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World Forum for Harmonization of Vehicle Regulations

Working Party on Automated/Autonomous and Connected Vehicles

Thirteenth session

Geneva, 23-27 May 2022

Item 1 of the provisional agenda

Adoption of the Agenda

Provisional agenda for the thirteenth session*, **

to be held at the Palais des Nations, Geneva, starting at 11.00 a.m. (CET) on Monday, 23 May 2022.

I. Provisional agenda

1. Adoption of the agenda.
2. Highlights of the March 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 on Automated Lane Keeping System;
 - (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;

* Delegates are requested to register online with the registration system on the UNECE website (<https://indico.un.org/event/1000856/>). 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 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 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/2022/13

2. Highlights of the March 2022 session of WP.29

GRVA may wish to be briefed by the secretariat about the highlights of the March 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

Documentation: (Informal documents GRVA-11-03, GRVA-12-26)

GRVA agreed to further consider this agenda item based on the outcome of the technical Workshop(s) on AI.

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).

GRVA agreed to review the guidelines and recommendations concerning safety requirements for automated driving systems, prepared by the IWG on FRAV.

Documentation: ECE/TRANS/WP.29/2022/56

(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).

GRVA agreed to review the draft second iteration of the New Assessment/Test Method for Automated Driving (NATM) - Master Document submitted to WP.29 for consideration in June 2022.

Documentation: ECE/TRANS/WP.29/2022/57

GRVA may wish to review the draft New Assessment/Test Method for Automated Driving (NATM) Guidelines for Validating Automated Driving System (ADS) prepared by the IWG on VMAD.

Documentation: ECE/TRANS/WP.29/2022/58

(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 on Automated Lane Keeping System

GRVA agreed to review the proposal for the 01 series of amendments to UN Regulation No. 157 (Automated Lane Keeping System) tabled for consideration by WP.29 at its June 2022 session.

Documentation: ECE/TRANS/WP.29/2022/59

(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 AC.2 considerations and WP.29 decisions regarding the coordination of work between GRVA and the Working Party on Lighting and Light-Signalling (GRE) on ADS light signal provisions.

Following the request of WP.29 at its 186th session, GRVA may wish to initiate a review of UN Regulation and UN GTRs under the purview of GRVA, with regards to their fitness for ADS and driverless vehicles.

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 Cybersecurity and Over-the-Air issues.

GRVA agreed to develop a road map concerning the scope extension of UN Regulation No. 155 (Cyber Security and Cyber Security Management System), to include the vehicle Categories S, R and T, as defined in the Consolidated Resolution on the construction of vehicles (R.E.3).

(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 agreed to resume the discussion on the role that GRVA may play, with regards to access to vehicle data.

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

(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.

(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)

(c) Other business

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

7. Advanced Emergency Braking System

GRVA may wish to receive a status report of the IWG on Advanced Emergency Braking Systems (AEBS) for M₁ and N₁.

GRVA may wish to receive a status report of the IWG on AEBS for heavy vehicles.

GRVA may wish to resume consideration of the proposal for revised terms of reference of the IWG on AEBS for heavy vehicles.

Documentation: Informal document GRVA-12-10

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.29/2020/99)

GRVA agreed to consider the proposal tabled by France concerning the mandatory fitment of vehicle stability function for specific vehicles.

Documentation: ECE/TRANS/WP.29/GRVA/2022/14

(b) Electromechanical brakes

GRVA agreed to review a revised proposal for amendments to UN Regulation No. 13 with provisions relevant for the type approval of Electro-Mechanical Brakes (EMB), tabled by the expert from the European Association of Automotive Suppliers (CLEPA).

Documentation: ECE/TRANS/WP.29/GRVA/2022/8

(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.

Documentation: (Informal document GRVA-12-15)

(b) UN Regulation No. 78

GRVA may wish to review proposals for amendments to UN Regulation No. 78 (Motorcycle and Moped Braking), 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 review a list of UN Regulations for which the use of the Unique Identifier should be prohibited, if available.

Documentation: Informal document GRVA-12-28

(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 the Global Forum on Road Traffic Safety (WP.1).

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

(b) Any other business

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