



# Economic and Social Council

Distr.: General  
28 June 2011

Original: English  
English and French only

---

## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

### Working Party on Brakes and Running Gear

#### Seventy-first session

Geneva, 13–15 September 2011

Item 1 of the provisional agenda

#### Adoption of the agenda

### **Annotated provisional agenda for the seventy-first session**<sup>1 2</sup>

to be held at the Palais des Nations, Geneva, starting at 9.30 a.m. on 13 September 2011 and concluding at 5.30 p.m. on 15 September 2011.

---

<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/wp29grrf/grrfage.html>). On an exceptional basis, documents may also be obtained by email ([grrf@unece.org](mailto:grrf@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 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). For a map of the Palais des Nations and other useful information, please go to: <http://www.unece.org/meetings/practical.htm>. Please check the meeting room number at the following link: <http://www.unece.org/meetings/meetgen.htm>

## **I. Provisional agenda**

1. Adoption of the agenda.
2. Advanced Emergency Braking Systems.
3. Regulations Nos. 13 and 13-H (Braking):
  - (a) Electronic stability control (ESC);
  - (b) Trailer braking;
  - (c) Fully Automated Coupling Systems (FACS);
  - (d) Clarifications;
  - (e) Braking symbols in Regulation No. 121 (Identification of controls, tell-tales and indicators);
  - (f) Other business.
4. Regulation No. 55 (Mechanical couplings).
5. Regulation No. 90 (Replacement brake linings).
6. Tyres:
  - (a) Global technical regulation on tyres;
  - (b) Regulations Nos. 30 and 54 (Pneumatic tyres)
  - (c) Regulation No. 106 (Tyres for agricultural vehicles);
  - (d) Regulation No. 117 (Tyres - Rolling resistance, rolling noise and wet grip);
  - (e) Other business.
7. Other business.

## **II. Annotations and list of documents**

### **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/GRRF/2011/28

### **2. Advanced Emergency Braking Systems**

The informal group on Automatic Emergency Braking and Lane Departure Warning Systems (AEBS/LDWS) will meet on 12 September 2011 (time to be confirmed by the Chair of the informal group), in conjunction with the proper session of the Working Party on Brakes and Running Gear (GRRF). The informal meeting will be held without interpretation. GRRF may wish to be informed about the work progress of the informal group. In particular, GRRF agreed to consider ECE/TRANS/WP.29/92 proposing a new Regulation on AEBS which covers collision mitigation braking systems and

ECE/TRANS/WP.29/2011/93 introducing requirements on collision avoidance braking systems, as draft 01 series of amendments to the new draft Regulation on AEBS.

*Documentation:* ECE/TRANS/WP.29/2011/92  
ECE/TRANS/WP.29/2011/93

### **3. Regulations Nos. 13 and 13-H (Braking)**

#### **(a) Electronic stability control (ESC)**

GRRF agreed to reconsider the issue of heavy four-axle vehicles on the basis of a proposal (if available) by the experts from Denmark, Russian Federation and European Commission (EC), supplemented by additional information (market penetration, axle and driver configuration, technical constraints on the ESC of such vehicles, accident data, etc) from the European Association of Automobile Suppliers (CLEPA) and the International Organization of Motor Vehicle Manufacturers (OICA).

GRRF adopted ECE/TRANS/WP.29/2011/94 on an Alternative Method to assess the vehicle Electronic Vehicle Stability Control system (AMEVSC), subject to a final review by GRRF at its September 2011 session. GRRF agreed that the AMEVSC group would continue to study further the use of simulation methods.

GRRF may wish to consider ECE/TRANS/WP.29/GRRF/2011/36 on the conditions for obtaining the test report according to Part 2 paragraph 1.1. of Annex 19.

*Documentation:* ECE/TRANS/WP.29/2011/94  
ECE/TRANS/WP.29/GRRF/2011/36

#### **(b) Trailer braking**

GRRF may wish to consider ECE/TRANS/WP.29/GRRF/2011/33 by the experts from CLEPA proposing to allow trailer manufacturers to equip their semi-trailers so as to achieve a higher deceleration.

*Documentation:* ECE/TRANS/WP.29/GRRF/2011/33

#### **(c) Fully Automated Coupling Systems (FACS)**

GRRF invited the FACS Informal group to clarify its scope of work, with the view of adopting its Terms of References at the September 2011 session of GRRF.

#### **(d) Clarifications**

GRRF may wish to consider different clarifications to Regulations Nos. 13 and 13-H:

(i) ECE/TRANS/WP.29/GRRF/2010/19 and GRRF-69-18 from India clarifying Regulation No. 13-H with regard to Brake Assist Systems (BAS);

(ii) ECE/TRANS/WP.29/GRRF/2010/21 and its Corrigendum 1 from Japan and ECE/TRANS/WP.29/GRRF/2011/34 from OICA proposing a way to deal with crossed references to Regulation No. 10 in Regulations Nos. 13 and 13-H;

(iii) ECE/TRANS/WP.29/GRRF/2011/32 from CLEPA correcting figure 1A in Appendix 5 to Annex 11.

(iv) ECE/TRANS/WP.29/GRRF/2011/35 from CLEPA and OICA clarifying which levels of braking performance are reasonable in the different positions of the ignition key.

*Documentation:* ECE/TRANS/WP.29/GRRF/2010/19  
ECE/TRANS/WP.29/GRRF/2010/21 and Corr.1  
ECE/TRANS/WP.29/GRRF/2011/32  
ECE/TRANS/WP.29/GRRF/2011/34  
ECE/TRANS/WP.29/GRRF/2011/35  
Informal document GRRF-69-18

**(e) Braking symbols in Regulation No. 121 (Identification of controls, tell-tales and indicators)**

GRRF agreed to consider again ECE/TRANS/WP.29/GRSG/2011/7 proposed by OICA on the colour used for the brake system malfunction tell-tale in Regulation No. 121. The expert from Canada presented ECE/TRANS/WP.29/GRRF/2011/37 proposing to add more ESC symbols in Regulation No. 121 and adding a reference to these symbols in Regulation-No. 13-H. Furthermore, GRRF invited OICA to prepare a further amendment to Regulation No. 13, with adequate transitional provisions, to mandate the specific ESC symbol introduced in Regulation No. 121.

*Documentation:* ECE/TRANS/WP.29/GRSG/2011/7  
ECE/TRANS/WP.29/GRRF/2011/37

**(f) Other business**

GRRF may wish to consider further proposals for amendments to Regulations Nos. 13 and 13-H, if available.

**4. Regulation No. 55 (Mechanical couplings)**

GRRF agreed to resume consideration on ECE/TRANS/WP.29/GRRF/2011/7 by the expert from Germany proposing to clarify the text of the Regulation.

*Documentation:* ECE/TRANS/WP.29/GRRF/2011/7

**5. Regulation No. 90 (Replacement brake linings)**

GRRF agreed to consider ECE/TRANS/WP.29/GRRF/2011/38 by the experts from OICA/CLEPA correcting the 02 series of amendments to Regulation No. 90. GRRF may wish to consider GRRF-71-02 on identical discs and drums by the expert from the Federation of European Manufacturers of Friction Materials (FEMFM).

*Documentation:* ECE/TRANS/WP.29/GRRF/2011/38  
Informal document GRRF-71-02

**6. Tyres**

**(a) Global technical regulation on tyres**

GRRF may wish to be informed about the work progress of the Informal group on the global technical regulation (gtr) on tyres.

**(b) Regulations Nos. 30 and 54 (Pneumatic tyres)**

GRRF agreed to reconsider ECE/TRANS/WP.29/GRRF/2011/13 and ECE/TRANS/WP.29/GRRF/2011/14 by the experts from the European Tyre and Rim

Technical Organization (ETRTO) proposing to introduce in Regulations Nos. 30 and 54 the definitions recently introduced for Regulation No. 117.

*Documentation:* ECE/TRANS/WP.29/GRRF/2011/13  
ECE/TRANS/WP.29/GRRF/2011/14

**(c) Regulation No. 106 (Tyres for agricultural vehicles)**

GRRF may wish to consider ECE/TRANS/WP.29/GRRF/2011/31 from ETRTO aligning the values of the variation of load carrying capacity for some tyres to those published by other International Standards.

*Documentation:* ECE/TRANS/WP.29/GRRF/2011/31

**(d) Regulation No. 117 (Tyres - Rolling resistance, rolling noise and wet grip)**

GRRF agreed to consider again ECE/TRANS/WP.29/GRRF/2011/12 by the expert from EC proposing to update the current wet grip testing method. GRRF may also wish to consider ECE/TRANS/WP.29/GRRF/2011/29 and ECE/TRANS/WP.29/GRRF/2011/30 on snow tyres prepared by ETRTO.

*Documentation:* ECE/TRANS/WP.29/GRRF/2011/12  
ECE/TRANS/WP.29/GRRF/2011/29  
ECE/TRANS/WP.29/GRRF/2011/30

**(e) Other business**

GRRF may wish to consider further proposals for amendment to tyre Regulations, if available.

**7. Other business**

GRRF may wish to consider other proposals, if available.

---