



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### Working Party on Passive Safety

#### Forty-seventh session

Geneva, 17–21 May 2010

Item 1 of the provisional agenda

#### Adoption of the agenda

### **Annotated provisional agenda for the forty-seventh session<sup>1,2</sup>**

to be held at the palais des Nations, Geneva, starting at 2.30 p.m. on Monday, 17 May 2010 and concluding at 12.30 p.m. on Friday, 21 May 2010

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<sup>1</sup> For reasons of economy, delegates are requested to bring copies of all relevant documents to the session. There will be no documentation available in the conference room. Before the session, documents may be downloaded from the UNECE Transport Division's website (<http://www.unece.org/trans/main/wp29/wp29wgs/wp29grsp/grspage.html>). On an exceptional basis, documents may also be obtained by email mail to: [grsp@unece.org](mailto:grsp@unece.org) or by fax (41 22 91 70 039). During the session, official documents may be obtained from the UNOG Documents Distribution Section (Room C.337, third floor, Palais des Nations). For the translation of the afore-mentioned official documents, delegates can now access the new public Official Document System (ODS) on the following website: <http://documents.un.org/>.

<sup>2</sup> Delegates are requested to complete the registration form available for download on the UNECE Transport Division's website (<http://www.unece.org/trans/registfr.html>). It should be transmitted to the UNECE secretariat no later than one week prior to the session by email ([nelly.enonler@unece.org](mailto:nelly.enonler@unece.org) or [virginie.gatto@unece.org](mailto:virginie.gatto@unece.org)) or by fax (41 22 91 70 039). Upon arrival at the Palais des Nations, delegates should obtain an identification badge at the UNOG Security and Safety Section, located at the Pregny Gate (14, Avenue de la Paix). In case of difficulty, please contact the secretariat by telephone (ext. 71112 or 73570). For a map of the Palais des Nations and other useful information, please go to: <http://www.unece.org/meetings/practical.htm>.

## I. Provisional agenda\*

1. Adoption of the agenda
2. Global technical regulation No. 1 (Door locks and door retention components)
3. Global technical regulation No. 7 (Head restraints)
4. Global technical regulation No. 9 (Pedestrian safety)
  - 4.1. Phase 2 of the global technical regulation (Flexible legform impactor provisions)
  - 4.2. Proposal for Amendment 1 to global technical regulation No. 9
  - 4.3. Proposal for Corrigendum 2 to global technical regulation No. 9
5. Side impact
6. Crash compatibility
7. Hydrogen and fuel cell vehicles
8. Regulation No. 11 (Door latches and hinges)
9. Regulation No. 12 (Steering mechanism)
10. Regulation No. 14 (Safety-belt anchorages)
11. Regulation No. 16 (Safety-belts)
12. Regulation No. 17 (Strength of seats)
13. Regulation No. 22 (Protective helmets)
14. Regulation No. 29 (Cab of a commercial vehicles)
15. Regulation No. 44 (Child restraints systems)
16. Regulation No. 80 (Strength of seats and their anchorages (buses))
17. Regulation No. 94 (Frontal collision)
18. Regulation No. 95 (Lateral collision)
19. Regulation No. 100 (Construction and functional safety of battery electric vehicles)
20. Collective amendments to Regulations Nos. 12, 14, 16, 17, 21, 25, 32, 33, 80, 94, 95 and 114
21. Buses and coaches
  - 21.1. Frontal collision of buses and coaches
  - 21.2. Restraining of children travelling in buses and coaches
22. Draft Regulation on pedestrian safety
23. Draft new Regulation on child restraint systems
24. Other business

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\* Documents in brackets will not be considered at the session. They are on the agenda for reference purpose only.

- 24.1. Exchange of information on national and international requirements on passive safety
- 24.2. 1997 Agreement (Inspections) - Development of draft Rule No. 2

## **II. Annotations to the provisional agenda**

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

In accordance with Chapter III, Rule 7 of the Rules of Procedure (TRANS/WP.29/690 and Amend 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/2009/1

### **2. Global technical regulation No. 1 (Door locks and door retention components)**

The Working Party on Passive Safety (GRSP) might wish to resume consideration of this subject on the basis of a consolidated proposal of amendments tabled by the expert from the United States of America encompassing all those submitted so far, including the latest changes introduced during the rulemaking procedure to transpose the global technical regulation (gtr) No. 1 in the final rule, if available.

#### **Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 4, ECE/TRANS/WP.29/GRSP/2009/2, ECE/TRANS/WP.29/GRSP/2008/3, ECE/TRANS/WP.29/GRSP/2008/4, ECE/TRANS/WP.29/GRSP/2008/20, (ECE/TRANS/WP.29/AC.3/18)

### **3. Global technical regulation No. 7 (Head restraints)**

GRSP might wish to be informed on the work progress of the informal group on gtr No. 7 Phase 2. A proposal from the informal group could also be considered, if available.

#### **Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 5, ECE/TRANS/WP.29/1079, para. 102 (ECE/TRANS/WP.29/AC.3/25)

### **4. Global technical regulation No. 9 (Pedestrian safety)**

#### **4.1. Phase 2 of the global technical regulation (Flexible legform impactor provisions)**

GRSP agreed to continue consideration of a consolidated proposal tabled by the expert from Japan regarding the incorporation of the flexible pedestrian legform impactor (Flex-PLI) provisions in the Phase 2 of the gtr. GRSP also agreed to continue consideration

of a proposal submitted by the expert from Germany to make mandatory the anterior cruciate ligaments (ACL) elongation and posterior cruciate ligaments (PCL) injury criteria in the Phase 2 of the gtr.

### **Documentation**

ECE/TRANS/WP.29/GRSP/46, paras. 6-9, ECE/TRANS/WP.29/1079, para. 101, ECE/TRANS/WP.29/GRSP/2010/2, ECE/TRANS/WP.29/GRSP/2010/4 (ECE/TRANS/WP.29/GRSP/2009/21),(ECE/TRANS/WP.29/AC.3/24)

#### **4.2. Proposal for Amendment 1 to global technical regulation No. 9**

Regarding the introduction of a criteria that determines the exemption of flat front vehicles (approved as categories 1-2 and 2 or as category 1-1 with a gross vehicle mass exceeding 2.5 t which are derived from category 2), GRSP agreed to resume discussion on the basis of revised proposals tabled by the expert from Germany.

### **Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 10, ECE/TRANS/WP.29/GRSP/2010/5, ECE/TRANS/WP.29/GRSP/2010/6, (ECE/TRANS/WP.29/GRSP/2009/20), (ECE/TRANS/WP.29/AC.3/23)

#### **4.3. Proposal for Corrigendum 2 to global technical regulation No. 9**

GRSP will consider a proposal of corrigendum to gtr No. 9 on the basis of a proposal jointly prepared by the experts from EC and the Republic of Korea.

### **Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 11, ECE/TRANS/WP.29/GRSP/2010/7

#### **5. Side impact**

GRSP agreed to resume consideration of this agenda item, awaiting the decision of the Executive Committee of the 1998 Agreement (AC.3) at its March 2010 session, with regard to the initiative announced by the expert from the United States of America for the inclusion of the harmonization activities of side impact dummies into the programme of work of AC.3, as well as the request for the establishment of an informal group on this subject.

### **Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 12, ECE/TRANS/WP.29/1079, para. 109

#### **6. Crash compatibility**

GRSP might wish to receive further information on this subject, if available.

**Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 13

**7. Hydrogen and fuel cell vehicles**

GRSP expects to be informed about the work progress of the sub-group on safety.

**Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 14, (ECE/TRANS/WP.29/AC.3/17)

**8. Regulation No. 11 (Door latches and hinges)**

GRSP agreed to continue discussion of this agenda item on the basis of a revised proposal tabled by the expert from the European Commission (EC) and of a proposal tabled by the expert from the Netherlands.

**Documentation**

ECE/TRANS/WP.29/GRSP/46, paras. 15–18, (ECE/TRANS/WP.29/GRSP/2009/22),  
ECE/TRANS/WP.29/GRSP/2010/16, ECE/TRANS/WP.29/GRSP/2010/17,  
(GRSP-46-40), (GRSP-46-03)

**9. Regulation No. 12 (Steering mechanism)**

GRSP agreed to resume consideration of a proposal tabled by the expert from India. GRSP might wish to resume consideration of a revised proposal tabled by the expert from France in order to introduce provisions regarding electric vehicles.

**Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 41, ECE/TRANS/WP.29/GRSP/2010/14,  
ECE/TRANS/WP.29/GRSP/2010/19

**10. Regulation No. 14 (Safety-belt anchorages)**

GRSP may wish to consider two proposals tabled by the expert from Germany aimed at respectively introducing provisions for the correct use of ISOFIX top tether anchorages and rationale for the definition of vehicle configuration to be exempted from the mandatory installation of ISOFIX anchorages on the rear seats. Moreover, GRSP may wish to consider a revised proposal submitted by the experts from Belgium and Germany to allow the installation of side-facing seats under certain conditions in vehicle category M<sub>3</sub> (Class II, III and B).

## **Documentation**

ECE/TRANS/WP.29/GRSP/46, paras. 19–20, ECE/TRANS/WP.29/GRSP/2010/8  
ECE/TRANS/WP.29/GRSP/2010/9, ECE/TRANS/WP.29/GRSP/2010/24  
(ECE/TRANS/WP.29/GRSP/2008/22), (ECE/TRANS/WP.29/GRSP/2008/23)  
(GRSP–45–13) (GRSP–46–14)

### **11. Regulation No. 16 (Safety-belts)**

GRSP agreed to resume consideration of this agenda item on the basis of a proposal tabled by the expert from the Russian Federation in order to conduct a further revision of the provisions regarding the installation of safety-belts on M<sub>2</sub> and M<sub>3</sub> vehicles belonging to Class II. GRSP also may wish to continue consideration of a proposal tabled by the expert from the European Association of Automotive Suppliers (CLEPA) in order to facilitate buckling up of safety-belts in vehicles. Moreover, as well as for Regulation No. 14, GRSP may wish to consider a revised proposal submitted by the experts from Belgium and Germany dealing with the installation of side-facing seats under certain conditions in vehicle category M<sub>3</sub> (Class II, III and B). Finally, GRSP will consider a proposal tabled by the expert from Germany regarding the marking of safety-belts.

## **Documentation**

ECE/TRANS/WP.29/GRSP/46, paras. 21–22, ECE/TRANS/WP.29/GRSP/2010/10,  
ECE/TRANS/WP.29/GRSP/2010/11, ECE/TRANS/WP.29/GRSP/2010/18,  
ECE/TRANS/WP.29/GRSP/2010/25, (GRSP–46–02), (GRSP–46–15)

### **12. Regulation No. 17 (Strength of seats)**

GRSP agreed to resume consideration on this agenda item awaiting the outcome of the meetings of the informal group on gtr No. 7 Phase 2. Moreover, GRSP may wish to consider a proposal submitted by the experts from Belgium and Germany to allow the installation of side-facing seats under certain conditions in vehicle category M<sub>3</sub> (Class II, III and B).

## **Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 23, ECE/TRANS/WP.29/GRSP/2009/15,  
ECE/TRANS/WP.29/GRSP/2009/23, ECE/TRANS/WP.29/GRSP/2009/24,  
ECE/TRANS/WP.29/GRSP/2010/23

### **13. Regulation No. 22 (Protective helmets)**

GRSP agreed to continue consideration of this subject.

## **Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 24

**14. Regulation no. 29 (Cab of a commercial vehicle)**

GRSP may wish to continue consideration on this agenda item awaiting a proposal for a new series of amendments to include a rear wall strength test (test D), if available.

**Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 25

**15. Regulation No. 44 (Child restraints systems)**

GRSP will consider a proposal tabled by the expert from Germany to improve test procedures of the Regulation.

**Documentation**

ECE/TRANS/WP.29/GRSP/2010/22

**16. Regulation No. 80 (Strength of seats and their anchorages (buses))**

GRSP might wish to resume consideration of a revised proposal submitted by the experts from Belgium and Germany to allow the installation of side-facing seats under certain conditions in vehicles category M<sub>3</sub> (Class II, III and B).

**Documentation**

ECE/TRANS/WP.29/ GRSP/46, paras. 39–40, ECE/TRANS/WP.29/GRSP/2010/3, (GRSP–46–19)

**17. Regulation No. 94 (Frontal collision)**

GRSP agreed to resume discussion of this agenda item on the basis of a proposal tabled by the expert from the International Organization of Motor Vehicle Manufacturers (OICA). Moreover, GRSP might wish to resume consideration of a revised proposal tabled by the expert from France in order to introduce provisions regarding the frontal shock of electric vehicles.

**Documentation**

ECE/TRANS/WP.29/ GRSP/46, paras. 26–28, ECE/TRANS/WP.29/GRSP/2010/12, ECE/TRANS/WP.29/GRSP/2010/20, (ECE/TRANS/WP.29/GRSP/2007/17)

**18. Regulation No. 95 (Lateral collision)**

GRSP might wish to resume consideration of a revised proposal tabled by the expert from France in order to introduce provisions regarding the lateral shock of electric vehicles.

### **Documentation**

ECE/TRANS/WP.29/ GRSP/46, paras. 26–28, ECE/TRANS/WP.29/GRSP/2010/21

## **19. Regulation No. 100 (Construction and functional safety of battery electric vehicle safety)**

GRSP might wish to be informed on the work progress of the informal group on Electric Safety (ELSA) regarding the completion of post-crash provisions to be applicable to the draft gtr on Hydrogen and Fuel Cells Vehicles.

### **Documentation**

ECE/TRANS/WP.29/GRSP/46, paras. 32–33

## **20. Collective amendments to Regulations Nos. 12, 14, 16, 17, 21, 25, 32, 33, 80, 94, 95 and 114.**

GRSP agreed to resume discussion on this subject on the basis of a proposal tabled by the expert from CLEPA.

### **Documentation**

ECE/TRANS/WP.29/ GRSP/46, para. 42, ECE/TRANS/WP.29/GRSP/2010/15

## **21. Buses and coaches**

### **21.1. Frontal collision of buses and coaches**

GRSP might wish to be informed by the expert from Spain about the work activity of the European Enhanced Vehicle Committee (EEVC) on this subject, if available.

### **Documentation**

ECE/TRANS/WP.29/GRSP/46, paras 29–30, (GRSP-44-26)

### **21.2. Restraining of children travelling in buses and coaches**

GRSP agreed to resume discussion on this agenda item, awaiting new information regarding legislative initiatives to enhance safety of vehicles carrying children (i.e.: Japan).

### **Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 31, (ECE/TRANS/WP.29/GRSP/2008/25), (GRSP-44-29)

**22. Draft Regulation on pedestrian safety**

GRSP will continue discussing this agenda item, pending the conclusion of the discussion regarding the proposed Amendment 1 to global technical regulation No. 9, and a proposal tabled by the expert from Japan.

**Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 34, ECE/TRANS/WP.29/GRSP/2009/17,  
ECE/TRANS/WP.29/GRSP/2010/13, (ECE/TRANS/WP.29/GRSP/2009/10)

**23. Draft new Regulation on child restraint systems**

GRSP may wish to resume discussion of this agenda item on the basis of a new proposal submitted by the informal group on child restraint systems.

**Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 35, ECE/TRANS/WP.29/GRSP/2010/26,  
ECE/TRANS/WP.29/1079, para. 14

**24. Other business****24.1. Exchange of information on national and international requirements on passive safety**

GRSP may wish to have an exchange of information about the ongoing national legislative developments on this subject.

**Documentation**

ECE/TRANS/WP.29/GRSP/46, para. 38

**24.2. 1997 Agreement (inspections) - Development of draft Rule No. 2**

Following the request of the World Forum at its November 2009 session, GRSP will consider a proposal on this subject.

**Documentation**

ECE/TRANS/WP.29/1079, paras. 71–72, ECE/TRANS/WP.29/2009/135,  
(ECE/TRANS/WP.29/1081)

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