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World Forum for Harmonization of Vehicle Regulations

Working Party on Brakes and Running Gear

Seventy-fourth session

Geneva, 19–22 February 2013

Item 1 of the provisional agenda

Adoption of the agenda

Annotated provisional agenda for the seventy-fourth session^{1 2}

to be held at the Palais des Nations, Geneva, starting at 9.30 a.m. on 19 February 2013 and concluding at 5.30 p.m. on 22 February 2013.

¹ 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 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/>

² 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 (benedicte.boudol@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. 74323). For a map of the Palais des Nations and other useful information, please go to: <http://www.unece.org/meetings/practical.htm>.

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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/2013/1

2. Advanced Emergency Braking Systems

GRRF may wish to be informed on the progress made by the informal group on Advanced Emergency Braking Systems (AEBS) at its meeting prior to the GRRF session proper, especially on the performance requirements for vehicles of categories M₂ and N₂ ≤ 8 tonnes.

Documentation: Working paper AEBS-LDWS-17-02-Rev.1

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

(a) Electronic Stability Control (ESC)

GRRF agreed to resume consideration of revised proposals clarifying the use of a test report according to Annex 19 of UN Regulation No. 13 that proves compliance of a vehicle stability function, if available.

GRRF agreed to resume consideration of a revised proposal by the informal group on Alternative Method Electronic Vehicle Stability Control (AMEVSC) that clarifies the requirements for the use of simulations to demonstrate compliance of the vehicle stability function.

Documentation: ECE/TRANS/WP.29/GRRF/2013/10
(ECE/ TRANS/WP.29/GRRF/2012/2)

(b) Automated Connections between Vehicles (ACV)

GRRF will be informed about by the Chair of the informal group on ACV on the work progress made by the group.

Documentation: ECE/TRANS/WP.29/GRRF/2013/2

(c) Clarifications

GRRF agreed to continue consideration of an updated proposal to introduce new provisions for electro-hydraulic transmission for electric brake systems.

Documentation: ECE/TRANS/WP.29/GRRF/2012/11

GRRF agreed to revisit the subject of the reproduction or reference to private standards in UN Regulations and on static or dynamic references to other UN Regulations.

Documentation: ECE/TRANS/WP.29/GRRF/2013/3
ECE/TRANS/WP.29/GRRF/2011/34
ECE/TRANS/WP.29/GRRF/2012/21
(ECE/TRANS/WP.29/2012/93)

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

GRRF endorsed ECE/TRANS/WP.29/GRRF/2012/14 on the insertion of ESC related symbols into UN Regulation No. 121, but agreed to review the transitional provisions taking into account the guidelines by WP.29 (ECE/TRANS/WP.29/1044/Rev.1).

Documentation: (ECE/TRANS/WP.29/2012/30)
ECE/TRANS/WP.29/GRRF/2012/14

(e) **Other business**

GRRF agreed to consider a proposal tabled by the experts from the European Association of Automotive Suppliers (CLEPA) and from the International Organization of Motor Vehicle Manufacturers (OICA) to harmonize the provisions for regenerative braking systems (RBS) in UN Regulations Nos. 13 and 13-H with the Federal Motor Vehicle Safety Standards 135 (FMVSS 135) on electric vehicle requirement with special regard to the regenerative braking system.

Documentation: ECE/TRANS/WP.29/GRRF/2012/16
Informal document GRRF-72-02

4. Regulation No. 55 (Mechanical couplings)

GRRF may wish to consider a proposal tabled by Germany on drawbar coupling devices and their bending resistance, if available.

GRRF may wish to be informed on the work progress made by the informal group on UN Regulation No. 55. GRRF agreed to consider a proposal by the informal group on the terms of reference and rules of procedure.

Documentation: Working paper R55-01-02

5. Motorcycle braking

(a) **Regulation No. 78**

GRRF may wish to reconsider a proposal on motorcycle anti-lock braking systems (ABS).

Documentation: Informal document GRRF-73-10

GRRF may wish to consider a proposal on motorcycle braking introducing amendments to clarify the current provisions for the use of combined braking systems (CBS).

Documentation: ECE/TRANS/WP.29/GRRF/2013/7

(b) **Global Technical Regulation No. 3**

GRRF may wish to revisit the subject on the peak friction coefficient (PFC).

Documentation: Informal document GRRF-73-11

GRRF may wish to consider a proposal on motorcycle braking introducing amendments to clarify the current provisions for the use of combined braking systems (CBS).

Documentation: ECE/TRANS/WP.29/GRRF/2013/8

6. Regulation No. 90 (Replacement brake linings)

GRRF agreed to further discuss a proposal tabled by the expert from the Federation of European Manufacturers of Friction Materials (FEMFM) clarifying the test provisions for "identical" brake linings on the basis of a revised proposal.

Documentation: ECE/TRANS/WP.29/GRRF/2013/4

7. Tyres

(a) Global Technical Regulation on tyres

GRRF agreed to have a final review of the draft Global Technical Regulation on tyres submitted by the informal group.

Documentation: ECE/TRANS/WP.29/GRRF/2012/22

(b) Regulation No. 117

GRRF may consider proposals submitted by European Tyre and Rim Technical Organisation (ETRTO) amending the snow test method for C₃ tyres. GRRF may wish to consider a proposal by ETRTO for a Corrigendum to UN Regulation No. 117.

Documentation: ECE/TRANS/WP.29/GRRF/2012/19

GRRF may consider proposals submitted by the experts from France and the European Commission introducing new wet grip testing provisions for tyres of category C₂ and C₃. GRRF may wish to consider, if available, a proposal by ETRTO introducing wet grip provisions including limit values into UN Regulation No. 117.

Documentation: ECE/TRANS/WP.29/GRRF/2012/9
Informal documents GRRF-73-08, GRRF-73-18 and GRRF-73-21

(c) Other business

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

8. Intelligent Transport Systems (ITS)

GRRF might wish to be informed about the ongoing progress of activities and provide comments on WP.29-157-06.

Documentation: (ECE/TRANS/WP.29/1099, para. 17)
Informal document WP.29-157-06

9. Steering equipment

(a) Regulation No. 79

GRRF agreed to reconsider a proposal submitted by the experts from CLEPA and OICA (GRRF-73-23) concerning UN Regulation No. 79, proposing the alignment of the test speed and braking performance requirement for vehicles of category M₁ and N₁ in the event of energy source failure with those in UN Regulations Nos. 13-H and 13.

Documentation: ECE/TRANS/WP.29/GRRF/2013/5
Informal document GRRF-73-23

(b) Lane keeping assist system (LKAS) and Parking assist systems (PAS)

GRRF agreed to revisit a proposal submitted by the expert from Japan (GRRF-73-16) suggesting possible regulatory development for "Lane Keeping Assist Systems (LKAS)" and "Parking Assist Systems (PAS)" technologies. GRRF might wish to consider a proposal submitted by the expert from Japan for the Terms of References (ToR) for a new informal group.

Documentation: ECE/TRANS/WP.29/GRRF/2013/6
(ECE/TRANS/WP.29/1099, paras. 28 and 39)
Informal document GRRF-73-16

10. International Whole Vehicle Type Approval (IWVTA)

GRRF may expect an oral report and guidance from its Ambassador to the IWVTA Informal Group.

GRRF agreed to reconsider in detail WP.29-156-21-Rev.1 and especially the specific tasks addressed to GRRF:

- (i) GRRF may decide to create a list of suitable UN Regulations to be included in IWVTA without any or with small amendments to reach consensus.
- (ii) GRRF might decide to select potential candidate UN Regulations for IWVTA which require major amendments and might decide how to deal with these amendments.
- (iii) GRRF might consider also new possible regulatory developments (see as an example item 9(b) of this agenda and item 18 and 46 on page 5 of WP.29-156-21-Rev.1)

Documentation: (ECE/TRANS/WP.29/1099 paras. 38-39)
Informal document WP.29-156-21-Rev.1

GRRF is expected to establish a road map on how to move forward with the tasks on the International Whole Vehicle Type Approval.

11. 1997 Agreement

GRRF may wish consider in detail WP.29-158-21 referred by WP.29 to GRRF and its other subsidiary bodies (GRE, GRSP and GRSG), for amendments to UN Rule No. 2 (Roadworthiness) that would reduce differences with the corresponding EU Directives.

Documentation: (ECE/TRANS/WP.29/1099 para. 69)
Informal document WP.29-158-21

12. Other business

(a) Highlights of the November 2012 session of WP.29

GRRF will be briefed by the secretariat about the highlights of the November 2012 session of WP.29 on GRRF and common issues.

Documentation: ECE/TRANS/WP.29/1099

(b) Any other business

GRRF may wish to consider any other proposals, if available.
