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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****Ninth session**

Item 1 of the provisional agenda

Adoption of the Agenda**Provisional agenda for the ninth session*. ******I. Provisional agenda**

1. Adoption of the agenda.
2. Highlights of the November 2020 session of WP.29.
3. Exchange of views on guidelines and relevant national activities.
4. Automated/autonomous and connected vehicles:
 - (a) Deliverables of the Informal Working Group on Functional Requirements for Automated and Autonomous Vehicles;
 - (b) Deliverables of the Informal Working Group on Validation Methods for Automated Driving;
 - (c) Deliverables of the Informal Working Group on Event Data Recorder / Data Storage System for Automated Driving;
 - (d) UN Regulation on Automated Lane Keeping System.
5. Connected vehicles:
 - (a) Cyber security and data protection;

* Delegates are requested to register online with the registration system on the UNECE website (<https://indico.un.org/event/35226/>). 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. For the translation of official documents, delegates can access the public Official Document System (ODS) on the following website: documents.un.org.



- (b) Software updates and Over-the-Air issues;
 - (c) Legal considerations regarding technical provisions over the vehicle lifetime;
 - (d) Other business.
6. UN Regulation No. 79 (Steering equipment):
- (a) Automatically Commanded Steering Function;
 - (b) Steering equipment;
 - (c) Remote Control Manoeuvring;
 - (d) Other business.
7. Advanced Emergency Braking Systems.
8. UN Regulations Nos. 13, 13-H, 139, 140 and UN GTR No. 8:
- (a) Electronic Stability Control;
 - (b) Electromechanical Brakes;
 - (c) Clarifications.
9. Motorcycle braking:
- (a) UN Global Technical Regulation No. 3;
 - (b) UN Regulation No. 78.
10. UN Regulation No. 90.
11. Revision 3 of the 1958 Agreement:
- (a) Implementation of relevant provisions in Revision 3 to the 1958 Agreement;
 - (b) International Whole Vehicle Type Approval.
12. Other business.
- (a) List of priorities concerning GRVA activities;
 - (b) Artificial Intelligence;
 - (c) Any other business;
 - (d) Framework document on automated/autonomous vehicles (FDAV).

II. Annotations and list of documents

1. Adoption of the agenda

In accordance with Chapter III, Rule 7 of the Rules of Procedure (ECE/TRANS/WP.29/690 as amended) 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/2021/1

2. Highlights of the November 2020 session of WP.29

GRVA may wish to be briefed by the secretariat about the highlights of the November 2020 session of WP.29, regarding the activities of the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) and common issues.

Documentation: (ECE/TRANS/WP.29/1155)

3. Exchange of views on guidelines and relevant national activities

GRVA may wish to receive information on national activities related to vehicle automation and connectivity, if any.

4. Automated/autonomous and connected vehicles

(a) Deliverables of the Informal Working Group on Functional Requirements for Automated and Autonomous Vehicles

GRVA may wish to be briefed on the outcome of the recent meeting(s) of the Informal Working Group (IWG) on Functional Requirements for Automated and Autonomous Vehicles (FRAV).

(b) Deliverables of the Informal Working Group on Validation Methods for Automated Driving

GRVA may wish to be briefed on the outcome of the last meetings of the IWG on Validation Methods for Automated Driving (VMAD).

(c) Deliverables of the Informal Working Group on Event Data Recorder / Data Storage Systems for Automated Driving

GRVA may wish to be briefed on the outcome of the last meetings of the IWG on Event Data Recorder / Data Storage Systems for Automated Driving (EDR/DSSAD).

(d) UN Regulation on Automated Lane Keeping System

GRVA agreed to consider a proposal for amendment to UN Regulation No. [157] (Automated Lane Keeping Systems), tabled by the expert from France, clarifying the provisions related to software identification.

Documentation: ECE/TRANS/WP.29/GRVA/2021/17

GRVA may wish to consider proposals for amendments to UN Regulation No. [157], tabled by the experts from Germany, the International Organization of Motor Vehicle Manufacturers (OICA) and European Association of Automotive Suppliers (CLEPA).

Documentation: ECE/TRANS/WP.29/GRVA/2020/32,
ECE/TRANS/WP.29/GRVA/2020/33,
ECE/TRANS/WP.29/GRVA/2021/2,
ECE/TRANS/WP.29/GRVA/2021/3,
ECE/TRANS/WP.29/GRVA/2021/4

5. Connected vehicles

(a) Cyber security and data protection

GRVA may wish to be briefed on the outcome of the recent meeting(s) of the IWG on Cybersecurity and Over-the-Air issues.

GRVA may wish to review a draft set of technical requirements relevant for the 1998 Agreement Contracting Parties, if any.

GRVA agreed to consider a proposal tabled by the expert from the Russian Federation proposing clarifications of para. 5.3.5.

Documentation: ECE/TRANS/WP.29/GRVA/2021/5

GRVA may wish to review other proposals for amendments to UN Regulation No. [156] (Cyber Security and Cyber Security Management System), if any.

(b) Software updates and Over-the-Air issues

GRVA agreed to reconsider a proposal tabled by the expert from France clarifying the applicable provisions to Manufacturers applying alternatives to the Regulation No. X Software Identification Number (RxSWIN).

Documentation: ECE/TRANS/WP.29/GRVA/2021/6

GRVA may wish to review a proposal for a Corrigendum to UN Regulation No. 156, aimed at correcting the scope of the regulation.

Documentation: ECE/TRANS/WP.29/GRVA/2021/14

(c) Legal considerations regarding technical provisions over the vehicle lifetime

GRVA may wish to be informed by the secretariat about the discussion at WP.29 in March 2020 concerning the legal basis to draft lifecycle and lifetime related provisions under the 1958 Agreement.

Documentation: (Informal document WP.29-180-18)

(d) Other business

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

6. UN Regulation No. 79 (Steering equipment)**(a) Automatically Commanded Steering Function**

GRVA may wish to consider amendment proposals to the Automatically Commanded Steering Function provisions applicable to Categories B1 and C in UN Regulation No. 79 (Steering equipment), tabled by the expert from CLEPA/OICA and AVERE.

Documentation: ECE/TRANS/WP.29/GRVA/2021/7
ECE/TRANS/WP.29/GRVA/2021/8
ECE/TRANS/WP.29/GRVA/2021/9
ECE/TRANS/WP.29/GRVA/2021/10
ECE/TRANS/WP.29/GRVA/2021/11

GRVA may wish to perform a general review of the ACSF provisions.

Documentation: (ECE/TRANS/WP.29/GRVA/5, para. 44)

GRVA may wish to review provisions for an alternative Human-Machine Interface (HMI) to control the Remote-Control Parking function

Documentation: ECE/TRANS/WP.29/GRVA/2021/12

(b) Steering equipment

GRVA agreed to resume consideration of a proposal for amendments to UN Regulation No. 79, aimed to allow for the type approval of Risk Mitigation Functions.

Documentation: ECE/TRANS/WP.29/GRVA/2021/13

GRVA may wish to review any proposal submitted under this agenda item, if any.

(c) Remote Control Manoeuvring

GRVA may wish to review any proposal submitted under this agenda item, if any.

(d) Other business

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

7. Advanced Emergency Braking Systems

GRVA may wish to receive a status report of the IWGs on AEBS.

GRVA may wish to review proposals for amendments to UN Regulation No. 131 (AEBS).

GRVA may wish to review proposals for amendments to UN Regulation No. 152 (AEBS for M₁ and N₁ vehicles), if any.

8. UN Regulations Nos. 13, 13-H, 139, 140 and UN GTR No. 8

(a) Electronic Stability Control

GRVA agreed to resume consideration on the proposal to amend UN Global Technical Regulation (UN GTR) No. 8, aimed at introducing the testing provisions to accommodate the latest innovations for steering systems.

Documentation: ECE/TRANS/WP.29/GRVA/2020/34
(ECE/TRANS/WP.29/2020/99)

(b) Electromechanical Brakes

GRVA agreed to review a proposal for amendments to UN Regulation No. 13 with provisions relevant for the type approval of ElectroMechanical Brakes (EMB), tabled by the expert from CLEPA.

Documentation: ECE/TRANS/WP.29/GRVA/2020/21

(c) Clarifications

GRVA agreed to review a proposal for amendments to UN Regulation No. 13, tabled by the expert from Poland.

Documentation: ECE/TRANS/WP.29/GRVA/2021/16

GRVA may wish to review amendments to UN Regulations No. 13, 13-H, 139 or 140, if available.

9. Motorcycle braking

(a) UN Global Technical Regulation No. 3

GRVA may wish to review any proposal related to UN Global Technical Regulation (GTR) No. 3, if any.

(b) UN Regulation No. 78

GRVA may wish to review any proposal related to UN Regulation No. 78, if any.

10. UN Regulation No. 90

GRVA agreed to review a proposal for amendments to UN Regulation No. 90, tabled by the expert from CLEPA.

Documentation: ECE/TRANS/WP.29/GRVA/2021/15

11. Revision 3 of the 1958 Agreement

(a) Implementation of relevant 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.

(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.

12. Other business

(a) List of priorities concerning GRVA activities

GRVA may wish to discuss the priorities of GRVA.

Documentation: (ECE/TRANS/WP.29/2020/1/Rev.1)

(b) Artificial Intelligence

GRVA may wish to receive presentations from Standard Developing Organizations on their activities related to Artificial Intelligence in road vehicles, if any.

(c) Any other business

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

(d) Framework document on automated/autonomous vehicles (FDAV)

GRVA will review proposals to update the activities and the schedule on automated and autonomous vehicles, if any.
