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Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Automated/Autonomous and Connected Vehicles*

Second session

Geneva, 28 January-1 February 2019

Item 1 of the provisional agenda

Adoption of the Agenda

Provisional agenda for the second session** , ***

to be held at the Palais des Nations, Geneva, starting at 2.30 p.m. on 28 January 2019 and concluding at 12.30 p.m. on 1 February 2019.

Note: Following the Inland Transport Committee request (ECE/TRANS/274, para. 52), WP.29 decided (ECE/TRANS/WP.29/1139, para. 33) to convert the Working Party on Brake and Running Gear (GRRF) in the Working Party on Automated/Autonomous and Connected Vehicles (GRVA), subject to final endorsement by the Inland Transport Committee at its February 2019 session. Therefore, this provisional agenda is prepared for the second session of GRVA instead of the eighty-eighth session of GRRF as originally scheduled.

* Formerly: **Working Party on Brakes and Running Gear (GRRF)**.

** Delegates are requested to register online with the registration system on the UNECE website (<https://uncdb.unece.org/app/ext/meeting-registration?id=a69ls1>). 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: www.unece.org/meetings/practical.htm

*** 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 Sustainable Transport Division's website. 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 official documents, delegates can access the public Official Document System (ODS) on the following website: documents.un.org/.

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I. Provisional agenda

1. Adoption of the agenda.
2. Highlights of the November 2018 session of WP.29.
3. Exchange of views on work priorities and structure of GRVA informal working groups.
4. Exchange of views on guidelines and relevant national activities.
5. Automated/autonomous and connected vehicles:
 - (a) Task Force on Automated Vehicle Testing and subgroups;
 - (b) Cyber security and data protection;
 - (c) Software updates (incl. Over-The-Air updates);
 - (d) Automatically Commanded Steering Function;
 - (e) Complex Electronic (CEL) control system requirements.
6. Advanced Emergency Braking Systems.
7. UN Regulations Nos. 13, 13-H, 139 and 140:
 - (a) Electronic Stability Control;
 - (b) Modular Vehicle Combinations;
 - (c) Clarifications;
 - (d) Other business.
8. Motorcycle braking:
 - (a) UN Global Technical Regulation No. 3;
 - (b) UN Regulation No. 78.
9. UN Regulation No. 79.
10. UN Regulation No. 89.
11. UN Regulation No. 90.
12. Revision 3 of the 1958 Agreement:
 - (a) Implementation of new provisions in Revision 3 to the 1958 Agreement;
 - (b) International Whole Vehicle Type Approval.
13. Election of Officers
14. 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/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/GRVA/2019/1

2. Highlights of the November 2018 session of WP.29

GRVA may wish to be briefed by the secretariat about the highlights of the November 2018 session of WP.29, on GRVA and common issues.

Documentation: ECE/TRANS/WP.29/1142

3. Exchange of views on work priorities and structure of GRVA informal working groups

GRVA will review the priorities of work for the year 2019, in order to address the decision of WP.29, as reflected in the session report ECE/TRANS/WP.29/1142 to prepare the discussion on this item at the March 2019 sessions of WP.29 and the Executive Committee (AC.3).

GRVA may wish to discuss organizational matters to best address the priorities of work.

Documentation: ECE/TRANS/WP.29/1142
(WP.29-176-28)

4. Exchange of views on guidelines and relevant national activities

GRVA may wish to receive information on national activities related to vehicle automation, if any, and may discuss the possibility to harmonize provisions for the purpose of short terms guidance documents.

5. Automated/autonomous and connected vehicles

(a) Task Force on Automated Vehicle Testing and subgroups

GRVA may wish to be briefed on the outcome of the Task Force on Automated Vehicle Testing and its subgroup 1 and 2 at their meetings and may wish to review a proposal for terms of reference and rules of procedures.

GRVA may wish to review a document tabled by the expert from OICA describing the so called "3-pillar approach" describing a proposed Future Certification Scheme for Automated/Autonomous Driving Systems.

Documentation: ECE/TRANS/WP.29/GRVA/2019/13

(b) Cyber security and data protection

GRVA agreed to consider proposals for recommendation and regulation prepared by the Task Force on Cyber Security and Over-The-Air issues and to decide on follow-up activities on this issue.

Documentation: ECE/TRANS/WP.29/GRVA/2019/2

(c) Software updates (incl. Over-The-Air updates)

GRVA agreed to consider proposals for recommendation and regulation prepared by the Task Force on Cyber Security and Over-The-Air issues and to decide on follow-up activities on this issue.

Documentation: ECE/TRANS/WP.29/GRVA/2019/3

(d) Automatically Commanded Steering Function

GRVA agreed to review a proposal for a new UN Regulation or core technical and functional requirements for automated lane keeping function on highway prepared by the IWG on Automatically Commanded Steering Function (ACSF), if any.

GRVA agreed to consider a proposal tabled by the expert from France amending the testing provisions on ACSF as well as a new proposal with clarifications of the requirements relevant for ACSF and Corrective Steering Functions.

Documentation: ECE/TRANS/WP.29/GRVA/2019/9
ECE/TRANS/WP.29/GRVA/2019/10

(e) Complex Electronic (CEL) control system requirements

GRVA agreed to review a proposal tabled by the expert from the United Kingdom of Great Britain and Northern Ireland related to system reliability including considerations on Complex Electronic (CEL) control systems requirements, testing and redundancy considerations.

Documentation: ECE/TRANS/WP.29/GRVA/2019/4

6. Advanced Emergency Braking Systems

GRVA agreed to review a revised proposal for the 03 series of amendments to UN Regulation No. 131 on Advanced Emergency Braking Systems (AEBS) prepared by the expert from Germany, if any.

Documentation: (ECE/TRANS/WP.29/GRVA/2018/4)

GRVA agreed to receive a status report and review a proposal for a new UN Regulation from the IWG on AEBS.

Documentation: ECE/TRANS/WP.29/GRVA/2019/5

7. UN Regulations Nos. 13, 13-H, 139 and 140

(a) Electronic Stability Control

GRVA agreed to review a proposal from the expert from Australia potentially addressing the question raised during the 175th session of WP.29 (see WP.29-175-05).

Documentation: ECE/TRANS/WP.29/GRVA/2019/6
(Informal document WP.29-175-05)

(b) Modular Vehicle Combinations

GRVA may wish to consider a status report and a proposal, if any, related to the activities of the IWG on Modular Vehicle Combinations (MVC). GRVA noted that WP.29 extended the mandate of the IWG until February 2019 at its March 2017 session.

(c) Clarifications

GRVA agreed to review a proposal from the expert from Australia potentially addressing the question raised during the 175th session of WP.29 (see WP.29-175-04).

Documentation: ECE/TRANS/WP.29/GRVA/2019/12
(Informal document WP.29-175-04)

(d) **Other business**

GRVA may wish to consider any other proposal for amendments to UN Regulations Nos. 13, 13-H, 139 and 140, if any.

8. Motorcycle braking

(a) **UN Global Technical Regulation No. 3**

GRVA is expected to consider a revised proposal for amendments to UN GTR No. 3 (Motorcycle braking), tabled by the expert from Italy.

Documentation: (ECE/TRANS/WP.29/GRVA/2018/9)

(b) **UN Regulation No. 78**

GRVA is expected to consider a revised proposal from the expert from International Motorcycle Manufacturers Association (IMMA) with provisions related to the stop lamp activation.

Documentation: ECE/TRANS/WP.29/GRVA/2019/7

9. UN Regulation No. 79

GRVA agreed to review a revised proposal tabled by the expert from the United Kingdom of Great Britain and Northern Ireland with provisions for Remote Control Manoeuvring (RCM).

Documentation: ECE/TRANS/WP.29/GRVA/2019/8

GRVA may wish to review proposals for amendments to UN Regulation No. 79, if any.

10. UN Regulation No. 89

GRVA may wish to review proposals for amendments to UN Regulation No. 89, if any.

11. UN Regulation No. 90

GRVA may wish to consider a proposal tabled by the expert from Spain, leading the Special Interest Group activities on UN Regulation No. 90.

Documentation: (Informal document GRRF-86-41)

GRVA may wish to resume a discussion initiated at the eighty-sixth session of GRRF to clarify inconsistencies in Supplement 3 to 02 series of amendments to UN Regulation No. 90 due to the simultaneous adoption of ECE/TRANS/WP.29/GRRF/2014/23/Rev.2 as well as ECE/TRANS/WP.29/GRRF/2015/22 and ECE/TRANS/WP.29/GRRF/2016/22 with incompatible provisions.

Documentation: (Informal document GRRF-86-40-Rev.1)

GRVA agreed to resume consideration of a proposal tabled by the expert from Spain with provisions harmonized with those in UN Regulation No. 78.

Documentation: ECE/TRANS/WP.29/GRVA/2018/12

12. Revision 3 of the 1958 Agreement

(a) Implementation of new provisions in Revision 3 to the 1958 Agreement

GRVA may wish to discuss actions related to the implementation of new provisions contained in Revision 3 to the 1958 Agreement on:

- "Unique Identifier";

GRVA may wish to specify whether some regulations under its remit shall explicitly ban the use of the "Unique Identifier" as specified in Revision 3 to the 1958 Agreement.

- Transitional provisions in UN Regulations;

GRVA may wish to define an action plan to align the transitional provisions in UN Regulations in line with the provisions of the 1958 Agreement e.g. the possibility to grant type approval according to previous versions of UN Regulations.

- Article 12.6 and Schedule 7;

GRVA may wish to note the purpose of Article 12.6 and Schedule 7 with regard to the approval of innovations.

- Conformity of Production provisions.

GRVA may wish to define an action plan to align the Conformity of Production (CoP) provisions in UN Regulations and amend references on CoP in UN Regulations.

- Communication form and approval numbers

GRVA may wish to define an action plan to address the proposal of the IWG on IWVTA on the approval number format in communication forms (as per Schedule 4 of the Agreement) for approvals defined in UN Regulations in the remit of GRVA.

Documentation: (WP.29-176-19, last slide)

(b) International Whole Vehicle Type Approval

GRVA may wish to receive a status report on the activities of the IWG on International Whole Vehicle Type Approval (IWVTA) and subgroup activities, if any.

GRVA agreed to review a proposal tabled by the expert from the Russian Federation aligning of the provisions of UN Regulation No. 90 related to approval numbers and markings in line with the provisions of Schedule 4 to the 1958 Agreement addressing the concern raised by the Informal Working Group on the International Whole Vehicle Type Approval (IWG IWVTA) at the 175th WP.29 session (ECE/TRANS/WP.29/1139, para. 67)

Documentation: ECE/TRANS/WP.29/GRVA/2019/11

GRVA will review the candidate UN regulations proposed to be added in Annex 4 of UN Regulation No. 0 in IWVTA Phase 2 and will decide on priorities.

Documentation: (WP.29-176-21)

13. Election of Officers

As agreed by WP.29 at its November 2018 session, GRVA will elect, if desired, one or more Vice-chair(s) for the year 2019.

Documentation: (ECE/TRANS/WP.29/1142
ECE/TRANS/WP.29/2018/166)

14. Other business

GRVA may wish to consider any other proposal, if any.
