



# Economic and Social Council

Distr.: General  
5 November 2024

Original: English

---

## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

### Working Party on Automated/Autonomous and Connected Vehicles

#### Twenty-first session

Geneva, 20-24 January 2025

Item 1 of the provisional agenda

#### Adoption of the agenda

### Provisional agenda for the twenty-first session\*, \*\*

to be held at the Palais des Nations, Geneva, starting at 2:30 p.m. (CET) on Monday, 20 January 2025.

## I. Provisional agenda

1. Adoption of the agenda.
2. Highlights of the November 2024 session of WP.29.
3. Artificial Intelligence in vehicles.
4. Automated/autonomous and connected vehicles:
  - (a) Informal Working Group on Automated Driving System;
  - (b) GRVA workshops;
  - (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;
    - (iii) Exchange of views on scenarios.
  - (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/396013>).

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



5. Connected vehicles:
  - (a) Cyber security, software updates and over-the-air issues;
  - (b) Data protection and privacy-by-design;
  - (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.
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:
13. 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/2025/1

### **2. Highlights of the November 2024 session of WP.29**

GRVA may wish to be briefed by the secretariat on the highlights of the November 2024 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 may wish to be informed of the WP.29 discussions on Artificial Intelligence (AI) in vehicles (in the context of vehicle regulations) and continue exchanging views on this topic.

**Documentation:** (ECE/TRANS/WP.29/1182)

### 4. Automated/autonomous and connected vehicles

#### (a) Informal Working Group on Automated Driving System

GRVA may wish to be briefed on the outcome of the recent meeting(s) of the Informal Working Group (IWG) on Automated Driving System (ADS).

#### (b) GRVA workshops

GRVA may wish to be briefed on the outcome of the recent GRVA Workshops on ADS.

#### (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 meeting(s) of the IWG on Event Data Recorder / Data Storage Systems for Automated Driving (EDR/DSSAD) and review DSSAD performance elements for ADS prepared by the group.

**Documentation:** (ECE/TRANS/WP.29/2024/33)  
(ECE/TRANS/WP.29/1179)

#### (d) UN Regulation No. 157

GRVA agreed to resume consideration of the proposal tabled by the representative of Germany to review the footnote in paragraph 5.2.6.5.1.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/2

GRVA agreed to consideration of the proposal tabled by the experts from the United Kingdom of Great Britain and Northern Ireland, introducing a technology neutral wording on the conditions for re-instatement of the system at the “initiation of each engine start / run cycle”.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/3  
ECE/TRANS/WP.29/GRVA/2025/4

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

GRVA may wish to discuss the work coordination between working parties on ADS.

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

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

GRVA may wish to consider amendment proposals to UN Regulations Nos. 13, 13-H and 79 prepared by the Task Force.

##### (ii) *Vehicle subcategories for ADS*

GRVA may wish to be briefed on the progress made by the Task Force on Automated Vehicle Categorization.

**Documentation:** (ECE/TRANS/WP.29/GRVA/2023/28)

##### (iii) *Exchange of views on scenarios*

GRVA may wish to be briefed on the outcome of the workshop on scenario catalogue hosted in Paris (France) in December 2024.

(f) **Other business**

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

**5. Connected vehicles**

(a) **Cyber security, software updates and over-the-air issues**

GRVA will be briefed on the outcome of the recent meeting(s) of the IWG on Cyber Security and Over-the-Air (CS/OTA) issues. GRVA will review the tasks that the group would propose to perform until November 2026 as well as revised terms of reference for the group, if any.

GRVA agreed to resume consideration of an amendment proposal to the Consolidated Resolution on the construction of vehicles (R.E.3), tabled by the expert from the United Kingdom of Great Britain and Northern Ireland, aimed to clarify the provisions in Annex VII regarding software updates.

**Documentation:** (ECE/TRANS/WP.29/GRVA/2024/20)

GRVA agreed to resume the discussion on the inclusion of the Categories R, S and T vehicles in the scope of UN Regulation No. 155, on the basis of new documents, if any.

**Documentation:** (Informal document GRVA-17-30)

GRVA may wish to be informed on the outcome of the technical workshop(s) 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) **Data protection and privacy-by-design**

GRVA will be briefed on the outcome of discussions conducted by the IWG on CS/OTA regarding data protection and privacy-by-design as well as regarding access to in-vehicle data.

(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, if any.

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 be briefed on the outcome of the recent meeting(s) of task force on Advanced Driver Assistance System (ADAS).

GRVA may wish to consider amendments to the UN Regulation No. 171 (Driver Control Assistance Systems (DCAS)).

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/5

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

GRVA agreed to resume consideration of a proposal for a new UN Regulation on Emergency Lane Keeping Systems (ELKS) covering vehicles of categories M<sub>1</sub> and N<sub>1</sub>, tabled by the

representative of Australia, intended to facilitate a consistent approach across all Contracting Parties for these systems.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/9

GRVA agreed to resume consideration of the proposals tabled by the experts from United Kingdom of Great Britain and Northern Ireland, introducing a technology neutral wording on the conditions for re-instatement of the system at the “initiation of each engine start / run cycle”.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/6  
ECE/TRANS/WP.29/GRVA/2024/21

GRVA may wish to be briefed on the outcome of an industry workshop on steer-by-wire. GRVA agreed to resume the consideration of an amendment proposal to UN Regulation No. 79 aimed to clarify the provisions for full power steering systems such as steer-by-wire systems.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/7

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), including on discussion in the context of the 1998 Agreement.

GRVA may wish to consider a proposal for amendments to the UN Regulation on ACPE, prepared by the IWG on ACPE.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/17

**(d) Other business**

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

## **7. Advanced Emergency Braking System**

GRVA agreed to resume consideration of an amendment proposal to the scope of UN Regulation No. 131 (AEBS for heavy vehicles), tabled by the expert from Australia, to clarify requirements in the scope requesting for reciprocal recognition with UN Regulation No. 152 (Advanced Emergency Braking System (AEBS) for M<sub>1</sub> and N<sub>1</sub> vehicles). The proposal is complemented by an informal document proposing amendments to UN Regulation No. 130 for the same purpose.

**Documentation:** ECE/TRANS/WP.29/GRVA/2024/18  
Informal documents GRVA-19-05 and GRVA-19-56/Rev.1

GRVA agreed to resume consideration of the proposals for amendments to UN Regulations Nos. 131 and 152, tabled by the experts from United Kingdom of Great Britain and Northern Ireland, introducing a technology neutral wording on the conditions for re-instatement of the system at the “initiation of each engine start / run cycle”.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/8  
ECE/TRANS/WP.29/GRVA/2025/20  
ECE/TRANS/WP.29/GRVA/2025/10  
ECE/TRANS/WP.29/GRVA/2025/11  
ECE/TRANS/WP.29/GRVA/2025/12

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 may wish to consider any proposal, if available.

### **(b) Electromechanical braking**

GRVA adopted amendment proposals to UN Regulations Nos. 13 and 13-H related to electrical transmission braking systems at its nineteenth session. GRVA agreed to resume discussion on the proposal for amendments to UN Regulations Nos. 13 and 13-H, prepared by the experts from the International Motor Vehicle Inspection Committee (CITA), aimed to enabling the live recording of brake demand values during Periodic Technical Inspections (PTI).

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/18  
ECE/TRANS/WP.29/GRVA/2025/19  
Informal documents GRVA-19-14/Rev.1, GRVA-19-16 and  
GRVA-19-17

### **(c) Clarifications**

GRVA agreed to consider a proposal tabled by the experts from the European Association of Automotive Suppliers (CLEPA) and International Organization of Motor Vehicle Manufacturers (OICA), aimed at enabling the use of a park lock type system as an alternative to a friction type parking braking system to fulfil the statis requirements of UN Regulations Nos. 13 and 13-H.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/13  
ECE/TRANS/WP.29/GRVA/2025/14

GRVA agreed to resume consideration of a proposal for amendments to UN Regulation No. 13 aimed to insert requirements for the approval of e-trailers, tabled by the experts from CLEPA, the International Association of the Body and Trailer Building Industry (CLCCR) and OICA.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/15

GRVA agreed to resume consideration of a proposal tabled by the expert from the European Association of Automotive Suppliers (CLEPA) to resolve the problem of decreasing trailer brake performance caused by brake pads and linings “falling asleep”.

**Documentation:** ECE/TRANS/WP.29/GRVA/2025/16

GRVA may wish to review amendments to UN Regulations Nos. 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 resume consideration of the proposal for amendments to UN Regulation No. 78 (Motorcycle and Moped Braking), tabled by the expert from World Bicycle Industry Association (WBIA), aimed at introducing specific deceleration requirements for the Speed Electronically Power Assisted Cycles in UN Regulation No. 78.

**Documentation:** ECE/TRANS/WP.29/GRVA/2024/21

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

**10. UN Regulation No. 90**

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**

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) Inland Transport Committee Climate Change Mitigation Strategy**

GRVA may wish to follow up on the Climate Change Mitigation Strategy adopted by the Inland Transport Committee (ITC) in February 2024 and may wish to prepare reporting activities as necessary for the purpose of WP.29 and ITC.

GRVA agreed to resume discussions on the sustainability of connected and automated vehicles.

**Documentation:** (Informal document WP.29-192-10)

**(b) Arrangement of meetings**

GRVA may wish to be briefed on the input from WP.29 regarding the May 2025 session envisaged in Bangkok, Thailand.

**(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 Administrative Committee on the coordination of work (AC.2) sessions in 2025.

**Documentation:** (ECE/TRANS/WP.29/2025/1/Rev.1)

**(d) Any other business**

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

---