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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### Working Party on Passive Safety

#### Sixty-ninth session

Geneva, 17–21 May 2021

Item 1 of the provisional agenda

#### Adoption of the agenda

### **Annotated provisional agenda for the sixty-ninth session<sup>\*</sup>, <sup>\*\*</sup>**

to be held virtually via WebEx, starting at 12.30 p.m. CET on Monday, 17 May 2021 and concluding on Friday, 21 May 2021.

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<sup>\*</sup> Before the session, documents may be downloaded from the ECE Sustainable Transport Division's website (<https://unece.org/transport/events/wp29grsp-working-party-passive-safety-69th-session>). For the translation of the official documents, delegates can now access the public Official Document System (ODS) on the following website: <http://documents.un.org/>

<sup>\*\*</sup> Delegates are requested to register online with the registration system on the ECE website (<https://indico.un.org/event/35300/>). Based on the registrations received information for access to the virtual meeting will be provided.

## I. Provisional agenda<sup>1</sup>

1. Adoption of the agenda.
2. UN Global Technical Regulation No. 9 (Pedestrian safety):
  - (a) Proposal for Amendment 3;
  - (b) Proposal for Amendment 4.
3. UN Global Technical Regulation No. 13 (Hydrogen and Fuel Cell Vehicles).
4. UN Global Technical Regulation No. 20 (Electric vehicle safety).
5. UN Regulation No. 12 (Steering mechanism).
6. UN Regulation No. 14 (Safety-belt anchorages).
7. UN Regulation No. 16 (Safety-belts).
8. UN Regulation No. 17 (Strength of seats).
9. UN Regulation No. 22 (Protective helmets).
10. UN Regulation No. 95 (Lateral collision).
11. UN Regulation No. 127 (Pedestrian safety).
12. UN Regulation No. 129 (Enhanced Child Restraint Systems).
13. UN Regulation No. 134 (Hydrogen and Fuel Cell Vehicles).
14. UN Regulation No. 135 (Pole side impact (PSI)).
15. UN Regulation No. 136 (Electric vehicle L)
16. UN Regulation No. 137 (Frontal impact with focus on restraint systems).
17. UN Regulation No. 145 (ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size).
18. Mutual Resolution No. 1.
19. Securing of children in buses and coaches.
20. Exchange of views on vehicle automation.
21. Strategy of the Inland Transport Committee.
22. List of priority work of GRSP.
23. Other business:
  - (a) Exchange of information on national and international requirements on passive safety;
  - (b) UN Regulation No. 0 (International Whole Vehicle Type Approval);
  - (c) Highlights of the November 2020 session of WP.29;
  - (d) Three-dimensional H-point machine;
  - (e) Intelligent transport systems;
  - (f) Children left in cars.

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<sup>1</sup> Documents in brackets will not be considered at the session and are on the agenda for reference purpose only.

## **II. Annotations**

### **1. Adoption of the agenda**

In accordance with Chapter III, Rule 7 of the Rules of Procedure (TRANS/WP.29/690/Rev.1) 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/GRSP/2021/1

### **2. UN Global Technical Regulation No. 9 (Pedestrian safety)**

#### **(a) Proposal for Amendment 3**

The Working Party on Passive Safety (GRSP) agreed to resume discussion on the worst cases of high-injury risk for all possible scenarios due, for example, to different heights of the vehicle from adjustable suspension systems (GRSP-65-17), as a follow-up of consideration of the Executive Committee of the 1998 Agreement.

#### **Documentation**

ECE/TRANS/WP.29/GRSP/68, paras. 4  
GRSP-65-17

#### **(b) Proposal for Amendment 4**

GRSP will resume consideration of an amendment proposal to incorporate provisions for active deployable systems in the bonnet area from the Informal Working Group on Deployable Pedestrian Protection Systems (IWG-DPPS).

#### **Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 5  
(ECE/TRANS/WP.29/AC.3/45/Rev.1)

### **3. UN Global Technical Regulation No. 13 (Hydrogen and Fuel Cell Vehicles)**

GRSP will resume discussion on Phase 2 of the UN Global Technical Regulation (UN GTR), based on the latest results of the Informal Working Group (IWG) work.

#### **Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 6

### **4. UN Global Technical Regulation No. 20 (Electric vehicle safety)**

GRSP agreed to resume discussion on Phase 2 of the UN GTR and on the work progress of the IWG on Electric Vehicle Safety Phase 2 (EVS PH2).

#### **Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 7

### **5. UN Regulation No. 12 (Steering mechanism)**

GRSP agreed to start discussion based on a possible proposal tabled by the expert from the Netherlands to introduce requirements concerning post-crash electrical safety in the event of a frontal collision, as was agreed for UN Regulation No. 94.

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 8

**6. UN Regulation No. 14 (Safety-belt anchorages)**

GRSP may wish to consider a proposal tabled by the experts from Germany and the Netherlands concerning the minimum number of lower anchorages for folding seats (ECE/TRANS/WP.29/GRSP/2021/9).

**Documentation**

ECE/TRANS/WP.29/GRSP/2021/9

**7. UN Regulation No. 16 (Safety-belts)**

GRSP may wish to consider a proposal prepared by the expert from the Netherlands, aiming to correct an omission in paragraph 3 of the UN Regulation, with regard to information on safety-belt reminders (ECE/TRANS/WP.29/GRSP/2021/10). GRSP also agreed to resume consideration of a proposal of a supplement tabled by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) (ECE/TRANS/WP.29/GRSP/2019/15 and GRSP-66-14), aimed at introducing an alternative (at the choice of the manufacturer) to the airbag switch-off for frontal airbags in combination with rearward-facing child restraint systems in the rear seat. GRSP also agreed to resume consideration (on the basis of accident data) of a proposal from the expert from Finland on the possibility to have three-point safety-belts in M<sub>2</sub> and M<sub>3</sub> categories of vehicles (GRSP-66-08). GRSP may also wish to consider a note from the Secretariat (ECE/TRANS/WP.29/GRSP/2021/16) aimed at correcting the information sheet (Certificate) in its paragraph 3.3.

**Documentation**

ECE/TRANS/WP.29/GRSP/68, paras. 9 and 10  
ECE/TRANS/WP.29/GRSP/2021/10  
ECE/TRANS/WP.29/GRSP/2021/16  
ECE/TRANS/WP.29/GRSP/2019/15  
GRSP-66-08  
GRSP-66-14

**8. UN Regulation No. 17 (Strength of seats)**

GRSP might wish to resume consideration of a revised proposal (ECE/TRANS/WP.29/GRSP/2020/12) tabled by the expert from OICA to clarify the test procedure for the height of head restraints in the case of vehicles having a low roof construction.

**Documentation**

ECE/TRANS/WP.29/GRSP/68, paras. 11 and 12  
ECE/TRANS/WP.29/GRSP/2020/12  
(GRSP-68-31-Rev.1)

**9. UN Regulation No. 22 (Protective helmets)**

GRSP agreed to consider a proposal of amendments submitted by the experts from France, Germany, Italy, The Netherlands, Spain and Sweden on behalf of the ad-hoc group on UN Regulation No. 22. The proposal addresses the need of a text that can be enforced in a practical manner until specific requirements for the type approval of helmet accessories will be defined (ECE/TRANS/WP.29/GRSP/2021/13). Moreover, GRSP might wish to consider a proposal tabled by the experts from Italy and Spain

(ECE/TRANS/WP.29/GRSP/2021/15) aimed at introducing a new type approval procedure for accessories.

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 13  
 ECE/TRANS/WP.29/GRSP/2021/13  
 ECE/TRANS/WP.29/GRSP/2021/15

**10. UN Regulation No. 95 (Lateral collision)**

GRSP may wish to consider a proposal of amendments tabled by a group of the experts from Japan and OICA, to further amend the current scope of UN Regulation No. 95 (ECE/TRANS/WP.29/GRSP/2021/8).

ECE/TRANS/WP.29/GRSP/68, para. 19  
 ECE/TRANS/WP.29/GRSP/2021/8  
 (GRSP-68-20)

**11. UN Regulation No. 127 (Pedestrian safety)**

GRSP may wish to resume discussion on the basis of a possible, revised proposal from the expert from Germany (ECE/TRANS/WP.29/GRSP/2019/18), aimed at clarifying the issue that vehicle height has an influence on the test results of headform and legform tests. GRSP also agreed to resume consideration of a possible revised proposal prepared by the experts of the drafting task force to align the UN Regulation with the provisions of the revised General Safety Regulation of the European Union with appropriate transitional provisions, and to make minor adaptations and clarifications to the existing requirements (ECE/TRANS/WP.29/GRSP/2020/9).

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 20  
 ECE/TRANS/WP.29/GRSP/2019/18  
 ECE/TRANS/WP.29/GRSP/2020/9

**12. UN Regulation No. 129 (Enhanced Child Restraint Systems)**

GRSP agreed to resume consideration on a proposal for limit values on the chest vertical acceleration of Q-dummies during the dynamic testing of Enhanced Child Restraint Systems (ECRS) tabled by the expert from the European Association of Automotive Suppliers (CLEPA) (GRSP-68-05). GRSP may also wish to consider two proposals prepared by the expert from Spain, on behalf of the Technical Services Group (TSG) on Regulation No. 129 aimed at: (a) clarifying the application of the dynamic tests procedures to ECRS (ECE/TRANS/WP.29/GRSP/2021/3, ECE/TRANS/WP.29/GRSP/2021/4, ECE/TRANS/WP.29/GRSP/2021/5 and ECE/TRANS/WP.29/GRSP/2021/6) and (b) to clarify the head containment assessment for side impact testing (ECE/TRANS/WP.29/GRSP/2021/7).

**Documentation**

ECE/TRANS/WP.29/GRSP/68, paras. 21 to 24  
 ECE/TRANS/WP.29/GRSP/2021/3  
 ECE/TRANS/WP.29/GRSP/2021/4  
 ECE/TRANS/WP.29/GRSP/2021/5  
 ECE/TRANS/WP.29/GRSP/2021/6  
 ECE/TRANS/WP.29/GRSP/2021/7  
 GRSP-68-05

**13. UN Regulation No. 134 (Hydrogen and Fuel Cell Vehicles)**

GRSP agreed to discuss a proposal prepared by the expert from OICA, aiming to allow alternative test methods for heavy duty vehicles in order to improve applicability of the requirements to vehicles of categories M<sub>2</sub>, M<sub>3</sub>, N<sub>2</sub> and N<sub>3</sub> (ECE/TRANS/WP.29/GRSP/2021/12).

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 26  
ECE/TRANS/WP.29/GRSP/2021/12

**14. UN Regulation No. 135 (Pole side impact (PSI))**

GRSP may wish to consider a proposal prepared by the expert from Germany, aiming at defining parameters to enable a reproducible measurement of the acute angle alpha ( $\alpha$ ) to decide whether or not the vehicle is in the scope of the UN Regulation (ECE/TRANS/WP.29/GRSP/2021/14). GRSP also agreed to start discussion based on a possible proposal tabled by the expert from the Netherlands to introduce requirements concerning post-crash electrical safety in the event of a frontal collision, as was agreed for UN Regulation No. 94.

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 27  
ECE/TRANS/WP.29/GRSP/2021/14

**15. UN Regulation No. 136 (Electric vehicle L)**

GRSP agreed to resume discussion on a possible proposal tabled by the expert from the International Motorcycle Manufacturers Association, to address the need of dedicated requirements for swappable Rechargeable Electric Energy Storage Systems (REESS).

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 48

**16. UN Regulation No. 137 (Frontal impact with focus on restraint systems)**

GRSP may also wish to resume discussion on the inclusion of the L<sub>7</sub> category of vehicles into the scope of the UN Regulation.

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 29

**17. UN Regulation No. 145 (ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size)**

GRSP agreed to consider a revised proposal prepared by the expert from the Netherlands, aimed at clarifying the requirements for the location of ISOFIX systems in case the vehicle type is equipped with rearward facing seats (ECE/TRANS/WP.29/GRSP/2021/11).

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 47  
ECE/TRANS/WP.29/GRSP/2021/11  
(GRSP-68-16)

## 18. Mutual Resolution No. 1

GRSP agreed to resume discussion of a proposal of amendments to include dummy specifications and drawings of the Biomechanical Rear Impact Dummy into M.R.1 (ECE/TRANS/WP.29/GRSP/2021/2). GRSP might also wish to consider other proposals to include dummy specifications and drawings (e.g. Q dummies). Moreover, GRSP agreed to resume discussion on studies and proposals on female dummies to provide to female occupants the same protection level as male.

### Documentation

ECE/TRANS/WP.29/GRSP/68, paras. 30 to 32  
ECE/TRANS/WP.29/GRSP/2021/2

## 19. Securing children in buses and coaches

GRSP will resume discussion on how to secure children in buses, based on the progress of IWG on this subject.

### Documentation

ECE/TRANS/WP.29/GRSP/68, para. 33

## 20. Exchange of views on vehicle automation

GRSP may wish to be informed about the recent session of WP.29 on vehicle automation. Moreover, GRSP agreed to start discussion on which areas under its responsibility should be revised by developing vehicle automation, based on a document tabled by the expert from Germany and other concerned parties, if available.

### Documentation

ECE/TRANS/WP.29/GRSP/68, para. 34

## 21. Strategy of the Inland Transport Committee

GRSP may wish to be informed about the outcome of the future strategy of the Inland Transport Committee.

## 22. List of priority work of GRSP

GRSP may wish to revise the list of priorities of GRSP (GRSP-67-06-Rev.1) as a follow-up to the discussion at the March 2021 session of WP.29.

### Documentation

ECE/TRANS/WP.29/GRSP/68, para. 36  
GRSP-67-06-Rev.1

## 23. Other business

### (a) Exchange of information on national and international requirements on passive safety

GRSP may wish to exchange information.

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

GRSP may wish to be informed by the International Whole Vehicle Type Approval (IWVTA) Ambassador about the outcome of the recent meetings of IWG on IWVTA.

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 40

(c) **Highlights of the March 2021 session of WP.29**

GRSP will be briefed by the secretariat about the highlights of the noted session of WP.29 on GRSP and other common issues.

(d) **Three-dimensional H-point machine**

GRSP may wish to consider the draft terms of references and the IWG work progress in harmonizing the provisions.

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 42

(e) **Intelligent transport systems**

GRSP may resume discussion on this subject.

(f) **Children left in cars**

GRSP may wish to resume consideration of this subject based on exchanges of information and national initiatives.

**Documentation**

ECE/TRANS/WP.29/GRSP/68, para. 44

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