



Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Automated/Autonomous and Connected Vehicles****Seventeenth session**

Geneva, 25-29 September 2023

Item 1 of the provisional agenda

Adoption of the agenda**Provisional agenda for the seventeenth session*, ****

to be held at the Palais des Nations, Geneva, starting at 2:30 p.m. (CEST) on Monday, 25 September 2023.

I. Provisional agenda

1. Adoption of the agenda.
2. Highlights of the June 2023 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);
 - (i) Fitness of UN GTRs and UN Regulations for ADS
 - (ii) Vehicle subcategories for ADS
 - (f) Other business.

* Delegates are requested to register online with the registration system <https://indico.un.org/> accessible from the UNECE website (<https://unece.org/info/events/event/375735>).

** Before the session, further information and session documents may be provided online and downloaded from the UNECE Sustainable Transport Division's website (see link above). 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/)



5. Connected vehicles:
 - (a) Cyber security and data protection;
 - (b) Software updates and over-the-air issues;
 - (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) Acceleration Control for Pedal Error;
 - (d) Other business.
7. Advanced Emergency Braking System:
 - (a) UN Regulations Nos. 131 and 152;
 - (b) Lane Departure Warning System.
8. UN Regulations Nos. 13, 13-H, 139, 140 and UN GTR No. 8:
 - (a) Electronic Stability Control;
 - (b) Electromechanical braking;
 - (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. Election of Officers.
14. Other business:
 - (a) Inland Transport Committee Climate Change Mitigation Strategy;
 - (b) Arrangement of meetings;
 - (c) Programme of Work;
 - (d) 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/2023/16

2. Highlights of the June 2023 session of WP.29

GRVA may wish to be briefed by the secretariat on the highlights of the June 2023 session of WP.29, regarding the activities of the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) and other relevant issues.

3. Artificial Intelligence in vehicles

GRVA agreed to review a draft resolution with guidance on Artificial Intelligence (AI) in the context of road vehicles, based on the proposal tabled by the experts from the International Organization of Motor Vehicle Manufacturers (OICA) at the last session. GRVA may wish to resume consideration of the AI related definitions, tabled by the expert from OICA.

Documentation: ECE/TRANS/WP.29/GRVA/2023/17
(Informal document GRVA-16-05)

GRVA may wish to discuss potential suggestions to the Administrative Committee on the coordination of work (AC.2).

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 agreed to resume consideration of the proposal for amendments to UN Regulation No. 157, tabled by the expert from the Netherlands, aimed at clarifying the reference to UN Regulation No. 10 (EMC) in line with the recommendations in ECE/TRANS/WP.29/1044/Rev.3.

Documentation: ECE/TRANS/WP.29/GRVA/2023/19

GRVA may wish to review any other amendment proposal to UN Regulation No. 157, if available.

(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 (ADS).

(i) *Fitness of UN GTRs and UN Regulations for ADS*

GRVA may wish to review the report endorsed by WP.29 in June 2023 regarding the screening of UN GTRs and UN Regulations.

GRVA may wish to be briefed on the outcome of discussions at AC.2 and WP.29 regarding the screening of UN Regulations and UN Global Technical Regulations (of relevance) related to ADS.

GRVA may wish to be informed on the progress made by the corresponding Task Force on the Fitness for ADS (TF on FADS).

Documentation: ECE/TRANS/WP.29/GRVA/2023/18

(ii) *Vehicle subcategories for ADS*

GRVA agreed to resume consideration on the categorization of Automated Vehicles, as tabled by OICA at the last session, and may wish consider coordination mechanisms with the Working Party on General Safety (GRSG) provisions, in charge of vehicle categories.

Documentation: ECE/TRANS/WP.29/GRVA/2023/28

(f) **Other business**

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.

GRVA agreed to resume consideration on the inclusion of agricultural vehicles and L-category vehicles in UN Regulation No. 155.

GRVA may wish to be briefed on the outcome of the workshop on CS/OTA issues the technical workshop on the implementation of cyber security as well as on the outcome of a workshop on software updates provisions under the 1958 and 1998 Agreements, on the model of those already organized for the implementation of UN Regulation No. 155, if any.

(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 the IWG on Intelligent Transport System and its Task Force on Vehicular Communications at their recent sessions.

(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 review the proposal for a new UN Regulation on Driver Control Assistance Systems (DCAS) prepared by the Task Force on Advanced Driver Assistance Systems (ADAS).

GRVA may wish to receive a status report from the Task Force on ADAS.

Documentation: ECE/TRANS/WP.29/GRVA/2023/20

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

GRVA agreed to resume consideration of the amendment proposals to UN Regulation No. 79, tabled by the experts from the European Association of Automotive Suppliers (CLEPA) and from OICA. The proposal aims to clarify provisions on Automatically Commanded Steering Function (ACSF) of Category A.

Documentation: ECE/TRANS/WP.29/GRVA/2023/21

GRVA may wish to resume consideration of the proposal tabled by the expert from OICA regarding amendments to provisions on ACSF of category B1, aiming at allowing the system to cross lane markings under certain conditions, if available.

Documentation: (Informal document GRVA-16-06)

GRVA may wish to consider a proposal for supplements to the 03 and 04 series of amendments to UN Regulation No. 79, linked to the proposal for amendments to UN Regulation No. 130 (LDWS) under item 7 (b).

Documentation: ECE/TRANS/WP.29/GRVA/2023/26
ECE/TRANS/WP.29/GRVA/2023/27

GRVA may wish to consider any other amendment proposal to UN Regulation No. 79, if available.

(c) Acceleration Control for Pedal Error

GRVA may wish to be briefed on the outcome of the recent meeting(s) of the IWG on Acceleration Control for Pedal Error (ACPE), related to the activities on the drafting of a new UN Regulation on ACPE.

(d) Other business

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

7. Advanced Emergency Braking System**(a) UN Regulations Nos. 131 and 152**

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 agreed to review the proposal tabled by the expert from France for a supplement to UN Regulation No. 152 (Advanced Emergency Braking System for M₁ and N₁), aimed at allowing the use of virtual testing in the context of this Regulation.

Documentation: ECE/TRANS/WP.29/GRVA/2023/22

(b) Lane Departure Warning System

GRVA may wish to resume consideration of the proposal for amendments to UN Regulation No. 130 (Lane Departure Warning System (LDWS)), tabled by the expert from Australia at the May 2023 session.

Documentation: ECE/TRANS/WP.29/GRVA/2023/25

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

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

(a) Electronic Stability Control

GRVA agreed to review the revised proposal for amendments to UN Regulation No. 140 (Electronic Stability Control (ESC) Systems), tabled by the expert from OICA, aimed at clarifying the requirements on the final steering amplitude, in case of front tyres saturation during the test.

Documentation: ECE/TRANS/WP.29/GRVA/2023/23

(b) Electromechanical braking

GRVA may wish to receive a status report of the Special Interest Group (SIG) on Electro-Mechanical Braking (EMB), if any.

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: (ECE/TRANS/WP.29/GRVA/2023/10
Informal document GRVA-16-41)

GRVA may wish to resume consideration of the document tabled by the expert from the 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 will review the proposal for amendments to UN Regulation No. 13 (Heavy vehicle braking), tabled by the expert from the United Kingdom of Great Britain and Northern Ireland, aimed at clarifying the requirements related to the Type IIA test, addressing the point raised during a recent session of the Working Party on the Transport of Dangerous Goods (WP.15).

Documentation: ECE/TRANS/WP.29/GRVA/2023/24

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 may wish to review any proposal for amendments to UN Regulation No. 78 (Motorcycle and Moped Braking), if available.

10. UN Regulation No. 90

GRVA may wish to review proposals for amendments to UN Regulation No. 90 tabled by the expert from the Federation of European Manufacturers of Friction Materials (FEMFM), aimed at including the option of using a QR code (or another type of digital data carrier) in the Regulation to replace the paper fitting instructions physically included in the packaging.

Documentation: ECE/TRANS/WP.29/GRVA/2023/13
ECE/TRANS/WP.29/GRVA/2023/14
ECE/TRANS/WP.29/GRVA/2023/15

GRVA may wish to review other proposals for amendments to UN Regulation No. 90, 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 may wish to be briefed on the outcome of discussions at AC.2 and WP.29 regarding the Unique Identifier, as defined in the schedules of the 1958 Agreement.

(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. Election of Officers

In compliance with Rule 37 of the Rules of Procedure (ECE/TRANS/WP.29/690/Rev.2) GRVA will elect the Chair and Vice-Chair(s) of the sessions scheduled for the year 2024.

14. Other business

(a) Inland Transport Committee Climate Change Mitigation Strategy

GRVA may wish to prepare its contribution to the WP.29 document in response to the Inland Transport Committee request regarding its strategy on reducing Green House Gas emissions in Inland Transport.

(b) Arrangement of meetings

GRVA may wish to be briefed on the input from WP.29 regarding its collaboration with Global Forum for Road Traffic Safety (WP.1).

GRVA may wish to be informed of the discussions at WP.29 and AC.2 regarding the organization of a GRVA meeting outside of Geneva in May 2024.

(c) Programme of Work

GRVA may wish to update its programme of work to provide guidance to the GRVA leadership team in preparation of the AC.2 sessions in 2023.

Documentation: (Informal document GRVA-16-28/Rev.2)

(d) Any other business

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