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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### Working Party on Passive Safety

#### Seventy-third session

Geneva, 15–19 May 2023

Item 1 of the provisional agenda

#### Adoption of the Agenda

## **Annotated Provisional Agenda for the Seventy-Third Session<sup>\*</sup>, <sup>\*\*</sup>**

to be held at the Palais des Nations, starting at 2.30 p.m. CET on Monday, 15 May 2023 and concluding at 12.30 p.m. on Friday, 19 May 2023.

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\* Before the session, documents may be downloaded from the ECE Sustainable Transport Division's website (<https://unece.org/info/events/event/374928>). For 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/1002139/>). Upon arrival at the Palais des Nations, delegates should obtain an identification badge at the UNOG Security and Safety Section, which is temporary located at the Villa Les Feuillantines (13, 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).

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

1. Adoption of the Agenda.
2. UN Global Technical Regulation No. 9 (Pedestrian safety):  
Proposal for Amendment 3.
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. 14 (Anchorages of safety-belts).
6. UN Regulation No. 16 (Safety-belts).
7. UN Regulation No. 17 (Strength of seats).
8. UN Regulation No. 94 (Frontal impact).
9. UN Regulation No. 95 (Lateral impact).
10. UN Regulation No. 100 (Electric power trained vehicles).
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).
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. UN Regulation No. 153 (Fuel system integrity and electric power train safety at rear-end collision).
19. Mutual Resolution No. 1.
20. Equitable Occupant Protection.
21. Securing Children in Buses and Coaches.
22. Exchange of Views on Vehicle Automation.
23. Strategy of the Inland Transport Committee.
24. 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 March 2023 Session of the World Forum for Harmonization of Vehicle Regulations;
  - (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/2023/1

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

#### Proposal for Amendment 3

GRSP will resume consideration of an amendment proposal (ECE/TRANS/WP.29/GRSP/2023/6 superseding ECE/TRANS/WP.29/GRSP/2022/2) and the final report of the Informal Working Group on Deployable Pedestrian Protection Systems (IWG-DPPS) to incorporate provisions for active deployable systems in the bonnet area.

#### Documentation

ECE/TRANS/WP.29/GRSP/72, paragraph 5  
ECE/TRANS/WP.29/GRSP/2023/6  
(ECE/TRANS/WP.29/GRSP/2022/2)  
(ECE/TRANS/WP.29/AC.3/45/Rev.1)

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

GRSP might wish to resume discussion on future amendments to UN Global Technical Regulation (UN GTR) No. 13 or on the draft proposal of Amendment 1 recommended by GRSP, together the final report, to the June 2023 session of the Executive Committee of the 1998 Agreement (AC.3).

#### Documentation

ECE/TRANS/WP.29/GRSP/72, paragraphs 7 and 8  
(ECE/TRANS/WP.29/GRSP/2022/16)  
(ECE/TRANS/WP.29/GRSP/2022/17)

### 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/72, paragraph 9

### 5. UN Regulation No. 14 (Anchorages of safety-belts)

GRSP might wish to be informed about the outcome of a meeting of interested parties on a proposal (GRSP-72-25) presented by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) enabling alternative seating positions during driving.

#### Documentation

ECE/TRANS/WP.29/GRSP/72, paragraph 63  
(GRSP-72-25)

## 6. UN Regulation No. 16 (Safety-belts)

GRSP agreed to resume discussion on ECE/TRANS/WP.29/GRSP/2022/3 (safety-belts of seat positions equipped with the lower ISOFIX anchorages), tabled by the expert from Japan and on a document (ECE/TRANS/WP.29/GRSP/2023/9) submitted by the ad hoc group on child restraint systems concerning lower tether anchorages. GRSP may also wish to consider a proposal tabled by the expert from Spain (ECE/TRANS/WP.29/GRSP/2023/3) to define the minimum safety-belt installation on seats which face a child restraint system. Moreover, GRSP will resume consideration of a proposal tabled by the expert from France (ECE/TRANS/WP.29/GRSP/2023/17 superseding ECE/TRANS/WP.29/GRSP/2022/13 and GRSP-72-22) concerning safety-belt reminder. Moreover, GRSP agreed to resume discussion on a supplement tabled by the expert from OICA (ECE/TRANS/WP.29/GRSP/2022/12, superseding ECE/TRANS/WP.29/GRSP/2019/15), on the frontal airbag in the rear seats. Finally, GRSP agreed to consider a proposal tabled by the expert from European Association of Automotive Suppliers (CLEPA) (ECE/TRANS/WP.29/GRSP/2023/15) prohibiting the use of the Unique Identifier (UI) in the UN Regulation No. 16.

### Documentation

ECE/TRANS/WP.29/GRSP/72, paragraphs 14–17 and 57  
ECE/TRANS/WP.29/GRSP/2022/3  
ECE/TRANS/WP.29/GRSP/2022/12  
ECE/TRANS/WP.29/GRSP/2023/3  
ECE/TRANS/WP.29/GRSP/2023/9  
ECE/TRANS/WP.29/GRSP/2023/15  
ECE/TRANS/WP.29/GRSP/2023/17  
(ECE/TRANS/WP.29/GRSP/2022/13)  
(ECE/TRANS/WP.29/GRSP/2019/15)  
(GRSP-72-22)  
(GRSP-72-39)

## 7. UN Regulation No. 17 (Strength of seats)

GRSP agreed to resume discussion on two revised proposals of amendments, tabled by the expert from Germany, to ensure that only head restraints which are safe can be fitted to seats in all seating positions and all vehicle categories, as specified in the scope of the UN Regulation (ECE/TRANS/WP.29/GRSP/2023/4 and ECE/TRANS/WP.29/GRSP/2023/5 superseding ECE/TRANS/WP.29/GRSP/2022/20 and ECE/TRANS/WP.29/GRSP/2022/21).

### Documentation

ECE/TRANS/WP.29/GRSP/72, paragraphs 14–17  
ECE/TRANS/WP.29/GRSP/2023/4  
ECE/TRANS/WP.29/GRSP/2023/5  
(ECE/TRANS/WP.29/GRSP/2022/20)  
(ECE/TRANS/WP.29/GRSP/2022/21)

## 8. UN Regulation No. 94 (Frontal impact)

GRSP agreed to resume discussion on a document tabled by the expert from OICA to incorporate provisions on hydrogen fuelled vehicles into UN Regulation No. 94, to harmonize this UN Regulation with UN GTR No. 13, Amendment 1 (ECE/TRANS/WP.29/GRSP/2023/22).

ECE/TRANS/WP.29/GRSP/72, paragraph 64  
ECE/TRANS/WP.29/GRSP/2023/22  
(GRSP-72-34)

## 9. UN Regulation No. 95 (Lateral impact)

GRSP agreed to resume discussion on a document tabled by the expert from OICA to incorporate provisions on hydrogen fuelled vehicles into UN Regulation No. 95, to harmonize this UN Regulation with UN GTR No. 13, Amendment 1 (ECE/TRANS/WP.29/GRSP/2023/18).

ECE/TRANS/WP.29/GRSP/72, paragraph 22  
ECE/TRANS/WP.29/GRSP/2023/18  
(GRSP-72-29)

## 10. UN Regulation No. 100 (Electric power trained vehicles)

GRSP agreed to resume discussion on a revised proposal tabled by the expert from International Association of the Body and Trailer Building Industry (CLCCR), that would introduce provisions for a type of electric axle in a trailer, if available. GRSP also agreed to resume consideration on two revised proposals tabled by the expert from France to clarify the direction of impact in the mechanical integrity test (ECE/TRANS/WP.29/GRSP/2023/16 and ECE/TRANS/WP.29/GRSP/2023/23). Finally, GRSP may wish to consider a proposal tabled by the expert from the Netherlands on identification of buses and trucks equipped with an electric drivetrain (ECE/TRANS/WP.29/GRSP/2023/10).

ECE/TRANS/WP.29/GRSP/72, paragraphs 23 and 24  
ECE/TRANS/WP.29/GRSP/2023/10  
ECE/TRANS/WP.29/GRSP/2023/16  
ECE/TRANS/WP.29/GRSP/2023/23  
(ECE/TRANS/WP.29/GRSP/2022/14)  
(GRSP-72-18)  
(GRSP-72-27)

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

GRSP may wish to consider proposals of amendments to the UN Regulation if any.

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

GRSP may wish to consider a proposal tabled by the expert from the Netherlands on behalf of the Technical Services Group (TSG) to clarify the single belt route principle in paragraph 3.2.2. (ECE/TRANS/WP.29/GRSP/2023/11). GRSP agreed to resume consideration of a proposal tabled by the prepared by the ad hoc group on child restraint systems, aiming to introduce definitions, requirements and a test procedure for lower tether anchorages (ECE/TRANS/WP.29/GRSP/2023/13). Finally, GRSP agreed to resume discussion on a proposal tabled by the expert from Consumers International (CI) to prevent green indicators from suggesting that a belt is out of the remit of the type-approval (ECE/TRANS/WP.29/GRSP/2023/14).

### Documentation

ECE/TRANS/WP.29/GRSP/72, paragraphs 30 and 31  
ECE/TRANS/WP.29/GRSP/2023/11  
ECE/TRANS/WP.29/GRSP/2023/13  
ECE/TRANS/WP.29/GRSP/2023/14  
(GRSP-72-05-Rev.1)

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

GRSP agreed to resume consideration of a proposal tabled by the experts of the task force amending UN Regulation No. 134 (ECE/TRANS/WP.29/GRSP/2023/8), to align the UN Regulation to UN GTR No. 13, Phase 2.

**Documentation**

ECE/TRANS/WP.29/GRSP/72, paragraph 34  
ECE/TRANS/WP.29/GRSP/2023/8

**14. UN Regulation No. 135 (Pole Side Impact)**

GRSP agreed to resume discussion on two documents tabled by the expert from OICA to incorporate provisions on hydrogen fuelled vehicles into UN Regulation No. 135, to harmonize this UN Regulation with UN GTR No. 13, Amendment 1 (ECE/TRANS/WP.29/GRSP/2023/19 and ECE/TRANS/WP.29/GRSP/2023/24).

**Documentation**

ECE/TRANS/WP.29/GRSP/72, paragraph 35  
ECE/TRANS/WP.29/GRSP/2023/19  
ECE/TRANS/WP.29/GRSP/2023/24  
(GRSP-72-30)

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

GRSP may wish to consider proposals of amendments to the UN Regulation if any.

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

GRSP agreed to resume discussion on a document tabled by the expert from OICA to incorporate provisions on hydrogen fuelled vehicles into UN Regulation No. 137, to harmonize this UN Regulation with UN GTR No. 13, Amendment 1 (ECE/TRANS/WP.29/GRSP/2023/20). GRSP also agreed to resume discussion on a possible revised proposal (superseding GRSP-72-06) tabled by an ad hoc group led by the expert from Japan concerning the requirement on the Thorax Compression Criterion (ThCC).

**Documentation**

ECE/TRANS/WP.29/GRSP/72, paragraphs 37 and 38  
ECE/TRANS/WP.29/GRSP/2023/20  
(GRSP-72-31)  
(GRSP-72-06)

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

GRSP may wish to consider a proposal of amendments on lower strap anchorages by the ad hoc group on child restraint systems (ECE/TRANS/WP.29/GRSP/2023/12).

**Documentation**

ECE/TRANS/WP.29/GRSP/2023/12

**18. UN Regulation No. 153 (Fuel system integrity and electric power train safety at rear-end collision)**

GRSP agreed to resume discussion on a document tabled by the expert from OICA to incorporate provisions on hydrogen fuelled vehicles into UN Regulation No. 153, to harmonize this UN Regulation with UN GTR No. 13 (ECE/TRANS/WP.29/GRSP/2023/21).

**Documentation**

ECE/TRANS/WP.29/GRSP/72, paragraph 41  
ECE/TRANS/WP.29/GRSP/2023/21  
(GRSP-72-32)

**19. Mutual Resolution No. 1**

GRSP might wish to consider the progress of work of the Task Force for implementing Q UN-Dummies into M.R.1. Moreover, GRSP may wish to consider a proposal of Amendment 4 to M.R.1 prepared by the experts of the IWG of the Deployable Pedestrian Protection Systems (IWG-DPPS) on UN Global Technical Regulation No. 9 that proposes a new Addendum 5 concerning provisions on the DPPS Generic Vehicle (GV) Models (ECE/TRANS/WP.29/GRSP/2023/7).

**Documentation**

ECE/TRANS/WP.29/GRSP/72, paragraph 44  
ECE/TRANS/WP.29/GRSP/2023/7

**20. Equitable Occupant Protection**

GRSP agreed to resume discussion on this subject based on the outcome of the newly established informal working group on this subject, pending endorsement of its establishment by WP.29 and AC.3 at their March 2023 sessions.

**Documentation**

ECE/TRANS/WP.29/GRSP/72, paragraphs 45 and 46  
(GRSP-72-45-Rev.1)

**21. Securing Children in Buses and Coaches**

GRSP will resume discussion on how to secure children in buses based on a revised proposal for a new UN Regulation tabled by the IWG on safer transport of children in buses and coaches (ECE/TRANS/WP.29/GRSP/2023/2).

**Documentation**

ECE/TRANS/WP.29/GRSP/72, paragraphs 47 and 48  
ECE/TRANS/WP.29/GRSP/2023/2  
(GRSP-72-02)

**22. Exchange of Views on Vehicle Automation**

GRSP agreed to resume discussion on the outcome of results of the Task Force screening of UN Regulations and UN GTRs (under its responsibility) of relevance which were linked to drivers, to accommodate autonomous driving.

**Documentation**

ECE/TRANS/WP.29/GRSP/72, paragraphs 49–51

**23. Strategy of the Inland Transport Committee**

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

## 24. 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 IWVTA Ambassador about the outcome of the recent meetings of IWG on IWVTA and on a revised document (superseding GRSP-72-07-Rev.1) on the interpretation of preceding series of amendments (singular or plural). Moreover, GRSP agreed to resume discussion on GRSP-72-15, tabled by the IWG on the Database for Exchange of Approval documentation (DETA).

#### Documentation

ECE/TRANS/WP.29/GRSP/72, paragraphs 56 and 57  
GRSP-72-15  
(GRSP-72-07-Rev.1)

### (c) Highlights of the March 2023 Session of the World Forum for Harmonization of Vehicle Regulations

GRSP will be briefed by the secretariat about the highlights of the noted session of World Forum for Harmonization of Vehicle Regulations (WP.29) on GRSP and other common issues.

### (d) Three-dimensional H-point Machine

GRSP agreed to resume consideration on GRSP-72-33, tabled by the expert from the Netherlands and on the outcome of discussion of a group of interested experts

#### Documentation

ECE/TRANS/WP.29/GRSP/72, paragraph 59  
GRSP-72-33

### (e) Intelligent Transport Systems

GRSP may resume discussion on this subject.

### (f) Children Left in Cars

As a follow-up of the request of WP.29 endorsed at its June 2022 session, GRSP will resume discussion on this subject to gather global information and statistics, as a first step to identifying the working group that would develop a technical solution.

#### Documentation

ECE/TRANS/WP.29/GRSP/72, paragraph 61  
ECE/TRANS/WP.29/1166, paragraph 76

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