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Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Passive Safety

Seventieth session

Geneva, 6–10 December 2021

Item 1 of the provisional agenda

Adoption of the agenda

Annotated provisional agenda for the seventieth session*, **

to be held at the Palais des Nations, starting at 12.30 p.m. CET on Monday, 6 December 2021 and concluding at 15.30 p.m. on Friday, 10 December 2021.

* 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-70th-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/34903/>). 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. 12 (Steering mechanism).
6. UN Regulation No. 16 (Safety-belts).
7. UN Regulation No. 17 (Strength of seats).
8. UN Regulation No. 22 (Protective helmets).
9. UN Regulation No. 100 (Electric power trained vehicles).
10. UN Regulation No. 127 (Pedestrian safety).
11. UN Regulation No. 129 (Enhanced Child Restraint Systems).
12. UN Regulation No. 135 (Pole Side Impact (PSI)).
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. Mutual Resolution No. 1.
18. Female occupant protection.
19. Securing 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. 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 2021 sessions of WP.29;
 - (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/2021/17

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 a new proposal for Amendment 3 for the December 2021 session of GRSP, from the designated task force. GRSP may also resume discussion on the worst cases of high-injury risk for all possible scenarios due, for example, to height variations of the vehicle from adjustable suspension systems, on the basis of a possible new proposal.

Documentation

ECE/TRANS/WP.29/GRSP/69, paras. 4 and 5
ECE/TRANS/WP.29/1159, paras. 151 and 152
ECE/TRANS/WP.29/AC.3/31/Add.1
(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/69, para. 6
(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).

Documentation

ECE/TRANS/WP.29/GRSP/69, para. 7

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/69, para. 8

5. UN Regulation No. 12 (Steering mechanism)

GRSP agreed to continue with a proposal tabled by the expert from the Netherlands to introduce requirements on post-crash electrical safety, as was agreed for UN Regulation No. 94 (Frontal collision) (ECE/TRANS/WP.29/GRSP/2021/18).

Documentation

ECE/TRANS/WP.29/GRSP/69, para. 9
ECE/TRANS/WP.29/GRSP/2021/18
(GRSP-69-08)

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

GRSP agreed to resume consideration on 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 switch-off for frontal airbags in combination with rearward-facing child restraint systems in the rear seat. GRSP would resume consideration of a proposal tabled by the expert from Japan aimed at solving the issue of the safety-belt slipping up to the neck and submarining that may occur when the booster seat is fixed to the vehicle by an ISOFIX attachment (ECE/TRANS/WP.29/GRSP/2021/19). 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 M₂ and M₃ categories of vehicles (GRSP-66-08). Moreover, GRSP would consider a proposal tabled by the expert from Spain to update the drawings of the volume of child restraint booster seats to possibility allow a support leg (ECE/TRANS/WP.29/GRSP/2021/20). GRSP will also consider a proposal of amendments tabled by the expert from the European Association of Automotive Suppliers (CLEPA) amending the existing support leg volume to improve the compatibility between the support leg volume and the Child Restraint Fixtures used for assessing the external dimensions of an Enhanced Child Restraint System (ECRS) (ECE/TRANS/WP.29/GRSP/2021/25).

Documentation

ECE/TRANS/WP.29/GRSP/69, paras. 12–14
ECE/TRANS/WP.29/GRSP/2019/15
ECE/TRANS/WP.29/GRSP/2021/19
ECE/TRANS/WP.29/GRSP/2021/20
ECE/TRANS/WP.29/GRSP/2021/25
GRSP-66-08
GRSP-66-14
(GRSP-69-23)
(GRSP-69-24)

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

GRSP may resume consideration of a 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 when vehicles have a low roof construction. GRSP also agreed to resume discussion on an accident where the passengers died during the collision that may be due to the luggage displacement—introduced by the expert from Norway—to possibly revise requirements for rear seat strength. Moreover, GRSP agreed to continue discussion on a possible document to amend the UN Regulation.

Documentation

ECE/TRANS/WP.29/GRSP/69, paras. 15 and 16
ECE/TRANS/WP.29/GRSP/2020/12
(GRSP-69-34)

8. UN Regulation No. 22 (Protective helmets)

GRSP agreed to resume consideration of a revised proposal tabled by the ad hoc group on safety helmets (ECE/TRANS/WP.29/GRSP/2021/24) aimed at introducing a new type approval procedure for accessories.

Documentation

ECE/TRANS/WP.29/GRSP/69, para. 18
 ECE/TRANS/WP.29/GRSP/2021/24
 (ECE/TRANS/WP.29/GRSP/2021/15)
 (GRSP-69-26)
 (GRSP-69-32)
 (GRSP-69-36)

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

GRSP may wish to resume discussion on the issue raised by the expert from International Association of the Body and Trailer Building Industry (CLCCR), to propose a future amendment to UN Regulation No. 100 to introduce provisions for a type of electric axle in a trailer.

ECE/TRANS/WP.29/GRSP/69, para. 45
 (GRSP-69-30)

10. UN Regulation No. 127 (Pedestrian safety)

GRSP may wish to resume on the basis of the proposals tabled by the experts from Germany (ECE/TRANS/WP.29/GRSP/2019/18) and OICA (GRSP-69-21-Rev.1), aimed at clarifying whether vehicle height influences the test results of headform and legform tests. GRSP also agreed to resume consideration on the 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 (ECE/TRANS/WP.29/GRSP/2021/28).

Documentation

ECE/TRANS/WP.29/GRSP/69, para. 20
 ECE/TRANS/WP.29/GRSP/2019/18
 ECE/TRANS/WP.29/GRSP/2021/28
 (ECE/TRANS/WP.29/GRSP/2020/9)
 GRSP-69-21-Rev.1

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

GRSP agreed to resume on a proposal of limit values on the chest vertical acceleration and neck loads of Q-dummies during the dynamic testing of Enhanced Child Restraint Systems (ECRS) tabled by the expert from CLEPA. GRSP also agreed to resume on a proposal prepared by the expert from Spain, on behalf of the Technical Services Group (TSG) on UN Regulation No. 129, to clarify the head containment assessment for side impact testing (ECE/TRANS/WP.29/GRSP/2021/7). Moreover, GRSP will consider a proposal tabled by the expert from CLEPA (ECE/TRANS/WP.29/GRSP/2021/26) amending the existing support leg volume to improve the compatibility between the support leg volume and the Child Restraint Fixtures used for assessing the external dimensions of an ECRS.

Documentation

ECE/TRANS/WP.29/GRSP/69, paras. 21 to 24
 ECE/TRANS/WP.29/GRSP/2021/7
 ECE/TRANS/WP.29/GRSP/2021/26
 (GRSP-69-25)
 (GRSP-68-05)

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

GRSP agreed to resume discussion based a proposal tabled by the expert from the Netherlands to introduce requirements for post-crash electrical safety in frontal collision, as was agreed for UN Regulation No. 94 (ECE/TRANS/WP.29/GRSP/2021/21).

Documentation

ECE/TRANS/WP.29/GRSP/69, para. 27
ECE/TRANS/WP.29/GRSP/2021/21
(GRSP-69-10)

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

GRSP agreed to resume discussion on a proposal tabled by the expert from the International Motorcycle Manufacturers Association, on the need for specific requirements on swappable Rechargeable Electrical Energy Storage Systems (REESS) (ECE/TRANS/WP.29/GRSP/2021/22).

Documentation

ECE/TRANS/WP.29/GRSP/69, para. 28
ECE/TRANS/WP.29/GRSP/2021/22
(GRSP-69-13)

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. GRSP had agreed to resume discussion on a proposal to clarify the requirements adjusting the passenger seat back when installing the Hybrid-III 5th percentile female dummy (ECE/TRANS/WP.29/GRSP/2021/23).

Documentation

ECE/TRANS/WP.29/GRSP/69, para. 29
ECE/TRANS/WP.29/GRSP/2021/23
(GRSP-69-11)

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

GRSP will consider a proposal of amendments tabled by the expert of the Netherlands (ECE/TRANS/WP.29/GRSP/2021/27) aiming to correct the vehicle type definition in the UN Regulation.

Documentation

ECE/TRANS/WP.29/GRSP/2021/27

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 criteria in the definitions of the UN Regulation (ECE/TRANS/WP.29/GRSP/2021/29).

Documentation

ECE/TRANS/WP.29/GRSP/69, para. 46
ECE/TRANS/WP.29/GRSP/2021/29
(GRSP-69-07)

17. 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.

18. Female occupant protection

GRSP agreed to consider informal evaluation by an ad hoc group of experts of the technical merits of study from Sweden on female occupant protection and the terms of references of a possible IWG on this subject.

Documentation

ECE/TRANS/WP.29/GRSP/69, para. 32

19. Securing children in buses and coaches

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

Documentation

ECE/TRANS/WP.29/GRSP/69, 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. GRSP had agreed to start discussion on the areas under its responsibility which 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/69, 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

Following the request of the Chair of WP.29 at the June 2021 session of the World Forum, GRSP will discuss the draft programme of work (PoW) prepared by the secretariat for 2022 and 2023; experts participating in the work of GRSP may decide on activities for the 2022 PoW and discuss the 2023 PoW activities.

Documentation

ECE/TRANS/WP.29/1159, paras. 35–38

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 2022.

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 International Whole Vehicle Type Approval (IWVTA) Ambassador about the outcome of the recent meetings of IWG on IWVTA.

(c) Highlights of the June and November 2021 sessions of WP.29

GRSP will be briefed by the secretariat about the highlights of the noted sessions 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.

(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/69, para. 42
