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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****Fifteenth session**

Geneva, 23-27 January 2023

Item 1 of the provisional agenda

**Adoption of the agenda****Provisional agenda for the fifteenth session\* \*\***

to be held at the Palais des Nations, Geneva, starting at 2.30 p.m. on 23 January 2023 and concluding at 12.30 p.m. on 27 January 2023.

**I. Provisional agenda**

1. Adoption of the agenda.
2. Highlights of the November 2022 session of WP.29.
3. Artificial Intelligence in vehicles.
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 No. 157;
  - (e) Coordination of work on automation between working parties (GRs).
5. Connected vehicles:
  - (a) Cyber security and data protection;
  - (b) Software updates and over-the-air issues;

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\* Delegates are requested to register online with the registration system on the UNECE website (<https://unece.org/node/372614>). Information for accessing remotely the session will be provided, based on the data received via the online registrations received.

\*\* 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](https://documents.un.org) or [https://undocs.org/"symbol"](https://undocs.org/)



- (c) Data and vehicle communications;
  - (d) Other business.
- 6. Advanced Driver Assistance Systems and UN Regulation No. 79:
  - (a) Advanced Driver Assistance Systems;
  - (b) UN Regulation No. 79 (Steering equipment);
  - (c) Other business.
- 7. Advanced Emergency Braking System.
- 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. Exchange of views on guidelines and relevant national activities.
- 12. Revision 3 to the 1958 Agreement:
  - (a) Implementation of relevant provisions in Revision 3 to the 1958 Agreement;
  - (b) International Whole Vehicle Type Approval.
- 13. Other business:
  - (a) Arrangement of meetings;
  - (b) Any 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 (ECE/TRANS/WP.29/690/Rev.2) 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/2023/1

### **2. Highlights of the November 2022 session of WP.29**

GRVA may wish to be briefed by the secretariat on the highlights of the November 2022 session of WP.29, regarding the activities of the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) and common issues.

### **3. Artificial Intelligence in vehicles**

GRVA may wish to be briefed on the outcome of a workshop organized by the International Organization of Motor Vehicle Manufacturers (OICA) regarding the review of the amendments to definitions in the context of Artificial Intelligence relevant for vehicle regulations, 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 System 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 No. 157**

GRVA may wish to be briefed on the progress of the Special Interest Group (SIG) on UN Regulation No. 157, if any.

GRVA may wish to review amendment proposals to UN Regulation No. 157, if any.

**(e) Coordination of work on automation between working parties (GRs)**

GRVA may wish to discuss the work coordination between working parties concerning Automated Driving Systems.

GRVA may wish to be briefed on the outcome of the discussion at Administrative Committee for the Coordination of Work (AC.2) and WP.29 regarding the coordination of work between GRVA and the Working Party on Lighting and Light-Signalling (GRE) on ADS light signal provisions, if any.

GRVA may wish to be briefed on the outcome of the workshop of the Global Forum for Road Traffic Safety (WP.1) Informal Group of Experts on Automated Driving (IGEAD) and the GRVA IWG on FRAV, which took place on 7-8 November 2022.

GRVA may wish to be briefed on the outcome of the discussion at AC.2 and WP.29 regarding the definition of vehicle categories in the context of ADS.

GRVA may wish to be briefed by the expert from France on the progress made by the task force screening the UN Regulations and UN Global Technical Regulations (of relevance) regarding Automated Driving Systems.

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

#### **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 Cyber Security and Over-the-Air (CS/OTA) issues and their review of the proposed work item on the data security of intelligent and connected vehicles.

GRVA agreed that the mandate of the IWG on CS/OTA should be extended at least for one year and agreed to detail the envisaged deliverables and milestones of the group for the mandate extension.

GRVA agreed to further consider the roadmap proposal concerning the vehicle categories S, R and T with regard to UN Regulation No. 155, tabled by the expert from the European Agricultural Machinery Association (CEMA).

**Documentation:** (Informal document GRVA-14-33)

GRVA may wish to review the proposal for amendments to the Interpretation Document for UN Regulation No. 155, tabled by the expert from France. It aims at introducing an explanation clarifying the possibility for Approval Authorities to recognise Certificates of Compliance for Cyber Security Management Systems issued by the Approval Authority of another Contracting Party.

**Documentation:** ECE/TRANS/WP.29/GRVA/2023/5

GRVA may wish to be briefed on the outcome of the technical workshop on the implementation of cyber security provisions under the 1958 and 1998 Agreements, on the model of those already organized for the implementation of UN Regulation No. 155.

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

GRVA may wish to consider any proposal regarding software updates and over-the-air issues, if available.

**(c) Data and vehicle communications**

GRVA may wish to resume discussion on the challenges related to telecommunication coverage, latency and interference and more generally about vehicles communications.

GRVA may wish to be briefed on the outcome of discussions at AC.2 and WP.29 regarding Vehicle-to-Vehicle data exchange.

**(d) Other business**

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

## **6. Advanced Driver Assistance Systems and UN Regulation No. 79**

**(a) Advanced Driver Assistance Systems**

GRVA may wish to receive a status report of the Task Force on Advanced Driver Assistance Systems (ADAS), if any, related to the activities on the drafting of a new UN Regulation on Driver Control Assistance Systems (DCAS).

**(b) UN Regulation No. 79 (Steering equipment)**

GRVA agreed to resume consideration of pending amendment proposals to UN Regulation No. 79 (Steering equipment).

**Documentation:** (ECE/TRANS/WP.29/GRVA/2021/9  
ECE/TRANS/WP.29/GRVA/2021/10  
Informal documents GRVA-14-24/Rev.1 and GRVA-14-25)

**(c) Other business**

GRVA agreed to review the draft Terms of Reference of a potential IWG on Acceleration Control for Pedal Error (ACPE), if any, and to decide on the way forward.

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

## 7. Advanced Emergency Braking System

GRVA may wish to resume consideration of the proposal tabled by the expert from Germany for a new UN Regulation on Urban Emergency Braking System (UEBS), specifically for heavy vehicles travelling at low speeds and for the protection of vulnerable road users.

**Documentation:** (ECE/TRANS/WP.29/GRVA/2022/24)

GRVA may wish to consider any proposal, if available.

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

### (a) Electronic Stability Control

GRVA agreed to resume consideration of the two alternative amendment proposals to UN Regulation No. 13, tabled by the experts from France and OICA, aimed at including all four axles with two power-driven rear axles in the scope of the mandatory installation of a vehicle stability function.

**Documentation:** ECE/TRANS/WP.29/GRVA/2023/2

### (b) Electromechanical brakes

GRVA will resume consideration of the proposal by the expert from the United Kingdom of Great Britain and Northern Ireland to upgrade Annex 18 of UN Regulation No. 13, considering the development of similar annexes in UN Regulations Nos. 79, 152 and 157 in the recent years.

**Documentation:** (Informal document GRVA-14-32)

GRVA agreed to consider the document tabled by the expert from International Association of the Body and Trailer Building Industry (CLCCR), a proposal for a supplement to the 11 series of amendments to UN Regulation No. 13 (Heavy vehicle braking), addressing regenerative braking system of the trailer/semi-trailer.

**Documentation:** ECE/TRANS/WP.29/GRVA/2023/3

### (c) Clarifications

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 proposals related to UN GTR No. 3 (Motorcycle brakes), if any.

### (b) UN Regulation No. 78

GRVA agreed to consider the document tabled by the experts from the Netherlands and the International Motorcycle Manufacturers Association (IMMA), a proposal for the 06 series of amendments to UN Regulation No. 78 (Braking of Category L vehicles). This proposal provides new requirements for “Complex Electronic Control Systems” and aims to ensure, among others, a safety concept for new technologies such as automatically commanded braking.

**Documentation:** ECE/TRANS/WP.29/GRVA/2023/4

GRVA may wish to review any other proposal for amendments to UN Regulation No. 78, if any.

## **10. UN Regulation No. 90**

GRVA may wish to review proposals for amendments to UN Regulation No. 90 (Replacement brake linings, discs, and drums), if any.

## **11. 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.

## **12. Revision 3 to the 1958 Agreement**

### **(a) Implementation of relevant provisions in Revision 3 to the 1958 Agreement**

GRVA will further discuss the concept “Unique Identifier (UI) summary document” related to the use of the Database of the Exchange of Type Approval documentation (DETA), which was developed by GRE and the IWG on DETA.

GRVA will resume consideration of a preliminary version of a list of UN Regulations, under the purview of GRVA, for which the use of the Unique Identifier should be prohibited.

**Documentation:** (Informal document GRVA-14-05/Rev.1)

### **(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.

## **13. Other business**

### **(a) Arrangement of meetings**

GRVA may wish to be briefed on the input from WP.29 regarding the envisaged organization of a combined meeting with WP.1.

GRVA may wish to discuss the organization of GRVA meetings outside of Geneva in 2023, as envisaged at the September 2022 session.

### **(b) Any other business**

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

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