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Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Passive Safety

Seventy-second session

Geneva, 5–9 December 2022

Item 1 of the provisional agenda

Adoption of the Agenda

Annotated Provisional Agenda for the Seventy-Second Session^{*}, ^{}**

to be held at the Palais des Nations, starting at 2.30 p.m. CET on Monday, 5 December 2022 and concluding at 1.00 p.m. on Friday, 9 December 2022.

^{*} 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-72nd-session>). 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/1000549/>). Based on the registrations received information for access to the virtual meeting will be provided.

I. Provisional Agenda¹

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. 16 (Safety-belts).
6. UN Regulation No. 17 (Strength of seats).
7. UN Regulation No. 95 (Lateral impact).
8. UN Regulation No. 100 (Electric power trained vehicles).
9. UN Regulation No. 127 (Pedestrian safety).
10. UN Regulation No. 129 (Enhanced Child Restraint Systems).
11. UN Regulation No. 134 (Hydrogen and Fuel Cells Vehicles)
12. UN Regulation No. 135 (Pole Side Impact).
13. UN Regulation No. 136 (Electric vehicle L).
14. UN Regulation No. 137 (Frontal impact with focus on restraint systems).
15. UN Regulation No. 145 (ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size).
16. UN Regulation No. 153 (Fuel system integrity and electric power train safety at rear-end collision).
17. Collective Amendments to UN Regulations Nos. 94, 95, 135 and 137.
18. Mutual Resolution No. 1.
19. Equitable Occupant Protection.
20. Securing Children in Buses and Coaches.
21. Exchange of Views on Vehicle Automation.
22. Strategy of the Inland Transport Committee.
23. Election of Officers.
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 June and November 2022 Sessions of the World Forum for Harmonization of Vehicle Regulations;
 - (d) Three-dimensional H-point Machine;
 - (e) Intelligent Transport Systems;
 - (f) Children Left in Cars;

¹ 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/2022/11

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

(a) Proposal for Amendment 3

The Working Party on Passive Safety (GRSP) will resume discussion on this subject based on the instructions received by the Executive Committee of the 1998 Agreement (AC.3) provided at its June 2022 session.

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 4

ECE/TRANS/WP.29/1166, paragraph 204

ECE/TRANS/WP.29/2021/53

ECE/TRANS/WP.29/2021/54

ECE/TRANS/WP.29/AC.3/31/Add.1

GRSP-70-33

GRSP-70-36

(b) Proposal for Amendment 4

GRSP will resume consideration of an amendment proposal (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/71, paragraph 5

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 will resume discussion on Phase 2 of the UN Global Technical Regulation (UN GTR), based on a proposal of draft amendment to the UN GTR (ECE/TRANS/WP.29/GRSP/2022/16) and final technical report (ECE/TRANS/WP.29/GRSP/2022/17) prepared by the Informal Working Group (IWG).

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 7

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/71, paragraph 9

5. UN Regulation No. 16 (Safety-belts)

GRSP agreed to resume consideration on a proposal (ECE/TRANS/WP.29/GRSP/2021/20) tabled by the expert from Spain updating drawings of fixtures of booster seats. GRSP also agreed to resume discussion on a proposal tabled by the expert from the European Association of Automotive Suppliers (CLEPA) (ECE/TRANS/WP.29/GRSP/2021/25) amending the existing support leg volume. Moreover, GRSP agreed to resume discussion on a revised proposal tabled by the expert from Japan (ECE/TRANS/WP.29/GRSP/2022/3) provided by a group of interested experts. GRSP also agreed to resume discussion on a supplement tabled by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) (ECE/TRANS/WP.29/GRSP/2022/12, superseding ECE/TRANS/WP.29/GRSP/2019/15), on the frontal airbag in the rear seats. GRSP also agreed to resume consideration (on the basis of accident data) of a proposal from the expert of Finland on the possibility of three-point safety-belts in the M₂ and the M₃ categories of vehicles, if available. Finally, GRSP agreed to resume consideration of a proposal tabled by the expert from France to assess the connection of the safety-belt reminder system in the case of removable seats (ECE/TRANS/WP.29/GRSP/2022/13).

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraphs 11–16

ECE/TRANS/WP.29/GRSP/2021/20

ECE/TRANS/WP.29/GRSP/2021/25

ECE/TRANS/WP.29/GRSP/2022/3

ECE/TRANS/WP.29/GRSP/2022/12

ECE/TRANS/WP.29/GRSP/2022/13

(ECE/TRANS/WP.29/GRSP/2019/15)

GRSP-66-14

(GRSP-70-06)

(GRSP-70-07)

6. UN Regulation No. 17 (Strength of seats)

GRSP may wish to discuss two proposals of amendments tabled by the expert from Germany to ensure, that only safe head restraints will 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/2022/20 and ECE/TRANS/WP.29/GRSP/2022/21)

Documentation

ECE/TRANS/WP.29/GRSP/2022/20

ECE/TRANS/WP.29/GRSP/2022/21

7. UN Regulation No. 95 (Lateral impact)

GRSP agreed to resume discussion based on the request to its experts to investigate the consequences of non-compliance of the barrier and to make sure that barriers used for type approval testing are fully compliant.

ECE/TRANS/WP.29/GRSP/71, paragraph 18

(GRSP-70-30)

8. UN Regulation No. 100 (Electric power trained vehicles)

GRSP agreed to resume discussion on a 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 (ECE/TRANS/WP.29/GRSP/2022/14).

ECE/TRANS/WP.29/GRSP/71, paragraph 20
ECE/TRANS/WP.29/GRSP/2022/14

9. UN Regulation No. 127 (Pedestrian safety)

GRSP may wish to resume discussion on a proposal tabled by the expert from the ad hoc group on pedestrian safety (ECE/TRANS/WP.29/GRSP/2022/18 and ECE/TRANS/WP.29/GRSP/2022/19), to clarify the definitions of the cowl monitoring, the windscreen, and the jerk areas.

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 23
ECE/TRANS/WP.29/GRSP/2022/18
ECE/TRANS/WP.29/GRSP/2022/19

10. UN Regulation No. 129 (Enhanced Child Restraint Systems)

GRSP agreed to resume consideration of a proposal tabled by the expert from CLEPA (ECE/TRANS/WP.29/GRSP/2021/26) amending the existing support leg volume. Moreover, GRSP might wish to consider a proposal of amendment to correct previous editing mistakes and to harmonize the vertical excursion limit for Q3 and Q6 dummies (ECE/TRANS/WP.29/GRSP/2022/25).

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 24
ECE/TRANS/WP.29/GRSP/2022/25
(ECE/TRANS/WP.29/GRSP/2022/26)

11. UN Regulation No. 134 (Hydrogen and Fuel Cells Vehicles)

GRSP agreed to resume consideration of a proposal tabled by the expert from France (ECE/TRANS/WP.29/GRSP/2022/15), to clarify the procedure and the characteristics of the measuring device used in the compliance test for the vehicle exhaust system. Moreover, GRSP agreed to resume discussion on the transposition of UN GTR No. 13, Phase 2 into UN Regulation No. 134 based on the outcome of work of the Task Force coordinated by the expert from the Netherlands.

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 45
ECE/TRANS/WP.29/GRSP/2022/15
(GRSP-71-12)

12. UN Regulation No. 135 (Pole Side Impact)

GRSP may wish to start discussion on a new proposal of amendments, if any.

13. UN Regulation No. 136 (Electric vehicle L)

GRSP agreed to resume discussion on the approval of replacement units of removable Rechargeable Electrical Energy Storage System (REESS) based on feedback from

contracting parties and on an analysis coordinated by interested experts verifying the need for a separate UN Regulation specifically dedicated to REESS replacement units, if the information is available.

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 29

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

GRSP may also wish to resume discussion on including the L₇ category of vehicles in the scope of the UN Regulation.

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 30

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

GRSP agreed to resume discussion on a proposal of amendments on lower strap anchorages by an ad hoc group led by the expert from the Netherlands.

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 31

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

GRSP agreed to resume consideration of a proposal from the expert of Germany to extend the condition of necessity of an influence on the results of the impact test to all the criteria defined in the UN Regulation (ECE/TRANS/WP.29/GRSP/2021/29).

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 32
ECE/TRANS/WP.29/GRSP/2021/29

17. Collective Amendments to UN Regulations Nos. 94, 95, 135 and 137

GRSP agreed to resume discussion on reintroducing a text that allows tolerances of the vehicle mass and simplified testing into UN Regulations Nos. 94, 95 and 137, based on documents tabled by the expert from Germany (ECE/TRANS/WP.29/GRSP/2022/22, ECE/TRANS/WP.29/GRSP/2022/23 and ECE/TRANS/WP.29/GRSP/2022/24).

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 47
ECE/TRANS/WP.29/GRSP/2022/22
ECE/TRANS/WP.29/GRSP/2022/23
ECE/TRANS/WP.29/GRSP/2022/24
(GRSP-71-25)

18. 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.

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 33

19. Equitable Occupant Protection

GRSP agreed to resume discussion on this subject based on the outcome of the ad hoc group review of existing and pending research, and share ongoing research on safety diversity of gender, stature and mass of all occupants. Moreover, GRSP may wish to be informed about the guidance from WP.29 at its June 2022 session on the possible cooperation of WP.6 – Regulatory Cooperation and Standardization Policies (ECE Trade Division) on developing gender responsive standards, as suggested by the expert from Sweden.

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 34
ECE/TRANS/WP.29/1166, paragraphs 72 and 73
(GRSP-70-01)

20. Securing Children in Buses and Coaches

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

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 35

21. Exchange of Views on Vehicle Automation

GRSP may wish to be informed about the outcome 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/71, paragraph 36

22. Strategy of the Inland Transport Committee

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

23. Election of Officers

Rule 37 of the Rules of Procedure (ECE/TRANS/WP.29/690/Rev.1) stipulates that GRSP will elect the Chair and Vice-Chair of the sessions scheduled for the year 2023.

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.

(c) **Highlights of the June and November 2022 Sessions of the World Forum for Harmonization of Vehicle Regulations**

GRSP will be briefed by the secretariat about the highlights of the noted sessions 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 restart discussion on the lack of harmonization of the 3D H-point machine, so as to provide GRSP support to reach a common understanding and solutions.

Documentation

ECE/TRANS/WP.29/GRSP/71, paragraph 42

(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/71, paragraph 44

ECE/TRANS/WP.29/1166, paragraph 76
