegates are requested to register online with the registration system on the ECE website (<https://indico.un.org/event/1007111/>).



## I. Provisional Agenda

1. Adoption of the Agenda.
2. Amendments to Regulations on Buses and Coaches:  
UN Regulation No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles).
3. Amendments to Safety Glazing Regulations:
  - (a) UN Global Technical Regulation No. 6 (Safety glazing);
  - (b) UN Regulation No. 43 (Safety glazing).
4. Awareness of the Proximity of Vulnerable Road Users:
  - (a) UN Regulation No. 46 (Devices for indirect vision);
  - (b) UN Regulation No. 158 (Reversing motion);
  - (c) UN Regulation No. 159 (Moving Off Information System);
  - (d) UN Regulation No. 166 (Vulnerable Road Users in Front and Side Close Proximity);
  - (e) UN Regulation No. 167 (Vulnerable Road Users Direct Vision).
5. Amendments to External Projections Regulations:
  - (a) UN Regulation No. 26 (External projections of passenger cars);
  - (b) UN Regulation No. 61 (External projections of commercial vehicles).
6. UN Regulation No. 35 (Foot controls).
7. UN Regulation No. 39 (Speedometer and Odometer).
8. UN Regulation No. 66 (Strength of superstructure (buses)).
9. UN Regulation No. 147 (Mechanical couplings for Agricultural Vehicles).
10. Amendments to Regulations on Gas-Fuelled Vehicles:
  - (a) UN Regulation No. 67 (Liquefied Petroleum Gas vehicles);
  - (b) UN Regulation No. 110 (Compressed Natural Gas and Liquefied Natural Gas vehicles).
11. Amendments to the Regulations on Devices against Unauthorized Use, Immobilizers and Vehicle Alarm systems:
  - (a) UN Regulation No. 116 (Anti-theft and alarm systems);
  - (b) UN Regulation No. 161 (Devices against Unauthorized Use);
  - (c) UN Regulation No. 162 (Immobilizers);
  - (d) UN Regulation No. 163 (Vehicle Alarm systems).
12. UN Regulation No. 118 (Fire resistance of interior materials).
13. UN Regulation No. 121 (Identification of controls, tell-tales and indicators).
14. UN Regulation No. 122 (Heating systems).
15. UN Regulation No. 125 (Forward field of vision of drivers).
16. UN Regulation No. 144 (Accident Emergency Call System).
17. Event Data Recorder:
  - (a) Guidance on Event Data Recorder Performance Elements Appropriate for Adoption in the 1958 and 1998 Agreement Resolutions or Regulations;
  - (b) UN Regulation No. 160 (Event Data Recorder);
  - (c) New UN Regulation on Event Data Recorder for Heavy Duty Vehicles.
18. UN Regulation No. 0 (International Whole Vehicle Type Approval).
19. Consolidated Resolution on the Construction of Vehicles.
20. Special Resolution No. 1 concerning the Common Definitions of Vehicle Categories, Masses and Dimensions.

21. Exchange of Views on Vehicle Automation.
22. Three-dimensional H-point machine.
23. Other Business:
  - (a) Exchange of Views on the Future Work of the Working Party on General Safety Provisions;
  - (b) Periodical Technical Inspections;
  - (c) Highlights of the November 2023 and March 2024 Sessions of the World Forum for Harmonization of Vehicle Regulations;
  - (d) Any Other Business.

## II. Annotations

### 1. Adoption of the Agenda

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

**Documentation:** ECE/TRANS/WP.29/GRSG/2024/1

### 2. Amendments to Regulations on Buses and Coaches

#### UN Regulation No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles)

The Working Party on General Safety Provisions (GRSG) may wish to be informed by the experts of the Working Party on Passive Safety (GRSP) on the outcome of the recent meetings of the Informal Working Group (IWG) on "Securing of Children in Buses and Coaches" concerning the second phase of the UN Regulation.

GRSG agreed to continue consideration of specifications for autonomous shuttles with a view to reviewing the applicability of existing requirements or creating new categories of these vehicles.

GRSG also agreed to resume discussion on the issue of the lack of front protection for drivers and tour guides in the event of a frontal collision, based on the follow-up work of its experts and of GRSP, and on an assessment study conducted by the Norwegian expert on the extent of bus collisions in Europe.

Finally, GRSG agreed to resume discussion on the issue of passengers with reduced mobility using public buses based on feedback from the follow-up work of the "Task Force on Bus and Coach Accessibility" led by the expert from Germany.

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraphs 3 to 6  
ECE/TRANS/WP.29/GRSP/74, paragraphs 36 and 47

### 3. Amendments to Safety Glazing Regulations

#### (a) UN Global Technical Regulation No. 6 (Safety glazing)

GRSG may wish to consider a proposal tabled by the expert from the Netherlands to amend UN Global Technical Regulation No. 6, to update the references to the three-dimensional H-point measurement and calibration procedure, which are being updated and moved from UN GTR No. 6 to Mutual Resolution No. 1 (M.R.1) (ECE/TRANS/WP.29/GRSG/2024/20).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 42  
ECE/TRANS/WP.29/GRSG/2024/20  
(GRSG-126-16)

**(b) UN Regulation No. 43 (Safety glazing)**

GRSG may wish to continue consideration of a proposal tabled by the expert from International Organization of Motor Vehicle Manufacturers (OICA) to amend UN Regulation No. 43 on the basis of GRSG-126-16. GRSG may also wish to consider a proposal tabled by the expert from the Netherlands, to update the references to the three-dimensional H-point measurement and calibration procedure, which are being updated and moved from R.E.3 to M.R.1 (ECE/TRANS/WP.29/GRSG/2024/19).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraphs 8 and 42  
ECE/TRANS/WP.29/GRSG/2024/19  
(GRSG-126-16)

**4. Awareness of the Proximity of Vulnerable Road Users**

GRSG may wish to be informed of the outcome of work of the awareness of Vulnerable Road Users Proximity (VRU-Proxi) IWG on improving UN Regulation No. 158 on temporary obstruction of the monitor view and on Phase 2 of UN Regulation No. 167 on Direct Vision.

**(a) UN Regulation No. 46 (Devices for indirect vision)**

GRSG agreed to resume consideration of proposals on amendments to UN Regulation No. 46 tabled by the experts from the Task Force on UN Regulation No. 46 (TF-R46) on remaining issues. GRSG may also wish to consider a proposal submitted by the expert from Germany to start discussion on the approval of vehicles with battery master switches (EX/III and FL vehicles) in the framework of UN Regulation No. 105, that are fitted with a camera monitor system in compliance with the requirements of UN Regulation No. 46 (ECE/TRANS/WP.29/GRSG/2024/13). GRSG may also wish to consider a proposal tabled by the expert from the Netherlands, to update the references to the three-dimensional H-point measurement and calibration procedure, which are being updated and moved from R.E.3 to M.R.1 (ECE/TRANS/WP.29/GRSG/2024/21).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraphs 9 and 42  
ECE/TRANS/WP.29/GRSG/2024/13  
ECE/TRANS/WP.29/GRSG/2024/21

**(b) UN Regulation No. 158 (Reversing motion)**

GRSG may wish to consider a proposal tabled by the expert from the Netherlands, to update the references to the three-dimensional H-point measurement and calibration procedure, which are being updated and moved from R.E.3 to M.R.1 (ECE/TRANS/WP.29/GRSG/2024/24).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 42  
ECE/TRANS/WP.29/GRSG/2024/24

**(c) UN Regulation No. 159 (Moving Off Information System)**

GRSG may wish to consider proposals to amend UN Regulation No. 159, if any.

**(d) UN Regulation No. 166 (Vulnerable Road Users in Front and Side Close Proximity)**

GRSG may wish to consider a proposal by the expert from Japan to amend UN Regulation No. 166 to add safety requirements (ECE/TRANS/WP.29/GRSG/2024/12). GRSG may also wish to consider a proposal tabled by the expert from the Netherlands, to update the references to the three-dimensional H-point measurement and calibration procedure, which are being updated and moved from R.E.3 to M.R.1 (ECE/TRANS/WP.29/GRSG/2024/25).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 42  
ECE/TRANS/WP.29/GRSG/2024/12  
ECE/TRANS/WP.29/GRSG/2024/25

**(e) UN Regulation No. 167 (Vulnerable Road Users Direct Vision)**

GRSG may wish to consider a proposal tabled by the expert from the United Kingdom to amend UN Regulation No. 167 that aims to define a “subsection frontal visible volume” within the area of greatest risk to ensure that VRUs directly in front of the vehicle cannot be in the blind spot between direct and indirect vision (ECE/TRANS/WP.29/GRSG/2024/6). GRSG may also wish to consider a proposal tabled by the expert from the Netherlands to update the references to the three-dimensional H-point measurement and calibration procedure, which are being updated and moved from R.E.3 to M.R.1 (ECE/TRANS/WP.29/GRSG/2024/26).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraphs 13 and 42  
ECE/TRANS/WP.29/GRSG/2024/6  
ECE/TRANS/WP.29/GRSG/2024/26

**5. Amendments to External Projections Regulations****(a) UN Regulation No. 26 (External projections of passenger cars)**

GRSG agreed to resume consideration of a proposal of amendments to UN Regulation No. 26, prepared by the expert from Germany on behalf of TF-R46 (ECE/TRANS/WP.29/GRSG/2023/22).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 14  
ECE/TRANS/WP.29/GRSG/2023/22

**(b) UN Regulation No. 61 (External projections of commercial vehicles)**

GRSG agreed to resume consideration of a proposal of amendments to UN Regulation No. 26, prepared by the expert from Germany on behalf of TF-R46 (ECE/TRANS/WP.29/GRSG/2023/24). GRSG may also wish to consider a proposal tabled by the expert from the Netherlands to update the references to the three-dimensional H-point measurement and calibration procedure, which are being updated and moved from R.E.3 to M.R.1 (ECE/TRANS/WP.29/GRSG/2024/22).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraphs 15 and 42  
ECE/TRANS/WP.29/GRSG/2023/24  
ECE/TRANS/WP.29/GRSG/2024/22

**6. UN Regulation No. 35 (Foot controls)**

GRSG may wish to consider a proposal tabled by the expert from the Netherlands to update the references to the three-dimensional H-point measurement and calibration procedure, which are being updated and moved from R.E.3 to M.R.1 (ECE/TRANS/WP.29/GRSG/2024/18).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 42  
ECE/TRANS/WP.29/GRSG/2024/18  
(GRSG-126-20)

**7. UN Regulation No. 39 (Speedometer and Odometer)**

GRSG agreed to continue discussion on the outcome of work of the Task Force established to discuss possible measures for accuracy and anti-tampering of odometer/mileage values.

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 16

## 8. UN Regulation No. 66 (Strength of superstructure (buses))

GRSG will resume consideration of a revised proposal of amendment to UN Regulation No. 66 tabled by the expert of the Russian Federation (based on ECE/TRANS/WP.29/GRSG/2023/2) to allow additional checks in terms of passive safety at the national level.

**Documentation:** ECE/TRANS/WP.29/1173, paragraph 82  
ECE/TRANS/WP.29/GRSG/105, paragraph 18  
(ECE/TRANS/WP.29/GRSG/2023/2)

## 9. UN Regulation No. 147 (Mechanical couplings for Agricultural Vehicles)

GRSG may wish to consider a proposal submitted by the United Kingdom to amend UN Regulation No. 147. ECE/TRANS/WP.29/GRSG/2024/7 aims to remove the possibility of different technical requirements being applied by Type Approval Authorities when “mechanical couplings for agricultural tractors” with a maximum speed in excess of 60 km/h are submitted for type approval testing.

**Documentation:** ECE/TRANS/WP.29/GRSG/2024/7

## 10. Amendments to Regulations on Gas-Fuelled Vehicles

### (a) UN Regulation No. 67 (Liquefied Petroleum Gas vehicles)

GRSG may wish to consider proposals to amend UN Regulation No. 67, if any.

### (b) UN Regulation No. 110 (Compressed Natural Gas and Liquefied Natural Gas vehicles)

GRSG agreed to continue discussion on proposals for amendments to the UN Regulation tabled by the expert from the European Association of Automotive Suppliers (CLEPA) to allow different options to fulfil the marking requirements.

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 20  
ECE/TRANS/WP.29/GRSG/2024/2  
ECE/TRANS/WP.29/GRSG/2024/14  
ECE/TRANS/WP.29/GRSG/2024/15  
ECE/TRANS/WP.29/GRSG/2024/28  
ECE/TRANS/WP.29/GRSG/2024/29  
ECE/TRANS/WP.29/GRSG/2024/30  
ECE/TRANS/WP.29/GRSG/2024/31

## 11. Amendments to the Regulations on Devices against Unauthorized Use, Immobilizers and Vehicle Alarm systems

### (a) UN Regulation No. 116 (Anti-theft and alarm systems)

GRSG may wish to consider a proposal prepared by the expert from Germany to align the current text of UN Regulation No. 116 with UN Regulation No. 157 (Automated Lane Keeping System) on compliance with the technical requirements of UN Regulation No. 10 (Electromagnetic compatibility).

**Documentation:** ECE/TRANS/WP.29/GRSG/2024/8

### (b) UN Regulation No. 161 (Devices against Unauthorized Use)

GRSG might wish to consider a proposal prepared by the expert from Germany to align the current text of UN Regulation No. 161 with UN Regulation No. 157 (Automated Lane Keeping System) on compliance with the technical requirements of UN Regulation No. 10 (Electromagnetic compatibility).

**Documentation:** ECE/TRANS/WP.29/GRSG/2024/9

**(c) UN Regulation No. 162 (Immobilizers)**

GRSG may wish to consider a proposal prepared by the expert from Germany to align the current text of UN Regulation No. 162 with UN Regulation No. 157 (Automated Lane Keeping System) on compliance with the technical requirements of UN Regulation No. 10 (Electromagnetic compatibility).

**Documentation:** ECE/TRANS/WP.29/GRSG/2024/10

**(d) UN Regulation No. 163 (Vehicle Alarm systems)**

GRSG might wish to consider a proposal prepared by the expert from Germany to align the current text of UN Regulation No. 163 with UN Regulation No. 157 (Automated Lane Keeping System) on compliance with the technical requirements of UN Regulation No. 10 (Electromagnetic compatibility).

**Documentation:** ECE/TRANS/WP.29/GRSG/2024/11

**12. UN Regulation No. 118 (Fire resistance of interior materials)**

GRSG agreed to continue discussion on proposals of amendments to the UN Regulation tabled by the expert from CLEPA to allow different options to fulfil the marking requirements in cases where more than one UN Regulation was applicable.

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 45  
ECE/TRANS/WP.29/GRSG/2024/3  
ECE/TRANS/WP.29/GRSG/2024/16  
ECE/TRANS/WP.29/GRSG/2024/17  
ECE/TRANS/WP.29/GRSG/2024/32  
ECE/TRANS/WP.29/GRSG/2024/33

**13. UN Regulation No. 121 (Identification of controls, tell-tales and indicators)**

GRSG may wish to consider a proposal of amendments to the UN Regulation tabled by the expert from the Republic of Korea to clarify that the indicators, their identifications and the identifications of controls would not need to be illuminated under certain conditions.

**Documentation:** ECE/TRANS/WP.29/GRSG/2024/4

**14. UN Regulation No. 122 (Heating systems)**

GRSG agreed to resume consideration of the need for a second step in the use of a new technology (radiation warmer) as a heating system to maximize the energy efficiency of electric vehicles.

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 21

**15. UN Regulation No. 125 (Forward field of vision of drivers)**

GRSG may wish to consider a proposal for a new UN Regulation, tabled by IWG on Field of Vision Assistant, on provisions for field of vision assistance in the framework of the splitting of UN Regulation No. 125 into two separate UN Regulations (ECE/TRANS/WP.29/GRSG/2024/27). GRSG would consider a proposal tabled by the expert from the Netherlands to move the specific requirements to the new UN Regulation and to update the references to the three-dimensional H-point measurement and calibration procedure, which are being updated and moved from R.E.3 to M.R.1 (ECE/TRANS/WP.29/GRSG/2024/23).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraphs 22 and 42  
ECE/TRANS/WP.29/GRSG/2024/23  
ECE/TRANS/WP.29/GRSG/2024/27

## **16. UN Regulation No. 144 (Accident Emergency Call System)**

GRSG may wish to consider proposals to amend UN Regulation No. 144, if any.

## **17. Event Data Recorder**

### **(a) Guidance on Event Data Recorder Performance Elements Appropriate for Adoption in the 1958 and 1998 Agreements Resolutions or Regulations**

GRSG may wish to consider a revised proposal for guidance on event data recorder performance elements in heavy duty vehicles appropriate for adoption in resolutions and regulations of the 1958 and 1998 Agreements (based on ECE/TRANS/WP.29/GRSG/2023/14 and GRSG-125-08) prepared by the experts from the Informal Working Group on Event Data Recorder / Data Storage System for Automated Driving (EDR/DSSAD IWG).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 23  
(ECE/TRANS/WP.29/GRSG/2023/14)  
(GRSG-125-08)

### **(b) UN Regulation No. 160 (Event Data Recorder)**

GRSG may wish to consider proposals to amend UN Regulation No. 160, if any.

### **(c) New UN Regulation on Event Data Recorder for Heavy Duty Vehicles**

GRSG may wish to consider proposals to amend the new UN Regulation on Event Data Recorder for Heavy Duty Vehicles, if any.

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraphs 25 to 31

## **18. UN Regulation No. 0 (International Whole Vehicle Type Approval)**

GRSG will be informed about the outcome of the recent meetings of IWG on International Whole Vehicle Type Approval (IWVTA) and the follow-up of GRSG on the new priorities of IWVTA, Phase 2, particularly, the UN Regulations under the responsibility of GRSG that are to be added to annex 4 of UN Regulation No. 0.

## **19. Consolidated Resolution on the Construction of Vehicles**

GRSG agreed to resume consideration on a revised proposal tabled by the expert from the International Association of the Body and Trailer Building Industry (CLCCR) to amend the Consolidated Resolution on the Construction of Vehicles (R.E.3) (ECE/TRANS/WP.29/GRSG/2023/5, based on GRSG-124-12). Moreover, GRSG may wish to consider a proposal of amendment (ECE/TRANS/WP.29/GRSG/2024/5) tabled by the expert from the International Federation for Historic Vehicles to introduce a definition of historic vehicles.

**Documentation:** ECE/TRANS/WP.29/GRSG/2024/5

## **20. Special Resolution No. 1 concerning the Common Definitions of Vehicle Categories, Masses and Dimensions**



GRSG agreed to resume consideration of a proposal of amendments to the Special Resolution No. on the Common Definitions of Vehicle Categories, Masses and Dimensions (S.R.1) superseding ECE/TRANS/WP.29/GRSG/2022/18, if available.

**Documentation:** ECE/TRANS/WP.29/GRSG/104, paragraph 40  
(ECE/TRANS/WP.29/GRSG/2022/18)

## 21. Exchange of Views on Vehicle Automation

GRSG may wish to resume discussion on this subject and to start updating the regulations according to the common recommendations of the coordinated task force activities with the subsidiary bodies of WP.29.

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 37

## 22. Three-dimensional H-point machine

GRSG agreed to continue consideration: (a) on the new addendum (GRSG-126-20) to M.R.1 that had been prepared by TF on the three-dimensional H-point machine and (b) on proposals of amendments to UN Regulations Nos. 35, 43, 46, 61, 125, 158, 166 and 167 and UN GTR No. 6 in which references to the 3-D "H" point machine would be moved from R.E.3 and from the text of the UN GTR No. 6 to M.R.1.

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 42  
(GRSG-126-20)

## 23. Other Business

### (a) Exchange of Views on the Future Work of the Working Party on General Safety Provisions

GRSG may wish to review the list of priorities for future work.

### (b) Periodical Technical Inspections

GRSG agreed to resume consideration: (a) of a revised proposal tabled by the expert from the Russian Federation proposing a New Rule (1997 Agreement) and (b) of feedback from IWG on Periodical Technical Inspections (PTI) that introduce PTI of Accident Emergency Call Systems (AECS), intended to be fitted to vehicles of categories M<sub>1</sub> and N<sub>1</sub> under UN Regulation No. 144 (ECE/TRANS/WP.29/GRSG/2023/6, as amended by paragraph 44 of ECE/TRANS/WP.29/GRSG/104).

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 40  
ECE/TRANS/WP.29/GRSG/2023/6

### (c) Highlights of the November 2023 and March 2024 Sessions of the World Forum for Harmonization of Vehicle Regulations

GRSG will be briefed by the secretariat about the highlights of WP.29, GRSG and other common issues.

### (d) Any Other Business

GRSG agreed to resume discussion on the issue on use of windscreen with coloured tint among others.

**Documentation:** ECE/TRANS/WP.29/GRSG/105, paragraph 43  
(GRSG-125-23)