



# **Economic and Social Council**

Distr.: General  
10 July 2024

Original: English

---

## **Economic Commission for Europe**

Inland Transport Committee

**World Forum for Harmonization of Vehicle Regulations**

**193rd session**

Geneva, 25-28 June 2024

### **Reports of the**

**World Forum for Harmonization of Vehicle Regulations on  
its 193rd session**

**Administrative Committee of the 1958 Agreement on its  
eighty-seventh session**

**Executive Committee of the 1998 Agreement on its seventieth  
session**

**Administrative Committee of the 1997 Agreement on its  
fifteenth session**

## Contents

	<i>Page</i>
<b>A. World Forum for Harmonization of Vehicle Regulations</b>	
I. Attendance.....	6
II. Opening statements .....	6
III. Adoption of the agenda (agenda item 1) .....	7
IV. Coordination and organization of work (agenda item 2).....	7
A. Report of the session of the Administrative Committee for the Coordination of Work (WP.29/AC.2) (agenda item 2.1) .....	7
B. Programme of work and documentation (agenda item 2.2).....	8
C. Intelligent Transport Systems and coordination of automated vehicles related activities (agenda item 2.3) .....	9
V. Consideration of the reports of the Working Parties (GRs) subsidiary to WP.29 (agenda item 3) ..	10
A. Working Party on Passive Safety (GRSP) (Seventy-fourth session, 4-8 December 2023) (agenda item 3.1).....	10
B. Working Party on Pollution and Energy (GRPE) (Ninetieth session, 9-12 January 2024),(agenda item 3.2).....	11
C. Working Party on Pollution and Energy (GRPE) (Ninetieth session, 9-12 January 2024) (agenda item 3.3).....	11
D. Working Party on Noise and Tyres (GRBP) (Seventy-ninth session, 6-9 February 2024) (agenda item 3.4).....	11
E. Highlights of the recent sessions (agenda item 3.56).....	11
1. Working Party on General Safety Provisions (GRSG) (127th session, 15-19 April 2024) (agenda item 3.5.1).....	11
2. Working Party on Lighting and Light-Signalling (GRE) (Ninetieth session, 29 April – 3 May 2024); (agenda item 3.5.2).....	11
3. Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (Informal session, 20-24 May 2024) (agenda item 3.5.3).....	12
4. Working Party on Passive Safety (GRSP) (Seventy-fifth session, 27-31 May 2024) . (agenda item 3.5.4).....	12
VI. 1958 Agreement (agenda item 4) .....	13
A. Status of the Agreement and of the annexed Regulations (agenda item 4.1).....	13
B. Guidance requested by the Working Parties on matters related to UN Regulations annexed to the 1958 Agreement (agenda item 4.2).....	13
1. Reproduction and reference to private standards in UN Regulations, Global Technical Regulations and Rules (agenda item 4.2.1).....	13
2. Guidance on amendments to UN Regulations annexed to the 1958 Agreement (agenda item 4.2.2).....	13
3. Interpretation of specific UN Regulations (agenda item 4.2.3).....	13
C. Development of the International Whole Vehicle Type Approval (IWVTA) system (agenda item 4.3) .....	13
D. Revision 3 to the 1958 Agreement (agenda item 4.4).....	14

E.	Development of an electronic database for the exchange of type approval documentation (DETA) (agenda item 4.5).....	14
F.	Consideration of draft amendments to existing UN Regulations submitted by GRSP (agenda item 4.6).....	14
G.	Consideration of draft amendments to existing UN Regulations submitted by GRPE (agenda item 4.7).....	15
H.	Consideration of draft amendments to existing UN Regulations submitted by GRVA (agenda item 4.8).....	15
I.	Consideration of draft amendments to existing UN Regulations submitted by GRBP (agenda item 4.9).....	15
J.	Consideration of draft corrigenda to existing UN Regulations submitted by the GRs: (agenda item 4.10).....	16
K.	Consideration of draft corrigenda to existing UN Regulations submitted by the secretariat, if any (agenda item 4.11).....	16
L.	Consideration of proposals for new UN Regulations submitted by the Working Parties subsidiary to the World Forum, if any (agenda item 4.12).....	16
M.	Proposal for amendments to the Consolidated Resolution on the Construction of Vehicles (R.E.3) submitted by the Working Parties to the World Forum for consideration, if any (agenda item 4.13).....	16
N.	Pending proposals for amendments to existing UN Regulations submitted by GRs (agenda item 4.14).....	16
O.	Proposal for amendments to Mutual Resolutions (agenda item 4.15).....	17
P.	Proposal for new Resolutions submitted by GRs (agenda item 4.16).....	17
VII.	1998 Agreement (agenda item 5).....	17
	Status of the Agreement, including the implementation of paragraph 7.1 of the Agreement (agenda item 5.1).....	17
VIII.	Exchange of views on national/regional rulemaking procedures and implementation of established UN Regulations and/or UN GTRs into national/regional law (agenda item 6).....	17
IX.	1997 Agreement (Periodical Technical Inspections) (agenda item 7).....	17
A.	Status of the Agreement (agenda item 7.1).....	19
B.	Amendments to the 1997 Agreement; (agenda item 7.2).....	19
C.	Establishment of new Rules annexed to the 1997 Agreement (agenda item 7.3).....	19
D.	Update of existing Rules annexed to the 1997 Agreement (agenda item 7.4).....	19
E.	Update of Resolution R.E.6 related to requirements for testing equipment, for skills and training of inspectors and for supervision of test centres (agenda item 7.5).....	19
F.	Vehicle whole-life compliance (agenda item 7.6).....	19
X.	Other business (agenda item 8).....	19
A.	Consistency between the provisions of the 1968 Vienna Convention and the technical provisions for vehicles of UN Regulations and UN GTRs adopted in the framework of the 1958 and 1998 Agreements; (agenda item 8.1).....	19
B.	Safer and cleaner used and new vehicles for low- and middle-income countries (agenda item 8.2).....	20
C.	Economic Commission for Europe Road Safety Action Plan 2023 – 2030 (agenda item 8.3).....	21
D.	Documents for publication agenda item 8.4).....	21
E.	Climate Change adaptation strategy (agenda item 8.5).....	21

F.	Any other business (agenda item 8.6).....	23
G.	Tributes (agenda item 8.7).....	23
XI.	Adoption of the report (agenda item 9) .....	23
	<b>B. Administrative Committee of the 1958 Agreement (AC.1)</b>	
XII.	Establishment of the Committee AC.1 (agenda item 10).....	24
XIII.	Proposals for amendments and corrigenda to existing UN Regulations and for new UN Regulations – Voting by AC.1 (agenda item 11) .....	24
	<b>C. Executive Committee of the 1998 Agreement (AC.3)</b>	
XIV.	Establishment of the Executive Committee AC.3 (agenda item 12).....	26
XV.	Monitoring of the 1998 Agreement: Reports of the Contracting Parties on the transposition. of UN GTRs and their amendments into their national/regional law (agenda item 13) .....	26
XVI.	Consideration and vote by AC.3 of draft UN GTRs and/or draft amendments to established UN GTRs, if any (agenda item 14).....	27
A.	Proposal for a new UN GTR, if any (agenda item 14.1.).....	27
B.	Proposal for amendments to a UN GTR, if any (agenda item 14.2.).....	27
C.	Proposal for a corrigendum to a UN GTR, if any, (agenda item 14.3.).....	28
D.	Proposal for amendments to the Mutual Resolutions of the 1958 and the 1998 Agreement, if any (agenda item 14.4.).....	28
XVII.	Consideration of technical regulations to be listed in the Compendium of Candidates for UN GTRs, if any (agenda item 15).....	29
XVIII.	Guidance, by consensus decision, on those elements of draft UN GTRs that have not been resolved by the Working Parties subsidiary to the World Forum, if any. (agenda item 16).....	29
XIX.	Progress on the development of new UN GTRs and of amendments to established UN GTRs (agenda item 17).....	29
A.	UN GTR No. 9 (Pedestrian safety) (agenda item 17.1) .....	29
B.	UN GTR No. 13 (Hydrogen and Fuel Cell Vehicles (HFCV) – Phase 2) (agenda item 17.2). .....	29
C.	UN GTR No. 20 (Electric Vehicles Safety (EVS)) (agenda item 17.3).....	30
D.	UN GTR No. 22 on in-vehicle battery durability (Electric vehicles and the environment) (agenda item 17.4) .....	30
E.	UN GTR No. 24 on brake particulate emissions (agenda item 17.5).....	30
F.	Proposal for a draft UN GTR on in-vehicle battery durability for electrified heavy-duty vehicles (agenda item 17.6) .....	30
G.	Request for authorization to develop amendments to UN GTRs Nos. 6, 7 and 14 to remove reference of three Dimensional H point machine (agenda item 17.7).....	31
H.	Proposal for a draft UN GTR on Automated Driving System (agenda item 17.8) .....	31
XX.	Items on which the exchange of views and data should continue or begin (agenda item 18).....	31
A.	Event Data Recorder (EDR) (agenda item 18.1) .....	31
B.	Children left in vehicles (agenda item 18.2).....	31
C.	Acceleration Control for Pedal Error (ACPE) (agenda item 18.3) .....	32
XXI.	Other business (agenda item 19) .....	32

## **D. Administrative Committee of the 1997 Agreement (AC.4)**

XXII.	Establishment of the Committee AC.4 and election of officers for the year 2024 (agenda item 20).....	32
XXIII.	Amendments to UN Rules annexed to the 1997 Agreement (agenda item 21).....	32
XXIV.	Establishment of new Rules to be annexed to the 1997 Agreement (agenda item 22).....	32
XXV.	Other business (agenda item 23) .....	33

### Annexes

I.	List of informal documents (WP.29-193-...) distributed without a symbol during the 193rd session .....	34
II.	World Forum for Harmonization of Vehicle Regulations (WP.29): Working Parties, Informal Working Groups and Chairs on 27 June 2024.....	36
III.	Revised Draft calendar of sessions for 2024 .....	39
IV.	Draft calendar of sessions for 2025 .....	41
V.	Status of the 1998 Agreement of the global registry and of the compendium of candidates .....	42
VI.	Adopted amendment to ECE/TRANS/WP.29/2024/34/Rev.1. ....	46

## A. World Forum for Harmonization of Vehicle Regulations (WP.29)

### I. Attendance

1. The World Forum for Harmonization of Vehicle Regulations (WP.29) held its 193rd session from 25 to 28 June 2024, chaired by Mr. A. Erario (Italy). The following countries were represented, following Rule 1 of the Rules of Procedure of WP.29 (ECE/TRANS/WP.29/690/Rev.1):, Australia, Austria, Canada, China, Croatia, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Hungary, India, Ireland, Italy, Japan, Latvia, Luxembourg, Malaysia, Malta, the Kingdom of the Netherlands, Nigeria, Norway, Poland, Republic of Korea, Russian Federation, South Africa, Spain, Sweden, Switzerland, Thailand, Ukraine, United Kingdom of Great Britain and Northern Ireland, United States of America and Zimbabwe. Representatives of the European Union participated. The following international organization was represented: International Telecommunication Union (ITU). The following non-governmental organizations were also represented: American Automotive Policy Council (AAPC), Association for Emissions Control by Catalyst (AECC), European Association of Automotive Suppliers (CLEPA/MEMA/JAPIA)<sup>1</sup>, European Tyre and Rubber Manufacturers' Association - ETRMA, The Institute of Electrical and Electronics Engineers (IEEE), International Motor Vehicle Inspection Committee (CITA), Fédération Internationale de l'Automobile (FIA), Fédération Internationale des Véhicules Anciens (FIVA), International Automotive Lighting and Light Signalling Expert Group (GTB), International Motorcycle Manufacturers Association (IMMA), International Organization of Motor Vehicle Manufacturers (OICA), International Road Federation (IRF), International Road Transport Union (IRU), Motor and Equipment Manufacturers Association (MEMA), European Tyre and Rim Technical Association (ETRTO), Recreation Vehicle Industry Association, Inc. – RVIA and SAE International. Other non-governmental organizations were represented following Rule 1(d): World Bicycle Industry Association (WBIA). Others invited by the Secretariat (Chair of the IWG on SCUNV), non-governmental organizations, private sector entities, independent experts and observers were represented: Some 130 participants attended the session in person.

### II. Opening statements

2. The Chair of WP.29, Mr. A. Erario (Italy) welcomed delegates to the 193rd session of WP.29 and opened the meeting. He invited Mr. Mariyasin the Deputy-Executive Secretary and Officer in Charge of the Sustainable Transport to present his opening remarks.

3. The Deputy-Executive Secretary and Officer in Charge of the Sustainable Transport division introduced himself and noted the retirement of the former Director Mr. Yuwei Li.

4. He expressed his gratitude to meet the World Forum for Harmonization of Vehicle Regulations, WP.29

5. He highlighted the importance of WP.29 for the world's citizens by providing the global regulatory framework for the safety and environmental protection covering all categories of vehicles from moped to biggest trucks and buses but also important protection equipment such as Child Restraints and Motorcycle Helmets,

6. He also highlighted the importance of WP.29 to the global automotive industry, which relies on the global regulatory framework providing the level playing field as a basis for fair competition,

7. He noted that within UNECE and the Transport Division WP.29 was the body spear heading work related to real global outreach as well as productivity and efficiency, delivering close to 28% of the overall UNECE outcome.

---

<sup>1</sup> Representing also the Motor and Equipment Manufacturers Association (MEMA) and Japan Auto Parts Industries Association (JAPIA) (TRANS/WP.29/885, para. 4).

8. He thanked WP.29 for its extensive input during the drafting of the ITC Strategy on Reducing Greenhouse Gas Emissions from Inland Transport and encouraged the same active spirit during the implementation of the strategy.

9. He further informed WP.29 on the ongoing liquidity crisis, at the UN, which unfortunately would also impact WP.29 as vacant posts in the secretariat cannot be filled.

10. He closed by recalling the recent tragic loss of one of the well-known and respected members of the WP.29 family, Mr Edwin Bastiaensen, Secretary General of IMMA (International Motorcycle Manufacturers' Association), who passed away on 17 May 2024, and called for a minute of silence that was respectfully performed by the assembly by spontaneously standing.

11. The Chair of WP.29, Mr. A. Erario (Italy) thanked the Deputy Executive Secretary for his comments and also conveyed a message of appreciation for Mr Edwin Bastiaensen.

### **III. Adoption of the agenda (agenda item 1)**

*Documentation:* ECE/TRANS/WP.29/1178/ and 1176/Add.1  
Informal documents: WP.29-193-03, WP.29-193-04

12. WP.29 adopted the annotated provisional agenda (ECE/TRANS/WP.29/1178, and the running order of the 193rd session (WP.29-193-03), with the addition of the 25 June 2024 session of GRVA (item 3.5.3) and additional agenda items 8.6 "Any other business" (with its subitems) and 8.7 "Tributes".

13. The list of informal documents is reproduced in Annex I to this report.

14. On the invitation of the Chair, the Chairman of the Japan Automobile Transport Technology Association (JATA) and acting Director General of JASIC Mr. M. Naito gave some remarks to the members of WP.29.

15. He opened by recalling that in the 1980s he witnessed the amendment to the 1958 Agreement, opening its membership to all UN Member States. He expressed his happiness to see many countries outside Europe currently participating in the work of WP.29.

16. He highlighted the activities of WP.29 that has contributed significantly to traffic accident prevention, addressing environmental issues, combating global warming, achieving the SDGs, and more recently, alleviating driver shortages in the transportation industry.

17. He commended the excellent leadership of Chairman Antonio Erario and Vice Chairman Takashi Naono, and for the efforts of all the participant from public and private sector.

18. He confirmed that, in cooperation with the Japanese government and industry, JASIC is committed to continuing to support the activities of WP.29 to the best of its ability in the future.

### **IV. Coordination and organization of work (agenda item 2)**

#### **A. Report of the session of the Administrative Committee for the Coordination of Work (WP.29/AC.2) (agenda item 2.1)**

19. AC.2 met on 24 June 2024. It was chaired by Mr. Erario.

20. The WP.29 Secretary reported that:

(a) AC.2 reviewed the proposal submitted by Finland for an amendment to the proposed Terms of Reference (ToR) of the Informal Working Group on Periodic Technical Inspections (IWG on PTI) including the nomination of a candidate for the position of Chair. AC.2 recommended WP.29 to consider this proposal together with the proposal for amendments to the ToR submitted by the IWG on PTI under agenda item 7;

- (b) AC.2 reviewed the calendar of meetings for 2024 and 2025:
  - (i) AC.2 noted that in 2025 the April session of GRE, its 92nd session, would start on 22 April 2025 p.m. unless the session could not be moved into another week;
  - (ii) AC.2 noted the wish of Japan to move the May 2025 session of GRSP (5-9 May 2025), its 75th session, to another week;
  - (iii) AC.2 noted the ongoing preparations for holding the May 2025 GRVA session in Bangkok and requested the secretariat to report on progress in November at its 146th session;
- (c) AC.2 was informed on recent work related to automated vehicles and the WP.29 Workshop on Artificial Intelligence (AI). AC.2 recommended the related document to be considered as a living document, which is deemed to provide guidance on how to use AI in the context of vehicles;
- (d) AC.2 requested to be updated by the Clean Air Association on the progress of its application for ECOSOC Consultative status and recommended the European Tuning Organization (ETO) to attend the next GRBP meeting upon invitation by the GRBP Chair under Rule 1(e) of the WP.29 rules of procedures (ECE/TRANS/WP.29/690/Rev.2);
- (e) AC.2 was informed on the outcome of a recent workshop of GRPE, which has been held in lieu of its 2024 May session. The workshop focused on global harmonization of Heavy-Duty fuel economy, energy consumption and range determination as well as on the future of power determination regulations;
- (f) AC.2 discussed the fraud cases happened in Japan and AC.2 members confirmed the importance of conducting tests in accordance with test procedures under each regulation, and consulting with TAA and TS in advance, rather than interpreting by automobile manufacturers themselves;
- (g) AC.2 was informed on the recent informal session of GRVA in USA;
- (h) AC.2 recommended AC.4 not to convene.

21. The representative of OICA asked for more clarity on the cases of fraud in Japan. The Vice-Chair of WP.29 and the representative of Japan agreed to provide further details on the situation, under agenda item 8.6. He noted that it is a sensitive issue under investigation and not all elements might be made public.

## **B. Programme of work and documentation (agenda item 2.2)**

*Documentation:* ECE/TRANS/WP.29/2024/1  
Informal documents: WP.29-193-01, WP.29-193-02, WP.29-192-02/Rev.1

22. The WP.29 Secretary introduced Informal Documents WP.29-193-01, list of Working Parties, Informal Working Groups, and Chairs, and WP.29-192-02/Rev.1, WP.29-193-02, calendar of meetings for 2024 and 2025.

23. He added that the 2024 Calendar of meetings reflected the invitation by USA to hold the May session of GRVA in USA Michigan as informal meeting. He further added that due to the limited time for the preparation of documents, GRPE had agreed to meet informally in May 2024, and formally in October 2024, this for GRPE has been reflected in the calendar.

24. The WP.29 Secretary noted that the 2025 Calendar of meetings reflected the wish of WP.29 to hold the May session of GRVA in Bangkok at UN premises. The secretariat is currently in the internal administrative process to have the budget allocated for the meeting in Geneva transferred for the meeting in Bangkok. Some additional costs may arise if interpreters need to travel to Bangkok.

25. Concerning the Programme of Work (PoW) for 2024, ECE/TRANS/WP.29/2024/1/Rev.1, he recalled the decision by WP.29 in June 2023, that there would no longer be updates to the PoW prepared for June and November sessions of WP.29.



### C. Intelligent Transport Systems and coordination of automated vehicles related activities (agenda item 2.3)

*Documentation:* ECE/TRANS/WP.29/2024/34/Rev.1, ECE/TRANS/WP.29/2024/39  
Informal documents: WP.29-193-17 and WP.29-193-18

26. WP.29 recalled the WP.29 Workshop on Artificial Intelligence held on 3-4 June 2024, opened by the WP.29 Chair and moderated by the GRVA Chair.

27. The Chair of GRVA introduced the revision to ECE/TRANS/WP.29/2024/34, proposing a guidance document on Artificial Intelligence in the context of vehicle regulations based on the input collected during the workshop.

28. The representative of the United States of America stated that Artificial Intelligence (AI) in the context of vehicle regulation was an important topic. She noted that the document was a work in progress, including valuable definitions and goals, however, the document was not ready for adoption as a resolution.

29. The representative of Canada reiterated his views on the document. He acknowledged that the topic was important but indicated that the document should only be considered as a reference document. He stated that Artificial Intelligence was broader than automotive. He mentioned some areas that were not addressed by the document, such as security, privacy and regretted that the document did not identify safety risks, vulnerabilities, and the limits of the technology.

30. The representative of OICA regretted that these concerns had not been mentioned at the last workshop, as they could have been addressed during the past months.

31. The representative of the European Union mentioned that the Union adopted a horizontal AI Act and pointed at the need for specific type approval provisions for AI. He also noted the value of the document and expressed his support for an endorsement of the guidance included in the document.

32. The representative of Germany supported the document starting from page 2, where it was titled "Proposal for a draft guidance document on Artificial Intelligence in the context of road vehicles". He proposed its endorsement for providing a basis for the continuation of activities on this topic.

33. The representative of the United Kingdom of Great Britain and Northern Ireland explained that type approval authorities currently approve vehicle technologies that were developed using AI. He noted the practical need for guidance.

34. The representative of Canada detailed his previous intervention, highlighting sections that would require clarifications.

35. The representative of OICA recalled that his delegation proposed to adopt the provisions as a mutual resolution as a symbol of inclusiveness of all contracting parties of both agreements, from 1958 and 1998. He advised WP.29 to modify the title of the document and to endorse it and request the secretariat to post it on the website as a reference document.

36. The Chair of GRVA presented ECE/TRANS/WP.29/2024/39, including the guidelines on Automated Driving Systems prepared by the Integration Group of the IWGs on Functional Requirements for Automated Vehicles and Validation Method for Automated Driving. The representatives of Canada, China, France, Germany, Japan, European Union and the United States of America expressed their support for this proposal and gratitude for all stakeholders for this activity. WP.29 adopted it and looked forward to the outcome of the activities of the IWG on ADS.

37. The Chair of GRVA provided a progress report on the activities of the Task Force on Automated Vehicle Categorization (AVC). The representative of France highlighted the importance of collaboration between the Task Forces on AVC, on the Fitness of UN Regulations and Global Technical Regulations for ADS, and the IWG on ADS. He announced that the next status report to WP.29 would be provided in November 2024.

38. The representative of the United Kingdom of Great Britain and Northern Ireland presented information on the adoption of the Automated Vehicle Act in 2024 in his country, focusing on four key aspects: liability, safety, marketing, and passenger services licencing. He provided answers to the questions received on liability and responsibility in the case of driverless vehicles, on ways to deal with driving offences, on Periodic Technical Inspection for ADS, and the correspondence of the nomenclature chosen with the categories under discussion by the TF on AVC.

39. The representative of the United Kingdom of Great Britain and Northern Ireland, Co-Chair of the IWG on Intelligent Transport System (ITS), reported on the outcome of the eighth session of the IWG on ITS (27 June 2024, Palais des Nations, Room XIX), primarily dedicated to the review of the revised UNECE Roadmap on ITS 2021-2025 (ECE/TRANS/2021/15). He explained that the group recommended to the parent bodies to consider the following:

(a) Note that a lot has already been done, including by WP.29, regarding the 18 actions included in the roadmap, and acknowledge that the roadmap will need to be refreshed;

(b) Extend the validity of the current version of the roadmap until 2030 (until the refreshed document is ready);

(c) Gather data that would support an update to the current document until 2028 and initiate drafting activities in collaboration with the Inland Transport Committee Working Parties with the aim to deliver a document for consideration by ITC in 2030.

40. Following the resumption of discussion, WP.29 considered informal document WP.29-193-20, proposing amendments to ECE/TRANS/WP.29/2024/34/Rev.1. WP.29 endorsed WP.29-193-20, as amended by Annex VI, as a reference document for future efforts on AI.

41. WP.29 also resumed its discussion regarding organizational matters related to Artificial Intelligence (AI):

(a) The representative of Germany reiterated their proposal to establish a dedicated informal working group under WP.29 devoted to AI;

(b) The representative of Canada stated that Germany's proposal to establish a dedicated new group on AI was premature. He argued that WP.29 had not yet determined the risks posed by AI, potential mitigations, or who should be involved. He invited WP.29 to consult more AI experts, beyond those related to AI in automotive;

(c) The representative of ITU noted that the wider community considered AI in automotive as part of ITS. This would support the idea of covering AI activities under the IWG on ITS;

(d) The representative of SAE International recalled their presentation on AI at the Troy meeting of GRVA in May 2024. They mentioned that their committee on AI had around 50 AI experts;

(e) The representative of IEEE volunteered to support WP.29's activities on AI and offered to assist the IWG on ITS secretariat on related matters, if desired;

42. As no decision was taken with regard to the organizational structure, WP.29 agreed to resume consideration of these organizational matters at its next session.

## **V. Consideration of the reports of the Working Parties (GRs) subsidiary to WP.29 (agenda item 3)**

### **A. Working Party on Passive Safety (GRSP) (Seventy-fourth session, 4-8 December 2023) (agenda item 3.1)**

*Documentation:* ECE/TRANS/WP.29/GRSP/74

43. The World Forum approved the report of the Chair of GRSP at its seventy-fourth session (ECE/TRANS/WP.29/GRSP/74).

**B. Working Party on Pollution and Energy (GRPE) (Ninetieth session, 9-12 January 2024) (agenda item 3.2)**

*Documentation:* ECE/TRANS/WP.29/GRPE/90

44. The World Forum approved the report of the Chair of GRPE at its ninetieth session (ECE/TRANS/WP.29/GRPE/90).

**C. Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (Eighteenth session 22-26 January 2024) (agenda item 3.3)**

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

45. The World Forum approved the report of the Chair of GRVA at its eighteenth session (ECE/TRANS/WP.29/GRVA/18).

**D. Working Party on Noise and Tyres (GRBP) (Seventy-ninth session, 6-9 February 2024) (agenda item 3.4)**

*Documentation:* ECE/TRANS/WP.29/GRBP/79

46. The World Forum approved the report of the Chair of GRBP on its seventy-ninth (ECE/TRANS/WP.29/GRBP/79).

**E. Highlights of the recent sessions (agenda item 3.5)**

**1. Working Party on General Safety Provisions (GRSG) (127th session, 15-19 April 2024) (agenda item 3.5.1)**

47. The Chair of GRSG reported on the results of the 127th session of GRSG (for details, see the report in ECE/TRANS/WP.29/GRSG/106).

48. GRSG adopted amendments to UN Regulations No. 125 and established a new UN Regulation on Field of Vision Assistant .

49. On three-dimensional H point machine GRSG agreed in principle on the proposal of amendment to M.R.1 expected to be finally adopted by GRSP at its May 2024 session. WP.29 endorsed this approach.

50. WP.29 endorsed the request from GRSG for the extension of the IWG on Event Data Recorder (EDR) / Data Storage System for Automated Driving (DSSAD) mandate for the part on EDR until June 2027, as agreed with the Working Party on Automated/Autonomous and Connected Vehicles.

51. WP.29 gave its consent to establish an IWG on driver drowsiness and distraction warning systems chaired by the expert from Australia.

**2. Working Party on Lighting and Light-Signalling (GRE) (ninetieth session, 29 April – 3 May 2024) (agenda item 3.5.2)**

52. The Chairman of GRE reported on the results of the ninetieth session of GRE (for details, see the report in ECE/TRANS/WP.29/GRE/90).

53. As a major highlight, he mentioned that, following an in-depth discussion, GRE had adopted the draft new 07 series of amendments to UN Regulation No. 10 (Electromagnetic compatibility) based on a proposal prepared by the Informal Working Group on EMC.

54. He also reported that GRE had agreed to extend the mandate of the Informal Working Group “Simplification of the Lighting and Light-Signalling Regulations” until December 2027. WP.29 endorsed this decision.

55. Finally, he pointed out that GRE had continued its discussions on use of the Unique Identifier (UI) in the UN Regulations under the GRE purview and, given the financial and practical complications of introducing UI, had agreed not to pursue UI.

56. To complement the GRE Chair report, the representative of EU recalled that, following a FIA presentation of the results of their 2024 European consumer study on glare in road traffic, GRE agreed to address this issue either in the framework of a new taskforce or an informal working group and requested interested parties to prepare draft terms of reference and rules of procedure for consideration at the next session. In this context, the representative of Canada pointed out their keen interest in glare-related issues and mentioned ongoing national studies on the topic whose results would be shared with GRE in due course.

57. In reply to a question of the representative of Canada, the secretariat confirmed that GRE would address tiny mistakes in figures of several tables in UN Regulations Nos. 48 and 149 that had been reported to GRE at its recent session.

### **3. Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (Informal session, 20-24 May 2024) (agenda item 3.5.3)**

58. The GRVA Chair reported on the results achieved by GRVA during its nineteenth session (see ECE/TRANS/WP.29/GRVA/19 for further details). He provided details on the informal part of the nineteenth session that allowed for conducting the necessary consultations in preparation for the formal session, noting the high participation (180 in-person participants, 60 remote participants, and another 40 participants involved in the demonstrations and technical visits). He thanked the United States of America, the secretariat, and SAE International for making it possible, and WP.29 as well as ITC for authorizing it.

59. WP.29 welcomed the submission of the draft new UN Regulation on Acceleration Control for Pedal Error (ACPE) for consideration and potential adoption by AC.1 in November 2024 and authorized phase 2 of the ACPE activities.

60. WP.29 extended the mandate of the IWG on ACPE until March 2025.

61. WP.29 also extended the mandate of the IWG on EDR/DSSAD until June 2025 (for the DSSAD part) and June 2027 (for the EDR part). The Chair of GRVA requested that informal document WP.29-193-01/Rev.1 be corrected accordingly (see Annex II).

62. WP.29 recalled the ITC decision No. 58 (Eighty-sixth ITC in February 2024, Informal document No.6 /Rev.4) regarding the idea to host the May 2025 session of GRVA in the UNESCAP premises in Bangkok (Thailand) and welcomed the secretariat arrangements taken to make it possible.

### **4. Working Party on Passive Safety (GRSP) (Seventy-fifth session, 27-31 May 2024) (agenda item 3.5.4)**

63. The representative of the United States of America, on behalf of the Chair of GRSP, informed WP.29 about the results achieved by his group during its seventy-fifth session (for details see the session report pending ECE/TRANS/WP.29/GRSP/75), which took place on May 27-31, 2024.

64. On UN Regulation No. 129 (Enhanced Child Restraint Systems) GRSP, agreed on a guidance document on how to correctly install CRS with a one-belt route. WP.29 agreed with the GRSP recommendation that no new type-approvals be granted for systems with more than one-belt route.

65. On Equitable Occupant Protection (EqOP), GRSP noted the vast and complex nature of the work underway, the high number of regulations that may be affected, and pledged to keep WP.29 abreast of its progress on a regular basis.

66. The GRSP Chairman requested WP.29's guidance to address questions within the IWG on the sequence of the work. This request for guidance was supported by additional comments from Canada and OICA.

67. The representative of Sweden, supported by the representative of the EU, did not agree that GRSP sought guidance at its last meeting from WP.29 with respect to IWG EqOP activities and mandate.

68. WP.29 referred the discussion on sequencing, back to GRSP and the IWG on EqOP.

69. On children left in vehicles, GRSP adopted the Terms of Reference (TOR) of the IWG that is planning to develop a solution in two phases, with a first phase to be completed by December 2024 when the IWG will present its findings and recommendations.

70. The GRPE secretary recalled the invitation to GRSP to co-host a GRPE hybrid workshop to be held in October 2024 that is aiming to explore the regulatory frameworks of Electric Vehicle (EV) / Hydrogen Fuel Cell Vehicles (HFCV) retrofit and the potential need for global harmonization of such regulatory frameworks.

## **VI. 1958 Agreement (agenda item 4)**

### **A. Status of the Agreement and of the annexed Regulations (agenda item 4.1)**

71. The secretariat informed the World Forum about the latest update of the status of the 1958 Agreement, based on ECE/TRANS/WP.29/343/Rev.32, available at <https://unece.org/status-1958-agreement-and-annexed-regulations>. WP.29 noted that contracting parties should notify the secretariat about any amendments needed to Add.1 to the status document via the online data base (/343app) only. The secretariat invited those Contracting Parties who had not yet notified their Single Points of Contact, to gain writing permission for the database, to do so as soon as possible.

### **B. Guidance requested by the Working Parties on matters related to UN Regulations annexed to the 1958 Agreement (agenda item 4.2)**

#### **1. Reproduction and reference to private standards in UN Regulations, Global Technical Regulations and Rules (agenda item 4.2.1)**

72. WP.29 noted that no document had been submitted under this agenda item.

#### **2. Guidance on amendments to UN Regulations annexed to the 1958 Agreement (agenda item 4.2.2)**

73. WP.29 noted that no document had been submitted under this agenda item.

#### **3. Interpretation of specific UN Regulations. (agenda item 4.2.3)**

*Documentation:* ECE/TRANS/WP.29/2024/40

74. The GRVA Secretary recalled the purpose of the Interpretation Document for UN Regulation No. 155 and introduced the amendment proposal providing details related to the application of UN Regulation No. 155 for vehicles of Category L.

75. WP.29 adopted the proposal (ECE/TRANS/WP.29/2024/40).

### **C. Development of the International Whole Vehicle Type Approval (IWVTA) system (agenda item 4.3)**

*Documentation:* ECE/TRANS/WP.29/2024/76  
Informal documents : WP.29-193-15 and WP.29-193-16

76. The representative of Japan, Chair of the IWG on International Whole Vehicle Type Approval (IWVTA) presented the outcome of the recent session of the IWG on IWVTA (WP.29-193-15) regarding the amendment to the Transitional Provisions guidelines and the draft 07 series of amendments to UN Regulation No. 0. He explained that the group reviewed

an amendment proposal to the schedule of the 1958 Agreement related to Unique Identifier. He also reported on the guidance provided by the group when a UN Regulation is “unnecessary for L-IWVTA” using the website-application provided by the secretariat, specifically its columns and footnotes.

77. WP.29 reviewed the amendments to Transitional Provisions Guidelines and adopted it. WP.29 noted the need to correct the French version for clarifying the newly introduced provisions.

78. The Chair of the IWG on IWVTA introduced informal document WP.29-193-16, a proposal for the 07 series of amendments to UN Regulation No. 0. WP.29 requested the secretariat to distribute WP.29-193-16 with an official symbol at the 194<sup>th</sup> WP.29 session.

#### **D. Revision 3 to the 1958 Agreement (agenda item 4.4)**

79. This agenda item has been addressed under agenda item 4.3.

#### **E. Development of an electronic database for the exchange of type approval documentation (DETA) (agenda item 4.5)**

*Documentation:* Informal document WP.29-193-12, WP.193-13

80. The representative from Germany, Chair of the IWG on the Database for the Exchange of Type Approval documentation (DETA), presented (WP.29-193-13) the report to the World Forum related to the use of DETA and also updating WP.29 on the work of the IWG at its fiftieth session, held on 21 June 2024. He laid out the current state of play, noting the number of approvals uploaded. He detailed activities of the IWG related to Unique Identifier (UI). He explained that the Group took note of the IWG on IWVTA proposal to amend Schedule 5 to the 1958 Agreement and clarified that the IWG on DETA would stop implementing UI provisions until further notice. Similarly, the IWG on DETA would put the Declaration of Conformance (DoC) implementation on hold until further notice.

81. The World Forum thanked Germany for continuing to host DETA.

82. The representative of Germany acknowledged the value of DETA as a good platform for exchange of information. He mentioned GRVA activities in the context of exchange of scenarios. He explained that this workstream started recently and considered centralized and decentralized ways to share information. He reflected on possible extensions of the scope of DETA in this context.

83. The Secretary advised WP.29 to consider involving other IWGs regarding the implementation of DOC. He mentioned that the DOC data were relevant in the context of IWVTA but could find its use in the context of Safer and Cleaner Used and New Vehicles (SCUNV).

#### **F. Consideration of draft amendments to existing UN Regulations submitted by GRSP (agenda item 4.6)**

*Documentation:* ECE/TRANS/WP.29/2024/41  
ECE/TRANS/WP.29/2024/42  
ECE/TRANS/WP.29/2024/43/Rev.1  
ECE/TRANS/WP.29/2024/44/Rev.1

84. The World Forum considered draft amendments under agenda items 4.6.1 to 4.6.4. and recommended their submission to AC.1 for voting.

85. Under agenda item 4.6.1. the representative of the United States of America on behalf of Chair of GRSP presented ECE/TRANS/WP.29/2024/41 as proposal for 04 series of amendments to UN Regulation No. 100 (Electric power trained vehicles), which identifies heavy duty vehicles equipped with an electric drivetrain with additional labelling that would support emergency services to determine how to approach these vehicles in case of a fire.

## **G. Consideration of draft amendments to existing UN Regulations submitted by GRPE (agenda item 4.7)**

*Documentation:* ECE/TRANS/WP.29/2024/45  
ECE/TRANS/WP.29/2024/46  
ECE/TRANS/WP.29/2024/47  
ECE/TRANS/WP.29/2024/48  
ECE/TRANS/WP.29/2024/49  
ECE/TRANS/WP.29/2024/50  
ECE/TRANS/WP.29/2024/51  
ECE/TRANS/WP.29/2024/52  
ECE/TRANS/WP.29/2024/53  
ECE/TRANS/WP.29/2024/54

86. The World Forum considered draft amendments under agenda items 4.7.1 to 4.7.10 and recommended their submission to AC.1 for voting.

## **H. Consideration of draft amendments to existing UN Regulations submitted by GRVA (agenda item 4.8)**

*Documentation:* ECE/TRANS/WP.29/2024/56  
ECE/TRANS/WP.29/2024/57  
ECE/TRANS/WP.29/2024/58  
ECE/TRANS/WP.29/2024/59  
ECE/TRANS/WP.29/2024/60  
ECE/TRANS/WP.29/2024/61  
ECE/TRANS/WP.29/2024/62

87. The Chair of GRVA introduced the proposal for a new supplement to UN Regulation No. 155, including the vehicle Category L in the scope of the regulation.

88. The World Forum considered draft amendments under agenda items 4.8.1 and 4.8.8 and recommended their submission to AC.1 for voting.

## **I. Consideration of draft amendments to existing UN Regulations submitted by GRBP (agenda item 4.9)**

*Documentation:* ECE/TRANS/WP.29/2024/63  
ECE/TRANS/WP.29/2024/64  
ECE/TRANS/WP.29/2024/65  
ECE/TRANS/WP.29/2024/66  
ECE/TRANS/WP.29/2024/67  
ECE/TRANS/WP.29/2024/68  
ECE/TRANS/WP.29/2024/69  
ECE/TRANS/WP.29/2024/70  
ECE/TRANS/WP.29/2024/71  
ECE/TRANS/WP.29/2024/72  
ECE/TRANS/WP.29/2024/73  
ECE/TRANS/WP.29/2024/74

89. The Chair of GRBP presented draft amendments under agenda items 4.9.1, 4.9.2 and 4.9.4. The World Forum considered these proposals and recommended their submission to AC.1 for voting.

90. Under agenda item 4.9.3, the GRBP Chair presented ECE/TRANS/WP.29/2024/65 and mentioned the following editorial correction:

*Paragraph 8.3.4., introductory phrase, amend to read "Insert a new paragraph 8.3.4. to read".*

91. Subject to the above correction, the World Forum considered the draft amendments under agenda items 4.9.3 and recommended their submission to AC.1 for voting.

92. The World Forum also considered the draft amendments under agenda items 4.9.5 - 4.9.11 and recommended their submission to AC.1 for voting.

93. For agenda items 4.9.12, document ECE/TRANS/WP.29/2024/73, the GRBP Chair proposed the following editorial corrections:

*For paragraph 5.2.2 and its introductory phrase, read “Paragraph 5.2.2., last sentence, replace “specifications” with “requirements”.*

*Paragraph 6.5.1. and its introductory phrase, renumber to 6.4.1.*

*Paragraph 8.3.2.1., for 6.5.1. read 6.4.1.*

94. Subject to the above correction, the World Forum considered the draft amendments under agenda items 4.9.12 and recommended their submission to AC.1 for voting.

#### **J. Consideration of draft corrigenda to existing UN Regulations submitted by the GRs, if any (agenda item 4.10)**

*Documentation:* ECE/TRANS/WP.29/2024/74

95. The World Forum considered draft corrigenda under agenda items 4.10.1 and recommended their submission to AC.1 for voting.

96. Under agenda item 4.11.1. the representative of the United States of America on behalf of Chair of GRSP presented ECE/TRANS/WP.29/2024/74 to correct typo mistakes to UN Regulation No. 134 (Hydrogen and Fuel Cells Vehicles).

#### **K. Consideration of draft corrigenda to existing UN Regulations submitted by the secretariat, if any (agenda item 4.11)**

*Documentation:* ECE/TRANS/WP.29/2024/27/Corr.1

97. Following a brief presentation by the secretariat, the World Forum considered a draft corrigendum under agenda item 4.11.1 and recommended its submission to AC.1 for voting.

#### **L. Consideration of proposals for new UN Regulations submitted by the Working Parties subsidiary to the World Forum, if any (agenda item 4.12)**

*Documentation:* ECE/TRANS/WP.29/2024/75

98. The GRBP Chair presented ECE/TRANS/WP.29/2024/75 with a proposal for a new UN Regulation on snow grip performance and traction tyre classification for retreaded tyres. The World Forum considered the proposal and recommended its submission to AC.1 for voting.

#### **M. Proposal for amendments to the Consolidated Resolution on the Construction of Vehicles (R.E.3) submitted by the Working Parties to the World Forum for consideration, if any: (agenda item 4.13)**

99. No proposal for amendments to the Consolidated Resolution on the Construction of Vehicles (R.E.3) has been submitted.

#### **N. Pending proposals for amendments to existing UN Regulations submitted by GRs (agenda item 4.14)**

100. No proposal for amendments to the Consolidated Resolution on the common specification of light source categories (R.E.5) has been submitted.



## **O. Proposal for amendments to Mutual Resolutions (agenda item 4.15)**

*Documentation:* ECE/TRANS/WP.29/2024/86

101. Under agenda item 4.15.1. the representative of the Republic of Korea on behalf of Vice-Chair of GRSP presented ECE/TRANS/WP.29/2024/86 as proposal for Amendment 4 to Mutual Resolution No. 1, to introduce Addendum 5 to calculate Head Impact Time and concerning provisions for: (a) Deployable Pedestrian Protection Systems (DPPS) Generic Vehicle Models and (b) developing Human Body Model qualification corridors. WP.29 adopted the proposal.

## **P. Proposal for new Resolutions submitted by GRs: (agenda item 4.16)**

102. WP.29 noted that no document had been pending under this agenda item.

## **VII. 1998 Agreement (agenda item 5)**

### **Status of the Agreement, including the implementation of paragraph 7.1 of the Agreement (agenda item 5.1)**

*Documentation:* ECE/TRANS/WP.29/1073/Rev.39

103. The World Forum agreed that agenda items 5.2 to 5.5 related to the 1998 Agreement should be considered in detail under agenda items 15 to 19 prepared for the Executive Committee of the 1998 Agreement, WP.29/AC.3.

## **VIII. Exchange of views on national/regional rulemaking procedures and implementation of established UN Regulations and/or UN GTRs into national/regional law (agenda item 6)**

104. WP.29 noted that no document had been pending under this agenda item.

## **IX. 1997 Agreement (Periodical Technical Inspections) (agenda item 7)**

*Documentation:* Informal documents WP.29-193-07, WP.29-193-08 and WP.29-193-09

105. The representative of Russian Federation, Co-Chair of the IWG on Periodic Technical Inspections (PTI), presented informal document WP.29-193-08, providing a report to WP.29 on activities of the IWG on PTI. He highlighted the group's activities on Electronic Periodic Technical Inspection (e-PTI) that could play an important role for inspection of vehicles equipped with Advanced Driver Assistance Systems (ADAS) and Automated Driving Systems (ADS). The establishment of ePTI procedures would require additional time for detailed evaluation. He informed WP.29 that the group discussed the opportunity to hold a meeting in Japan, allowing for gaining deeper understanding of ePTI implementation in Japan. He further informed WP.29 on activities related to measures aimed to detect tampering, noting that the group focused primarily on odometer accuracy and tampering. He also updated WP.29 on the progress of the work on a draft Rule on Inspection of Accident Emergency Call Systems (AECS) where the group intends to cooperate with GRSG, which oversees UN Regulation No.144 (AECS).

106. On the item related to coordination and organization of work, the representative of the Russian Federation and Co-Chair of the IWG on PTI recalled the request by WP.29 for revisited Terms of Reference (ToR) for the IWG on PTI to be tabled at the 193<sup>rd</sup> session of WP.29 for consideration and adoption together with the extension of the group's mandate. He further recalled the vacant position of the Co-Chair and the new tasks stemming from the

framework document on continuous compliance, inspection of ADAS and ADS, and ePTI needed to be addressed in the updated ToR together with the necessary information required for performing such inspections. Furthermore, the element of anti-tampering needed to be included in the ToR in a generic manner to cover a broad range of potential tampering. He also mentioned related to the vacant position of a Co-Chair that Finland was considering stepping in as Co-Chair, though the final decision on the Co-Chairperson-ship rests with WP.29.

107. WP.29 noted the report.

108. The representative of the Russian Federation and Co-Chair of the IWG on PTI presented informal document WP.29-193-07 containing the proposal for updated ToR of the IWG on PTI, including the working items: (a) whole life compliance, (b) Measures to detect tampering, (c) ADAS and ADS inspections, (d) consistency between 1968 Convention on Road Traffic and the technical provisions for vehicles against the Rules of the 1997 Agreement, (e) guidance for PTI, (f) guidance for roadside inspections and enforcement and (g) others. He also pointed on the necessity to have sufficient time by extending the mandate of the group for additional three years.

109. WP.29 noted that the revised ToR also contained rules of procedure of the IWG, including item 14. (b) “Two Co-Chairs (The Russian Federation and “vacant position”) will manage the IWG with support of a Secretary (CITA)”.

110. The representative of Finland introduced informal document WP.29-193-09 with a proposal to amend the updated ToR’s part containing the Rules of Procedures item 14. (b) to read “A Chair (Finland) will manage the IWG with support of a Secretary (CITA)”.

111. The representative of the Russian Federation and Co-Chair of the IWG on PTI proposed, as an alternative, to refer the updated ToR back to the IWG on PTI as the Finnish amendment proposal had not been considered at the IWG and requested to extend the group’s mandate until November 2024 while keeping current item 14 (b) in square brackets.

112. The representative of Finland pointed out that Finland could not accept a temporary extension of the group’s mandate and the importance that the IWG would continue work. He also showed openness to tackle the selection of a Co-Chair besides Finland at the next session of WP.29.

113. The representatives from Austria, Croatia, Czech Republic, France, Germany Ireland, Latvia, Lithuania, Luxembourg, Malta, Poland, Spain, Sweden, Switzerland, United Kingdom of Great Britain and Northern Ireland, and Ukraine, expressed their support for the amendment proposal of Finland.

114. The representative of the Russian Federation reiterated: (a) his objection to the amendment proposal by Finland and (b) his request for an extension of the group’s mandate.

115. The representative of Finland requested the motion to be put to a vote.

116. The WP.29 Chair concluded that, even though a big number of WP.29 members had supported the amendment proposal from Finland, as the position of the Russian Federation kept unchanged, a consensus could not be reached and therefore a vote on this item would be unavoidable. He asked the secretariat to inform WP.29 on applicable rules of procedures for such vote.

117. The WP.29 Secretary recalled that, based on advice received from the UN competent legal body, any subsidiary body, including IWGs should apply the Rules of Procedures of its supervising body *mutatis mutandis* for elements that would not be covered in their own Rules of Procedures, if there were any. He further referred to Chapter VIII of WP.29 (Rules 24 to 27) covering the elements related to voting as Rule 26 even provides reference to Rules 34 to 39 of the Rules of Procedure of ECE.

118. The representative of the Russian Federation requested the documents to be available in Russian.

119. WP.29 requested the secretariat to issue these documents as official documents for the next session (revised versions can be submitted to the secretariat until 20 August 2024).

120. WP.29 agreed to resume consideration of the IWG on PTI mandate extension, of the revised terms of reference and rules of procedures and of the group's chairperson-ship at its November 2024 session.

121. WP.29 encouraged interested parties to continue discussions on PTI but also noted that no report would be provided to WP.29 in November 2024 as no decision to extend the mandate of the IWG on PTI was taken at this session.

#### **A. Status of the Agreement (agenda item 7.1)**

*Documentation:* ECE/TRANS/WP.29/1074/Rev.18

122. WP.29 noted ECE/TRANS/WP.29/1074/Rev.18 on the status of the agreement, including the status of the UN Rules annexed to the agreement, the list of the contracting parties to the agreement and of their administrative departments and encouraged the contracting parties to the 1997 Agreement to provide relevant updated information to the secretariat, as needed.

#### **B. Amendments to the 1997 Agreement (agenda item 7.2)**

123. WP.29 noted that no document had been submitted under this agenda item.

#### **C. Establishment of new Rules annexed to the 1997 Agreement (agenda item 7.3)**

124. WP.29 noted that no document had been submitted under this agenda item.

#### **D. Update of Rules annexed to the 1997 Agreement (agenda item 7.4)**

125. WP.29 noted that no document had been submitted under this agenda item.

#### **E. Update of Resolution R.E.6 related to requirements for testing equipment, for skills and training of inspectors and for supervision of test centres (agenda item 7.5)**

126. WP.29 noted that no document had been submitted under this agenda item.

#### **F. Vehicle whole-life compliance (agenda item 7.6)**

127. WP.29 noted that no document had been submitted under this agenda item.

### **X. Other Business (agenda item 8)**

#### **A. Consistency between the provisions of the 1968 Vienna Convention and the technical provisions for vehicles of UN Regulations and UN GTRs adopted in the framework of the 1958 and 1998 Agreements (agenda item 8.1)**

128. The Secretary of the Global Forum for Road Traffic Safety (WP.1) reported on the highlights of the March 2024 session of WP.1. He emphasized that Mr. N. Srinivasan, Associate Administrator for Research and Program Development, delivered a keynote address on behalf of the National Highway Traffic Safety Administration (NHTSA) and the United States Department of Transportation. He quoted the Associate Administrator's explanations on the impact of driver distraction in terms of both fatalities and economic impact. The WP.1 Secretary mentioned the recent achievement of the Group of Experts on

drafting a new legal instrument on the use of automated vehicles in traffic (GoE on LIAV) as this group managed to merge two diverging versions proposing revised terms of reference. He informed that WP.1 would resume discussion of this item at its September 2024 session. He reported on driving permit issues and explained that the informal group of experts on this subject would submit two working documents for the next session, based on an informal document presented by the United Kingdom. On automated driving, he informed WP.29 that the discussion focused on a document tabled by the expert from Canada; this document aimed at developing key principles on automated vehicle safety and human-centred needs. The discussion would be resumed on the basis of a revised document, taking into account the comments provided during the session. He also mentioned the review of a document on remote activities related to driving. On road signals, he stated that WP.1 agreed to amendment proposals to the 1968 Convention on Road Signs and Signals, the European Agreement Supplementing the 1968 Convention (ECE/TRANS/WP.1/2023/3), and the Protocol on Road Markings (additional to the European Agreement). He added that the final documents would be ready for adoption at the September session of WP.1. Finally, he explained that WP.1 was looking forward to receiving an update on WP.29-190-07 with a proposal from WP.29 regarding the structuring of activities supporting the coordination between WP.1 and WP.29.

129. The representative of SAE International requested information on where the documents can be viewed pertaining to the remote driving activities of WP.1 The WP.1 Secretary pointed at ECE/TRANS/WP.1/2024/3.

## **B. Safer and cleaner used and new vehicles for low- and middle-income countries (agenda item 8.2)**

*Documentation:* ECE/TRANS/2024/87  
Informal document : WP.29-193-23

130. The Chair of the IWG of Safer and Cleaner Used and New Vehicles (SCUNV), gave a presentation on the recent activities of the group, WP.29-193-23, where he highlighted the recent meetings of the group, showing the work that has been done. He thanked all the Vice-Chairs of the group for the contributions to the work of the group.

131. He noted that work of the Used Vehicle Task force was well on its way as the group were working towards the inspection methods of the Inspection Chapters identified in the ECE/TRANS/2024/87.

132. He also noted that the New Vehicle Task force was established and highlighted the challenges faced by the group and he passed the floor to the Co-Chair, USA. The Co-Chair USA, further expanded on this topic by noting that as a first step, by identifying several challenges that need to be addressed. He concluded by reminding the Forum that the aim of the group was to provide Cleaner and Safer Vehicles to African countries and that the IWG is working to increase participation by African countries.

133. The Chair closed the presentation by encouraging participation in the group, with the dates of the upcoming meeting, as well as in inviting members to participate in the hybrid session to be held in conjunction with the CITA Conference in Nairobi, Kenya in October 2024.

134. The representative from the Netherlands thanked the group for the work done so far and asked for clarity on the activities of the new vehicle task force and whether the group needed feedback from WP.29 on how to address the challenges.

135. The Chair of the IWG on SCUNV clarified that as the task force has other activities planned, they will further address these challenges and if they are unable to resolve them they will likely bring them to the November session of WP.29.

136. The representative of OICA thanked the group for incorporating the OICA Manifesto in the work of the New Vehicle Taskforce. He encouraged the group in their work to ensure that when identifying the minimum requirements for new vehicles to ensure that it is clear in the final documentation that vehicles are developed, manufactured and certified as a whole

under the same regulatory regime, therefore cherry picking of certification items like the FMVSS and the UN Regulations would be difficult.

137. The Chair of WP.29 thanked the Chair of the IWG on SCUNV for the presentation.

### **C. Economic Commission for Europe Road Safety Action Plan 2023 - 2030 (agenda item 8.3)**

*Documentation:* ECE/TRANS/2023/7/Rev.1  
informal documents WP.29-193-22

138. WP.29 noted that the informal document WP.29-193-22, amending ECE/TRANS/2023/7/Rev.1., providing the feedback on the action plan of the Working Party on Transport of Dangerous Goods (WP.15) and current updates and recent deliberations of subsidiary bodies of WP.29 (e.g.: recommendation of GRSP to develop a UN GTR on safety helmets).

139. The representative of the United States of America questioned the classification of minimum requirements for safe and clean used and new vehicles for low- and middle-income countries under the title of “new legal instruments since no decision has been taken on how these requirements will be recorded. The Representative also requested that the Secretariat’s recommendation for e-courses include the 1998 and 1997 agreements. .

140. The representative of OICA stated that the plan would be mostly beneficial for low- and middle-income countries. Therefore, he supported the development on a UN GTR on helmets but questioned those elements bringing advanced technologies amongst others.

141. WP.29 noted that deadline for submission of comments to the above-mentioned documents would be received by 20 August this year. However, since the document would be official submitted to ITC, WP.29 noted that more time would be allowed to provide comments after the above-mentioned deadline.

### **D. Documents for publication (agenda item 8.4)**

*Documentation:* Informal documents WP.29-193-21

142. WP.29 noted that the informal document WP.29-193-21 provided information on the proposals for the amendments, corrigenda, and new UN Regulations, that have been adopted by AC.1 in the March 2024 session of WP.29. They further noted that the document also included the entry into force of the corrigenda being 6 March 2024, the (envisaged) dates of entry into force, being the 22 September 2024 for the amendments, and the 22 September 2024 for the new UN Regulation.

143. The Secretary of WP.29 highlighted that the Secretariat recently published the Intelligent Transport Systems (ITS) for Sustainable Mobility, Second Edition. He noted that the document would be available on the website shortly and the hardcopy version was currently available for delegates.

### **E. Climate Change adaptation strategy (agenda item 8.5)**

*Documentation:* Informal documents WP.29-193-24

144. The secretariat introduced WP.29-193-24. The Chair thanked the ITC secretary for the updated information and acknowledged the key role of WP.29 and especially of GRPE in this activity. Given the prominent role GRPE will play in all WP.29-related actions of the ITC decarbonization strategy, he invited the Chair of GRPE to share some insights.

145. The Chair of GRPE thanked for the latest information shared by the ITC secretary with WP.29. He agreed many of the WP.29 actions of the ITC decarbonization strategy would be down to GRPE to consider, and he informed GRPE was already fully engaged in many of them, for example action 32 on carbon footprint of vehicle from cradle to grave. He emphasized all stakeholders are strongly engaged to deliver on a harmonized methodology,

also considering energy. He concluded by highlighting that additional resources would be appreciated to accelerate the implementation of the WP.29-related actions and to finalize the proposal under Action 32 by mid-2025. He thanked France and OICA for the support in the drafting activities that are being initiated.

146. The representative of the US asked WP.29 Secretary about the progress reporting process and whether WP.29 would be in a position to review the draft WP.29 inputs prior to its submission to ITC. The WP.29 Secretary confirmed WP.29 will get the chance to review the inputs, most likely via informal documents. The Chair thanked the secretariat for the contribution and was looking forward to the letter from the ITC Chair to working party Chairs. He invited GRPE to provide guidance to WP.29 on the implementation of WP.29-related actions to the ITC decarbonization strategy at next sessions of WP.29.

## **F. Any other business (agenda item 8.6)**

*Documentation:* Informal documents: WP.29-193-10, WP.29-193-11 WP.29-193-14, WP.29-193-18

### **1. Cooperation of the World Forum with the Working Party on the Transport of Dangerous Goods (agenda item 8.6.1)**

147. The representative of the Russian Federation introduced WP.29-193-11, explaining that during the 115<sup>th</sup> session of the Working Party on the Transport of Dangerous Goods (WP.15), the United Kingdom of Great Britain and Northern Ireland was presented, introduced a proposal to clarify the requirements of Annex B to the Agreement on the International Carriage of Dangerous Goods (ADR) with regard to the protection of vehicles from the rear. He highlighted that a parallel proposal was not presented to GRSG to amend UN Regulation No. 58 (Rear under protection devices) to keep harmonization tight between ADR provisions and the UN Regulation annexed to the 1958 Agreement.

148. The representative from the United Kingdom confirmed to WP.29 that the proposal from the United Kingdom of Great Britain and Northern Ireland to amend ADR in WP.15 was aimed to harmonize ADR Regulations with UN Reg No.58 and that, for this reason, no proposal is planned at GRSG to amend . the above-mentioned UN Regulation. The representative from Spain showed the example of incompatibility between ADR and UN Regulation of master switch camera monitoring system provisions that was recently solved by GRSG and suggested a similar approach. The representative of the Russian Federation clarified that his showcase did not regard incompatibility but procedure that could led to incompatibility between ADR and UN Regulation No. 58. On the suggestion of the Chair of WP.29 (Chairing also GRSG), the World Forum agreed that this informative point in progress in WP.15 would be possibly opened in GRSG to monitor discussion in progress on ADR.

### **2. Limits for emissions of harmful substances from tyres (agenda item 8.6.2.)**

149. The representative of the Russian Federation presented WP.29-193-10 on the establishment of limits for emissions of harmful substances from tyres. He recalled Regulation (EU) No. 1907/2006 which, inter alia, had introduced specific limits on the use of polycyclic aromatic hydrocarbons (PAH) in tyre production compounds. He requested the World Forum to instruct GRBP, within the joint GRBP-GRPE Task Force on Tyre Abrasion (TF TA), to explore the possibility of introducing limits for PAH in the compound for tyre manufacturing. WP.29 recalled several precedents in UN Regulations which set out restrictions on the harmful substances, e.g. asbestos, in vehicle parts. Upon GRPB Chair's proposal, WP.29 invited GRBP to include this issue into the agenda of its forthcoming session in September 2024 and to report back to WP.29.

### **3. Minutes from May 2024 GRPE hybrid workshops (agenda item 8.6.3.)**

150. The Chair of GRPE introduced WP.29-193-14, introduced the minutes of the May 2024 GRPE hybrid workshops. He highlighted the outcome of the morning session to start developing Terms of Reference for a potential Informal Working Group on the topic of heavy

duty fuel economy standard harmonization to be considered by GRPE at its next session of GRPE in October 2024.

151. He then explained the outcomes of the afternoon workshop that looked at the future of power legislation. He informed WP.29 that in order to help with regional needs and to ensure global harmonization, he proposed to develop a working document for a new UN Regulation transposing UN GTR No. 21 for the next session of GRPE in October 2024.

152. He concluded by introduced considerations presented by Fastned (member of AVERE) on the EV charging power curves of available EVs on the market. He highlighted the innovative nature of the activity for GRPE and said the topic would be tackled again in the next session of GRPE in a view to take future decisions about the potential role GRPE could play with respect to this activity.

#### **4. Fraud Cases by vehicle manufacturers in Japan (agenda item 8.6.4.)**

153. The representative of Japan reported that following the short information provided by the Secretary of AC.2 (see para. 20 (f)) he received several questions and comments from stakeholders including concern for the mutual recognition of type approval.

154. He presented document WP.29-193-19 and expressed that the government of Japan will do its effort to discuss and implement counter measurement to avoid recurrence of similar fraud cases.

155. The representatives of United Kingdom of Great Britain and Northern Ireland and Germany expressed their appreciation for the proactive response and the expectation for Japanese effort for preventing the recurrence and offered support as necessary.

### **G. Tributes (agenda item 8.7)**

156. WP.29 learnt that Mr. Y. Van Der Straaten representative of OICA would no long attend WP.29 sessions due to his retirement. WP.29 wished him a happy retirement and thanked him for his essential contributions to WP.29, and contributions to the Working Party on Passive Safety (GRSP).

157. WP.29 learnt that Ms. A.Wilson representative of the CLEPA/MEMA would no long attend WP.29 sessions due to her retirement. WP.29 wished her a happy retirement and thanked her for her essential contributions to WP.29, and contributions in championing the importance of WP.29 and international harmonization to senior leaders within the US government.

158. WP.29 learnt that Mr. B. Frost, representative of the United Kingdom of Great Britain and Northern Ireland would be retiring from 1st July and that he wished to pass on his thanks and best wishes to all the colleagues and secretariat he has worked with over the years. WP.29 wished him a happy retirement and thanked him for his essential contributions to WP.29, including the proposals to introduce electrical transmission brake system (ETBS) technology into UN Regulations 13 and 13H, his work on Mutual Resolution No.1 and prior to that as former Chair of the Working Party on Brakes and Running Gear (GRRF).

## **XI. Adoption of the report (agenda item 9)**

159. The World Forum adopted the report on its **193rd session** and its annexes based on a draft prepared by the secretariat. The report included sections related to the **eighty-seventh session** of the Administrative Committee (AC.1) of the 1958 Agreement, to the **seventieth session** of the Executive Committee (AC.3) of the 1998 Agreement and the fifteenth session of the Administrative Committee of the 1997 Agreement (AC.4)

## B. Administrative Committee of the 1958 Agreement (AC.1)

### XII. Establishment of the Committee AC.1 (agenda item 10)

160. Of the 61 contracting parties to the agreement, 37 were represented and taking part in the voting procedure at the eighty-seventh AC.1 session, on 26 June 2024.

161. AC.1 invited the Chair of WP.29 to chair the session

### XIII. Proposals for amendments and corrigenda to existing UN Regulations and for new UN Regulations – Voting by AC.1 (agenda item 11)

162. The results of the voting on the documents submitted are in the following tables, following the rules of procedure of article 12 and the appendix of Revision 3 to the 1958 Agreement:

<i>Amendments to existing Regulations</i>							
<i>Regulation No.</i>	<i>Subject of the Regulation</i>	<i>Contracting Parties</i>		<i>Document: ECE/TRANS/WP.29/...</i>	<i>Voting result: for/against/abstentions</i>	<i>Document status</i>	<i>Remark</i>
		<i>applying the Regulation</i>	<i>represented</i>				
13	Heavy Vehicle Braking	53	33	2024/56	32/0/1	Suppl. 22 to the 11 series	*
13	Heavy Vehicle Braking	53	33	2024/57	32/0/1	Suppl. 4 to the 12 series	*
13	Heavy Vehicle Braking	53	33	2024/58	32/0/1	Suppl. 2 to the 13 series	*
13-H	Braking of passenger cars	55	33	2024/59	32/0/1	Suppl. 5 to the 01 series	*
22	Safety helmets	51	32	2024/42	31/0/1	Suppl. 3 to the 06 series	*
30	Tyres for passenger vehicles and their trailers	55	34	2024/67	33/0/1	Suppl. 26 to the 02 series	*
41	Noise emissions of motorcycles	51	33	2024/68	32/0/1	Suppl. 3 to the 05 series	*
41	Noise emissions of motorcycles	51	33	2024/69	32/0/1	Suppl. 11 to the 04 series	*
49	Emissions of compression ignition and positive ignition (LPG and CNG) engines	50	32	2024/45	31/0/1	Suppl. 12 to the 05 series	*
49	Emissions of compression ignition and positive ignition (LPG and CNG) engines	50	32	2024/46	31/0/1	Suppl. 9 to the 06 series	*
51	Noise of M and N categories of vehicles	51	33	2024/70	32/0/1	Suppl. 10 to the 03 series	*
54	Tyres for commercial vehicles and their trailers	54	33	2024/2/Rev.1	32/0/1	Suppl. 27	*
63	Noise emissions of mopeds	48	29	2024/71	29/0/0	Suppl. 6 to the 02 series	*



Amendments to existing Regulations							
Regulation No.	Subject of the Regulation	Contracting Parties		Document: ECE/TRANS/WP.29/...	Voting result: for/against/abstentions	Document status	Remark
		applying the Regulation	represented				
78	Motorcycle brakes	51	32	2024/60	31/0/1	Suppl. 1 to the 06 series	*
79	Steering equipment	49	33	2024/61	32/0/1	Suppl. 11 to the 03 series	*
79	Steering equipment	49	33	2024/62	32/0/1	Suppl. 6 to the 04 series	*
83	Emissions of M1 and N1 vehicles	50	32	2024/47	31/0/1	Suppl. 18 to the 05 series	*
83	Emissions of M1 and N1 vehicles	50	32	2024/48	31/0/1	Suppl. 20 to the 06 series	*
83	Emissions of M1 and N1 vehicles	50	32	2024/49	31/0/1	Suppl. 17 to the 07 series	*
83	Emissions of M1 and N1 vehicles	50	32	2024/50	31/0/1	Suppl. 1 to the 08 series	*
85	Measurement of the net power and the 30 min. power	51	33	2024/51	32/0/1	Suppl. 13	*
96	Uniform provisions concerning the approval of engines to be installed in agricultural and forestry tractors and in nonroad mobile machinery with regard to the emissions of pollutants by the engine	47	31	2024/52	30/0/1	Suppl. 1 to the 05 series	*
100	Electric power trained vehicles	53	33	2024/41	32/0/1	04 series	*
101	CO2 emission/fuel consumption	53	32	2024/53	31/0/1	Suppl.13 to the 01 series	*
108	Retreaded tyres for passenger cars and their trailers	54	32	2024/63	31/0/1	01 series	*
109	Retreaded tyres for commercial vehicles and their trailers	54	32	2024/64	31/0/1	01 series	*
117	Tyre rolling resistance, rolling noise and wet grip	57	33	2024/65 as amended by para. 90	32/0/1	Suppl. 2 to the 04 series	*
117	Tyre rolling resistance, rolling noise and wet grip	57	33	2024/72	32/0/1	Suppl. 2 to the 03 series	*
117	Tyre rolling resistance, rolling noise and wet grip	57	33	2024/73 as amended by para. 93.	32/0/1	Suppl. 16 to the 02 series	*
120	Uniform provisions concerning the approval of internal combustion engines to be installed in agricultural and forestry tractors and in non-road mobile machinery, with regard to the measurement of the net power, net torque and specific fuel consumption	55	32	2024/54	31/0/1	Suppl. 1 to the 02 series	*
129	Enhanced Child Restraint systems	59	35	2024/43/Rev.1	34/0/1	Suppl. 11 to the 03 series	*

<i>Amendments to existing Regulations</i>							
<i>Regulation No.</i>	<i>Subject of the Regulation</i>	<i>Contracting Parties</i>		<i>Document: ECE/TRANS/WP.29/...</i>	<i>Voting result: for/against/abstentions</i>	<i>Document status</i>	<i>Remark</i>
		<i>applying the Regulation</i>	<i>represented</i>				
129	Enhanced Child Restraint systems	59	35	2024/44/Rev.1	34/0/1	Suppl. 1 to the 04 series	*
138	Quiet road transport vehicles	59	36	2024/66	35/0/1	02 series	*
155	Cyber Security and Cyber Security Management System	59	36	2024/55	35/0/1	Suppl. 3	*
<i>Corrigenda to UN Regulations</i>							
134	Hydrogen and Fuel Cells Vehicles	59	36	2024/74	35/0/1	Corr. 1 to the original version	*
150	Retro-reflective devices	59	36	2024/27/Corr. 1	35/0/1	Corr. 1 to Suppl. 2 to the 01 series	*
<i>Proposal for new UN Regulations</i>							
[172]	Snow grip performance and traction tyre classification for retreaded tyres		36	2024/75	35/0/1		*

\* The European Union voting on behalf of its member States.

### **C. Executive Committee of the 1998 Agreement (AC.3)**

#### **XIV. Establishment of the Executive Committee AC.3 (agenda item 12)**

163. The seventieth session of the Executive Committee (AC.3) was held on 26 June 2024 and chaired by the representative of Japan. The representatives of 15 of the 39 contracting parties to the agreement attended: Australia, Belarus, Canada, China, European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, Netherlands, Romania, Slovakia, Slovenia, Spain, and Sweden), India, Kazakhstan, Japan, Nigeria, Norway, Republic of Korea, Russian Federation, South Africa, United Kingdom of Great Britain and Northern Ireland and United States of America.

#### **XV. Monitoring of the 1998 Agreement: Reports of the Contracting Parties on the transposition of UN GTRs and their amendments into their national/regional law (agenda item 13)**

*Documentation:* ECE/TRANS/WP.29/1073/Rev.38  
Informal documents WP.29-193-05 and WP.29-193-06

164. AC.3 noted the information, as of 9 June 2024, on the status of the Agreement of the Global Registry and of the Compendium of Candidates (ECE/TRANS/WP.29/1073/Rev.39), the status of the priorities of the 1998 Agreement (based on WP.29-193-06 as reproduced in Annex V to this report) and items on which the exchange of views should continue. AC.3 noted that notifications and the mandatory reports on the transposition process through their

Permanent Missions in Geneva to the secretariat, are publicly accessible at: <https://wiki.unece.org/display/TRAN/Home>. AC.3 recalled its agreement to always send the above-mentioned reports and notifications through their Permanent Missions in Geneva and directly to the secretariat (email: [edoardo.gianotti@un.org](mailto:edoardo.gianotti@un.org)) to ensure updating of the status document, which is the monitoring tool of the agreement. In this regard AC.3 noted the status reports submitted by the Representatives of the United States of America as advanced copy directly to the Secretariat prior to the official submission via their Permanent Mission (WP.29-193-05).

165. AC.3 warmly reiterated its request to its Contracting Parties to send the above-mentioned status report and notifications as one of the main obligations of the 1998 Agreement (Articles 7.4 to 7.4.1. of the Agreement) and be provided to the secretariat for each one-year period if action or no action had been taken in the process of transposition of UN GTRs into domestic legislations. AC.3 finally noted that such information would be integrated into the Status of the Agreement document and that such information would not be only administrative but also relevant to all interested parties, including the industry, to understand the type of vehicle certification needed in the different Contracting Parties. Finally, AC.3 welcomed the offer of the secretariat to organize a workshop involving also the representatives of the Permanent Missions of the Contracting Parties to improve understanding of the administrative provisions of the Agreement.

166. Prior to commencement of the voting processes, the representative of the United Kingdom of Great Britain and Northern Ireland explained that due to the calling of a General Election in his country he had been unable to secure a cleared voting position for all the proposals under consideration and would therefore need to abstain on all votes.

## **XVI. Consideration and vote by AC.3 of draft UN GTRs and/or draft amendments to established UN GTRs, if any (agenda item 14)**

### **A. Proposal for a new UN GTR (agenda item 14.1.)**

167. No proposals for new UN GTRs have been submitted.

### **B. Proposal for amendments to a UN GTR (agenda item 14.2.)**

#### **1. Proposal for Amendment 3 to UN Global Technical Regulation No. 9 (Pedestrian safety)(agenda item 14.2.1)**

*Documentation:* ECE/TRANS/WP.29/2024/77  
ECE/TRANS/WP.29/2024/78

168. Submitted for consideration and vote, the Proposal for Amendment 3 to UN Global Technical Regulation No. 9 (Pedestrian safety)( ECE/TRANS/WP.29/2024/77 and ECE/TRANS/WP.29/2024/78) was established in the Global Registry of the 1998 Agreement on 26 June 2024 by consensus vote of Australia, Canada, China, the European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, the Netherlands, Romania, Slovakia, Slovenia, Spain and Sweden), India, Japan, Nigeria, Norway, the Republic of Korea, the Russian Federation, South Africa and United States of America. Belarus and Kazakhstan did not vote, and United Kingdom of Great Britain and Northern Ireland abstained from voting.

#### **2. Proposal for Amendment 1 to UN GTR No. 21 (Determination of Electrified Vehicle Power (DEVP)) (agenda item 14.2.2)**

*Documentation:* ECE/TRANS/WP.29/2024/79  
ECE/TRANS/WP.29/2024/80

169. Submitted for consideration and vote, the Proposal for Amendment 1 to UN GTR No. 21 (Determination of Electrified Vehicle Power (DEVP)) (ECE/TRANS/WP.29/2024/79 and

ECE/TRANS/WP.29/2024/80) was established in the Global Registry of the 1998 Agreement on 26 June 2024 by consensus vote of Australia, Canada, China, the European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, the Netherlands, Romania, Slovakia, Slovenia, Spain and Sweden), India, Japan, Nigeria, Norway, the Republic of Korea, the Russian Federation, South Africa and United States of America. Belarus and Kazakhstan did not vote, and United Kingdom of Great Britain and Northern Ireland abstained from voting.

**3. Proposal for Amendment 1 to UN GTR No. 22 (In-vehicle Battery Durability for Electrified Light-Duty Vehicles) (agenda item 14.2.3)**

*Documentation:* ECE/TRANS/WP.29/2024/81  
ECE/TRANS/WP.29/2024/82

170. Submitted for consideration and vote, the (GRPE) - Proposal for Amendment 1 to UN GTR No. 22 (In-vehicle Battery Durability for Electrified Light-Duty Vehicles)(ECE/TRANS/WP.29/2024/81 and ECE/TRANS/WP.29/2024/82)was established in the Global Registry of the 1998 Agreement passed on 26 June 2024 by consensus vote of Australia, Canada, China, the European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, the Netherlands, Romania, Slovakia, Slovenia, Spain and Sweden), India, Japan, Nigeria, Norway, the Republic of Korea, the Russian Federation, South Africa and United States of America. Belarus and Kazakhstan did not vote, and United Kingdom of Great Britain and Northern Ireland abstained from voting.

**4. Proposal for Amendment 1 to UN GTR No. 24 (Laboratory Measurement of Brake Emissions for Light-Duty Vehicles) (agenda item 14.2.4)**

*Documentation:* ECE/TRANS/WP.29/2024/83  
ECE/TRANS/WP.29/2024/84

171. Submitted for consideration and vote, the (GRPE) - Proposal for Amendment 1 to UN GTR No. 24 (Laboratory Measurement of Brake Emissions for Light-Duty Vehicles) was passed on 26 June 2024 by consensus vote of Australia,, China, the European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, the Netherlands, Romania, Slovakia, Slovenia, Spain and Sweden), India, Japan, Nigeria, Norway, the Russian Federation and South Africa. Belarus and Kazakhstan did not vote, and Canada, the Republic of Korea, United Kingdom of Great Britain and Northern Ireland and United States of America abstained from voting.

**C. Proposal for a corrigendum to a UN GTR, if any (agenda item 14.3.)**

*Documentation:* ECE/TRANS/WP.29/2024/85

172. Submitted for consideration and vote, the proposal for Corrigendum 1 to UN Global Technical Regulation No. 13 (Hydrogen and Fuel Cell Vehicles) (ECE/TRANS/WP.29/2024/85) was established in the Global Registry of the 1998 Agreement on 26 June 2024 by consensus vote of Australia, Canada, China, the European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, the Netherlands, Romania, Slovakia, Slovenia, Spain and Sweden), India, Japan, Nigeria, Norway, the Republic of Korea, the Russian Federation, South Africa and United States of America. Belarus and Kazakhstan did not vote, and United Kingdom of Great Britain and Northern Ireland abstained from voting.

**D. Proposal for amendments to the Mutual Resolutions of the 1958 and the 1998 Agreement, if any (agenda item 14.4)**

*Documentation:* ECE/TRANS/WP.29/2024/86

173. Submitted for consideration and vote, the proposal for Amendment 4 to Mutual Resolution No. 1 was adopted on 26 June 2024 by consensus vote of Australia, Canada, China, the European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy,

Lithuania, Luxembourg, the Netherlands, Romania, Slovakia, Slovenia, Spain and Sweden), India, Japan, Nigeria, Norway, the Republic of Korea, the Russian Federation, South Africa. Belarus and Kazakhstan did not vote, and Canada, United Kingdom of Great Britain and Northern Ireland and United States of America abstained from voting.

**XVII. Consideration of technical regulations to be listed in the Compendium of Candidates for UN GTRs, if any (agenda item 15)**

174. AC.3 noted that no proposals had been submitted.

**XVIII. Guidance, by consensus decision, on those elements of draft UN GTRs that have not been resolved by the Working Parties subsidiary to the World Forum, if any (agenda item 16)**

175. Contracting parties did not, at this time, request additional guidance under this agenda item.

**XIX. Progress on the development of new UN GTRs and of amendments to established UN GTRs (agenda item 17)**

**A. UN GTR No. 9 (Pedestrian safety) (agenda item 17.1)**

*Documentation:* (ECE/TRANS/WP.29/AC.3/45)  
(ECE/TRANS/WP.29/AC.3/45/Rev.1)  
ECE/TRANS/WP.29/2018/162  
(ECE/TRANS/WP.29/AC.3/31)  
ECE/TRANS/WP.29/AC.3/31/Rev.1  
(ECE/TRANS/WP.29/2021/83)  
(ECE/TRANS/WP.29/GRSP/2012/2)  
(ECE/TRANS/WP.29/GRSP/2014/5)

176. The representative of Korea recalled the adoption of Amendment 3 to UN GTR No.9 at this session, concluding seven years of work on deployable pedestrian protection system. He underlined that this amendment would improve greatly pedestrian safety worldwide. He clarified that there was no open issued known and that the work was completed. The representatives of Canada, United States of America and Chair from Japan congratulated Korea on this.

**B. UN GTR No. 13 (Hydrogen and Fuel Cell Vehicles (HFCV) – Phase 2) (agenda item 17.2)**

*Documentation:* ECE/TRANS/WP.29/AC.3/49

177. The representative of the United States of America underlined that all expected actions had been established for this UN GTR until this session of AC.3.

**C. UN GTR No. 20 (Electric Vehicles Safety (EVS)) (agenda item 17.3)**

*Documentation:* ECE/TRANS/WP.29/AC.3/50/Corr.1  
(ECE/TRANS/WP.29/AC.3/50)

178. The representative of the United States of America explained that no meeting was organized since the last session and that the next session would be organized in Tokyo beginning of September this year.

**D. UN GTR No. 22 on in-vehicle battery durability (Electric vehicles and the environment) (agenda item 17.4)**

*Documentation:* ECE/TRANS/WP.29/AC.3/57  
(ECE/TRANS/WP.29/2020/96)

179. The representative of the United States of America, on behalf of the Chair of the IWG on Electric Vehicle and the Environment (EVE), reminded the timeline of adoption of UN GTR No.22 and its first amendment of UN GTR No. 22 adopted under agenda item 14.2.3. He added that Amendment 1 to UN GTR No. 22 reflects the learning of the IWG on EVE from implementation experience of different jurisdictions.

180. He informed AC.3 that the next phase of development was expected to be concluded in the June 2026 timeframe.

181. The representative of China congratulated AC.3 on the adoption of Amendment 1 to UN GTR No.22, given many countries are transposing this UN GTR into their national legislation. He informed that China was working on this and he suggested to consider including battery swapping in the next phase of UN GTR No. 22 development.

**E. UN GTR No. 24 on brake particulate emissions (agenda item 17.5)**

*Documentation:* ECE/TRANS/WP.29/AC.3/59  
(ECE/TRANS/WP.29/2021/150)

182. The representative of the EU, on behalf of the Chair of the Informal group on PMP (Particle measurement program), thanked AC.3 members who voted in favour of the amendment 1 to UN GTR No.24 just established under agenda item 14.2.4. He informed AC.3, the IWG on Particulate Matters Programme (PMP) was working on further improvements of the procedures to determine brake particulate emissions. He added the short-term priority of the IWG on PMP was to develop similar provisions for heavy duty vehicles, potentially requiring a separate new UN GTR given the technological differences between light and heavy duty vehicles braking systems. He confirmed AC.3 would be informed as soon as a decision would be taken.

183. He concluded by saying several countries and regions were now in the transposition phase of UN GTR No.24 into national or regional legislations, showing the relevance and timeliness of UN GTR No.24 and the amendment just adopted. He invited AC.3 to keep this item on the agenda given the on-going activities around UN GTR No.24.

**F. Proposal for a draft UN GTR on in-vehicle battery durability for electrified heavy-duty vehicles (agenda item 17.6)**

*Documentation:* ECE/TRANS/WP.29/2023/85  
ECE/TRANS/WP.29/AC.3/60

184. The representative of the United States of America, on behalf of the Chair of the IWG on EVE, reminded AC.3 about the latest activities on the development of the UN GTR on heavy duty durability, that stemmed from UN GTR No. 22, highlighting the differences between light and heavy duty applications. He informed about the significant progress achieved in the last months and about an on-going pilot phase testing conducted by OICA

with all interested CPs invited to participate to the testing. He concluded by highlighting the tight timeline set in the authorization that was still planned to be met.

185. The representative of China appreciated the positive contributions from all parties involved. He reminded AC.3 that China has accumulated significant experience in battery durability testing, especially on chassis dynamometer. He further recommended to conduct research on battery swapping for heavy duty vehicles, which is widely used in the country.

**G. Request for authorization to develop amendments to UN GTRs Nos. 6, 7 and 14 to remove reference of three-Dimensional H point machine (agenda item 17.7)**

*Documentation:* ECE/TRANS/WP.29/AC.3/61

186. The representative of the Netherlands recalled the activities performed under GRSP. He announced the submission of documents amending the concerned UN GTRs for consideration and vote by AC.3 at its November 2024 session.

**H. Proposal for a draft UN GTR on Automated Driving System (agenda item 17.8)**

*Documentation:* ECE/TRANS/WP.29/AC.3/62  
(ECE/TRANS/WP.29/2024/38)

187. AC.3 endorsed ECE/TRANS/WP.29/AC.3/62 (based on ECE/TRANS/WP.29/2024/38 adopted at the last session).

188. The representative of Canada, Co-Chair of the IWG on ADS, gave a status report on the activities of the group, also on behalf of the other Co-Chairs from China, European Commission, Japan, United Kingdom of Great Britain and Northern Ireland, and United States of America as well as the Ambassadors from Australia and the Netherlands. He informed AC.3 that the group already had several virtual meetings. He informed that the next meetings would take place in July 2024 in Brussels and then in the United Kingdom, in October 2024. He pointed at the good participation at the meetings so far: the first meeting, for example, had 160 participants. He confirmed that there was a real commitment to deliver in time both a UN Regulation and a UN GTR.

189. The Chair of GRVA announced that the group would try to provide written interim reports to AC.3. He echoed the statements by the representative of Canada regarding the commitments of the stakeholders engaged in these activities and recalled the ambitious timeline envisaged for this workstream.

**XX. Items on which the exchange of views and data should continue or begin: (agenda item 18)**

**A. Event data recorder (agenda item 18.1)**

190. The representative of Japan recalled that AC.3 had agreed to remove this agenda item at its last session.

191. AC.3 reconfirmed its decision and removed this item of the agenda for the time being.

**B. Children left in vehicles (agenda item 18.2)**

192. The representative of Australia gave a status report, highlighting that the informal working group (IWG) met twice finalizing the terms of reference of the group (ToR). She clarified that according to the ToR the IWG planned its activities in two phases:

(a) the first one would focus on data collection (with an expiring date in December 2024; and

(b) the second one would focus on countermeasures and establishing technical requirements.

193. The representative of Canada noted the importance of this workstream on Paediatric Vehicular Heatstroke (PVH). He highlighted the engagement of his Country on this topic involving all stakeholders including vehicle and child restraint manufacturers and expressed commitment to support this workstream.

194. The Chair noted that the data from Canada would be very helpful for the phase one

195. The representative of China expressed satisfaction with the activities performed under this activity aimed at finding safety solutions to protect children worldwide.

### **C. Acceleration Control for Pedal Error (ACPE) (agenda item 18.3)**

196. The representative of Japan reported that the IWG on ACPE was continuing its activities on the development of the 01 series of amendments to the UN Regulation on ACPE.

197. He added that the group discussed the potential activities under the 1998 Agreement once the work on the 01 series will be completed. Japan is planning to submit documentation to receive the authorization from AC.3 to develop a UN GTR on ACPE, at the November 2024 session, together with other interested Contracting Parties.

198. The Chair of GRVA inquired if there would be a sponsor for these activities. The Chair consulted AC.3. The representative of Canada indicated interest in collaborating with Japan.

199. AC.3 agreed that initial activities on ACPE under the 1998 Agreement is initiated.

### **XXI. Other business (agenda item 19)**

200. The representative of China recalled that his country volunteered to contribute to several tasks related to the development of the UN GTR on ADS as agreed during the first GRVA workshops on ADS. He also recalled that China would host the second GRVA workshop on ADS in Beijing in October 2024. He sincerely invited all experts to participate in this workshop in Beijing.

### **D. Administrative Committee of the 1997 Agreement (AC.4)**

#### **XXII. Establishment of the Committee AC.4 and election of officers for the year 2024 (agenda item 20)**

201. AC.4 did not convene, as recommended by AC.2 at its 145th session.

#### **XXIII. Amendments to Rules annexed to the 1997 Agreement (agenda item 21)**

202. No subject was raised under this agenda item.

#### **XXIV. Establishment of new Rules annexed to the 1997 Agreement (agenda item 22)**

203. No subject was raised under this agenda item.



**XXV. Other business (agenda item 23)**

204. No subject was raised under this agenda item.

**Annex I**

[English only]

**List of informal documents (WP.29-193-...) distributed without a symbol during the 193rd session**

<i>No. WP.29-193-</i>	<i>Transmitted by</i>	<i>Agenda item</i>	<i>Language</i>	<i>Title</i>	<i>Follow-up</i>
1/Rev.1	Secretariat	2.2.	E	WP.29, Working Parties, Informal Working Groups and Chairmanship	(b)
2	Secretariat	2.2..	E	Draft calendar of meetings for 2025	(b)
3	Secretariat	1.	E	Running order of the 193rd session of WP.29	(b)
4	Secretariat	1.	E	Consolidated agenda	(d)
5	Secretariat	13	E	Status Report on Implementation of UN Global Technical Regulations in the United States of America (USA)	(g)
6	Secretariat	5.1 & 13	E	Status of the 1998 Agreement of the global registry and of the compendium of candidates - Situation on priorities and proposals to develop UN GTRs as of 19 June 2024	(b)
7	IWG on PTI	7	E	Terms of Reference of the IWG PTI for 2024 to 2027	(a)
8	IWG on PTI	7	E	Report to WP.29 about results of the thirty-fifth meeting of the IWG PTI	(d)
9	Finland	7	E	Informal Working Group on Periodic Technical Inspection (IWG on PTI) Extension of mandate – Amendment of Rules of Procedure – Selection of Officer(s)	(a)
10	Russian Federation	8.6.2	E,R	On the establishment of limits for emissions of harmful substances from tyres.	(e)
11	Russian Federation	8.6.1	E,R	On the harmonization of the requirements of the UN Regulations and ADR	(e)
12	DETA IWG	4.5	E	Report from the 50 <sup>th</sup> session of the IWG on DETA	(d)
13	DETA IWG	4.5	E	Status report from the IWG on DETA to WP.29	(d)
14	Secretariat	8.6.3.	E	Minutes of May 2024 GRPE hybrid workshops	(d)

<i>No. WP.29-193-</i>	<i>Transmitted by</i>	<i>Agenda item</i>	<i>Language</i>	<i>Title</i>	<i>Follow-up</i>
15	IWVTA IWG	4.3.	E	Status Report of IWVTA IWG	(d)
16	IWVTA IWG	4.3.	E	UNR0 07 Series amendments	(a)
17	UK	2.3	E	Automated Vehicle Act 2024	(d)
18	TF on AVC	2.3	E	Status report of the task force on automated vehicle categorization	(d)
19	Japan	8.6.4	E	Fraud cases by vehicle manufacturers	(d)
20	Canada, EU, USA, OICA	2.3	E	Considerations on Artificial Intelligence in the context of road vehicles – Amendments to ECE/TRANS/WP.29/2024/34/Rev.1	(f)
21	Secretariat	8.4.	E	Adopted proposals and entry into force	(d)
22	Secretariat	8.3.	E	Draft Economic Commission for Europe Road Safety Action Plan 2023 – 2030 (Part on vehicles)	(c)
23	IWG on SCUNV	8.2	E	Report to the 193rd Session of WP.29 Session on activities of the IWG on SCUNV for the period March to June 2024	(d)
24	Secretariat	8.5.		ITC-related matters	(d)

*Notes:*

- (a) Issue as official document for the next session.
- (b) Adopted.
- (c) Continue consideration at the next session.
- (d) Consideration completed or to be superseded
- (e) Sent to GRBP for further consideration
- (f) Adopted with modifications in Annex VI
- (g) Incorporated into future ECE/TRANS/WP.29/1073/Rev.40 once it will be sent to secretariat via Permanent Mission

**Annex II**

[English only]

**World Forum for Harmonization of Vehicle Regulations  
(WP.29):  
Working Parties, Informal Working Groups and Chairs  
on 27 June 2024**

	<i>Working Parties and informal working groups</i>	<i>Chair/Co-Chairs Vice-Chair</i>	<i>Country</i>	<i>Expiry date of the mandate</i>
<b>WP.29</b>	<b>World Forum</b>	<b>Mr. A. Erario Mr. T. Naono</b>	<b>Italy Japan</b>	<b>2025</b>
	Intelligent Transport Systems (ITS)	Mr. T. Naono Mr. D. Kay Ms. J. Doherty	Japan UK USA	March 2025
	Electronic Database for the Exchange of Type Approval documentation (DETA)	Mr. S. Paeslack	Germany	June 2025
	International Whole Vehicle Type Approval (IWVTA)	Mr. H. Matsukawa	Japan	November 2026
	Enforcement Working Group	N.N.		2020
	Periodic Technical Inspections (PTI)	N.N. Mr. V. Komarov	Russian Federation	June 2024
	Safer and Cleaner New and Used Vehicles (SCUNV)	Mr. D. Van Tonder MJR. (Rtd.) J Kipchumba Yator Mr. P. Ianna Mr. X. Hoekman Mr. E. Wondimneh	South Africa Kenya  Nigeria The Netherlands USA	December 2025
<b>GRBP</b>	<b>Noise and Tyres</b>	<b>Mr. S. Ficheux Mr. B. Schüttler</b>	<b>France Germany</b>	<b>2025</b>
	Wet grip performance for tyres in worn state (WGWT)	Mrs. M. Dodu Mrs. A. Serra	France EC	February 2026
	Real Driving - Additional Sound Emission Provisions (RD-ASEP)	Mr. B. Schüttler Mr. H. Houzu	Germany Japan	February 2026
<b>GRE</b>	<b>Lighting and Light-Signalling</b>	<b>Mr. T. Kärkkäinen Mr. D. Rovers</b>	<b>Finland Netherlands</b>	<b>2025</b>
	Simplification of the Lighting and Light Signalling Regulations (SLR)	Mr. D. Rovers M. A. Lazarevic	Netherlands EC	December 2027
	Electromagnetic Compatibility (EMC)	Mr. Z. Tsakiridis	Germany	December 2026
<b>GRPE</b>	<b>Pollution and Energy</b>	<b>Mr. A. Rijnders Mr. D. Kay</b>	<b>Netherlands UK</b>	<b>2025</b>
	Environmental and Propulsion Performance Requirements of L-category vehicles (EPPR)	Mr. N. den Ouden Mr. J. Mashele	Netherlands South Africa	December 2025

	<i>Working Parties and informal working groups</i>	<i>Chair/Co-Chairs Vice-Chair</i>	<i>Country</i>	<i>Expiry date of the mandate</i>
	Electric Vehicle and Environment (EVE)	Mr. M. Olechwiw Mrs. E. Paffumi Mrs. C. Chen Mr. N. Okui	USA EC China Japan	June 2027
	Particle Measurement Programme (PMP)	Mr. B. Giechaskiel	EC	June 2025
	Vehicle Interior Air Quality (VIAQ)	Mr. A. Kozlov Ms. I. J. Park	Russian Federation Republic of Korea	November 2025
	Automotive-Life Cycle Assessment (A-LCA)	Mr. T. Niikuni Mr. C. Kim	Japan Republic of Korea	June 2025
<b>GRVA</b>	<b>Automated/Autonomous and Connected Vehicles</b>	<b>Mr. R. Damm</b> <b>Ms. C. Chen</b> <b>Mr. T. Naono</b>	<b>Germany</b> <b>China</b> <b>Japan</b>	<b>2025</b>
	Automated Driving System	Mr. I. Sow <sup>1</sup> Ms. C. Chen <sup>1</sup> Ms. C. Galassi <sup>1</sup> Mr. H. Matsukawa <sup>1</sup> Mr. M. Braisher <sup>1</sup> Mr. E. Wondimneh <sup>1</sup>	Canada, China, EC, Japan, UK, USA	June 2026
	Cyber Security and Over-The-Air software updates (CS/OTA)	Mr. T. Niikuni <sup>1</sup> Mr. D. Hannah <sup>1</sup> Mr. E. Wondimneh <sup>1</sup>	Japan UK USA	November 2024
	Event Data Recorder / Data Storage System for Automated Driving (EDR/DSSAD)	Mr. T. Guiting <sup>1</sup> Mr. H. Matsukawa <sup>1</sup> Mrs. J. Doherty <sup>1</sup>	Netherlands Japan USA	June 2025 (DSSAD) June 2027 (EDR)
	Acceleration Control for Pedal Error (ACPE)	Mr. T. Hirose Mr. P. Seiniger	Japan Germany	March 2025
<b>GRSP</b>	<b>Passive Safety</b>	<b>Mr M. Koubek</b> <b>Mr H. G. Kim</b>	<b>USA</b> <b>Republic of Korea</b>	<b>2025</b>
	Harmonization of Side Impact Dummies			Tbd
	UN GTR No. 9 on Pedestrian Safety Deployable – Pedestrian Protection Systems (DPPS)	Mr. J. S. Park	Republic of Korea	May 2024
	Electric Vehicle Safety (EVS) – Phase 2	Mr. M. Koubek Mr. A. Lazarevic Ms. C. Chen	USA, EC and China Vice-Chair	March 2025
	Hydrogen and Fuel Cell Vehicles (HFCV) – Phase 2	Mr. M. Koubek Mr. K. Sato <sup>1</sup> Ms. C. Chen Mr. S.W. Kim	USA Japan and China and Republic of Korea Vice-Chairs	June 2024
	Protective Helmets	Mr. L. Rocco	Italy	Suspended
	Safer Transport of Children in Buses and Coaches	Ms. Marta Angles	Spain	November 2025

	<i>Working Parties and informal working groups</i>	<i>Chair/Co-Chairs Vice-Chair</i>	<i>Country</i>	<i>Expiry date of the mandate</i>
	Equitable Occupant Protection (EOP)	Ms. Pernilla Bremer	Sweden	December 2027
	Children Left in Vehicles	Mr. Abdul NILAR	Australia China and Republic of Korea Vice-Chairs	[December 2024]
<b>GRSG</b>	<b>General Safety</b>	<b>Mr. A. Erario</b> <b>Mr. K. Hendershot</b>	<b>Italy</b> <b>Canada</b>	<b>2025</b>
	Field of Vision Assistants (IWG-FVA)	Mr. H. Lammers	Netherlands	April 2024
	Awareness of Vulnerable Road Users proximity (VRU-Proxi)	Mr. L. Rozansky	EC	October 2024

### **World Forum for Harmonization of Vehicle Regulations: Administrative/Executive Committees and Chairs**

	<i>Committees</i>	<i>Chair Vice-Chair</i>	<i>Country</i>	<i>Expiry date of the mandate</i>
AC.1	Administrative Committee of the 1958 Agreement	Mr. A. Erario Mr. T. Naono	Italy Japan	2025
AC.2	Administrative Committee for the coordination of work	Mr. A. Erario	Italy	2025
AC.3	Executive Committee of the 1998 Agreement	Mr. T. Naono Mr. J. Sanchez Mr. D. Kay	Japan USA UK	2025
AC.4	Administrative Committee of the 1997 Agreement	Mr. G. Pater Mr. T. Kärkkäinen	Netherlands Finland	2025

## Annex III

[English only]

## Revised draft calendar of WP.29 sessions for 2024

(Changes can be expected.)

Month	Meeting (title and session No.)	Dates proposed	Schedule	Half-days	Interpretation	12 weeks deadline	Delegates
JANUARY	Working Party on Pollution and Energy (GRPE) (90 <sup>th</sup> session)	10-12	p.m./a.m.	5	Yes	17/10/23	150
JANUARY	Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (18 <sup>th</sup> session)	22-26	p.m./a.m.	8	Yes	30/10/23	150
FEBRUARY	Working Party on Noise and Tyres (GRBP) (79 <sup>th</sup> session)	6-9	p.m./a.m.	6	Yes	14/11/23	120
MARCH	Administrative Committee for the Coordination of Work (WP.29/AC.2) (144 <sup>th</sup> session)	4	a.m./p.m.	2*	No		35
MARCH	World Forum for Harmonization of Vehicle Regulations (WP.29) (192 <sup>nd</sup> ); Admin. Committee of the 1958 Agreement (AC.1: 86 <sup>th</sup> session); Executive Committee of the 1998 Agreement (AC.3: 69 <sup>th</sup> session); Admin. Committee of the 1997 Agreement (AC.4: 15 <sup>th</sup> session)	5-8 (6 6-7)	a.m./a.m. (p.m. p.m./p.m.)	7	Yes	12/12/23	160
APRIL	Working Party on General Safety Provisions (GRSG) (127 <sup>th</sup> session)	15-19	p.m./a.m.	8	Yes	22/01/24	120
APRIL/ MAY	Working Party on Lighting and Light-Signalling (GRE) (90 <sup>th</sup> session)	29-3	p.m./a.m.	8	Yes	05/02/24	120
MAY	Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (informal meeting, Michigan USA)	20-24	p.m./am.	8*	No	(26/02/24)	150
MAY	Working Party on Pollution and Energy (GRPE) (Informal meeting, hybrid, Geneva)	23	a.m./p.m.	2*	No	NA	50
MAY	Working Party on Passive Safety (GRSP) (75 <sup>th</sup> session)	27-31	p.m./a.m.	8	Yes	04/03/24	120
JUNE	Administrative Committee for the Coordination of Work (WP.29/AC.2) (145 <sup>th</sup> session)	24	a.m./p.m.	2*	No		35
JUNE	<b>Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (19<sup>th</sup> session)**</b>	<b>25</b>	<b>a.m.</b>	<b>1</b>	<b>Yes</b>	<b>29/03/24</b>	<b>160</b>
JUNE	World Forum for Harmonization of Vehicle Regulations (WP.29) (193 <sup>rd</sup> session); Admin. Committee of the 1958 Agreement (AC.1: 87 <sup>th</sup> session); Executive Committee of the 1998 Agreement (AC.3: 70 <sup>th</sup> session); Admin. Committee of the 1997 Agreement (AC.4: 18 <sup>th</sup> session)	25-28 (26 26-27)	p.m./a.m. (p.m. p.m./p.m.)	6	Yes	29/03/24	160
SEPTEMBER	Working Party on Noise and Tyres (GRBP) (80 <sup>th</sup> session)	17-20	p.m./a.m.	6	Yes	18/06/24	120
SEPTEMBER	Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (20 <sup>th</sup> session)	23-27	p.m./a.m.	8	Yes	01/07/24	150
OCTOBER	Working Party on General Safety Provisions (GRSG) (128 <sup>th</sup> session)	7-11	p.m./a.m.	9	Yes	15/07/24	120
OCTOBER	Working Party on Pollution and Energy (GRPE) (91 <sup>st</sup> session)	14-16	a.m./a.m.	5	Yes	22/07/24	150
OCTOBER	Working Party on Lighting and Light-Signalling (GRE) (91 <sup>st</sup> session)	22-25	a.m./a.m.	7	Yes	30/07/24	120
NOVEMBER	Administrative Committee for the Coordination of Work (WP.29/AC.2) (146 <sup>th</sup> session)	11	a.m./p.m.	2*	No		35
NOVEMBER	World Forum for Harmonization of Vehicle Regulations (WP.29) (194 <sup>th</sup> session); Admin. Committee of the 1958 Agreement (AC.1: 85 <sup>th</sup> session); Executive Committee of the 1998 Agreement (AC.3: 71 <sup>st</sup> session); Admin. Committee of the 1997 Agreement (AC.4: 19 <sup>th</sup> session)	12-15 (13 13-14)	a.m./a.m. (a.m. p.m./p.m.)	7	Yes	20/08/24	160
DECEMBER	Working Party on Passive Safety (GRSP) (76 <sup>th</sup> session)	2-6	p.m./a.m.	8	Yes	09/09/24	120
	Half-day quota requested in 2024 budget: <b>121</b>	<b>TOTAL: 123 half days = 61,5 days***</b>					

\*) Meeting without interpretation

\*\*) Meeting will take place from 9.30 a.m. to 10.30 a.m.

\*\*\*) This figure does not include the GRVA workshops that will be organized as necessary in the second half of 2024

Except the three sessions of the Administrative Committee (WP.29/AC.2) (without interpretation), all sessions are PUBLIC

The sessions scheduled "p.m./a.m." will begin in the afternoon, at 2.30 p.m. on the indicated date and are expected to last to 12.30 p.m. on the indicated date.

The sessions scheduled "p.m./p.m." will begin in the afternoon, at 2.30 p.m. on the indicated date and are expected to last to 5.30 p.m. on the indicated date.

The sessions scheduled "a.m./p.m." start at 9.30 a.m. on the indicated date and are expected to last to 5.30 p.m. on the indicated date.

The sessions of the World Forum (WP.29) begin at 10.30 a.m. (the first day only). During the WP.29 sessions, the Administrative Committee of the 1958 Agreement (AC.1) will hold its sessions usually on Wednesday, sessions of the Executive Committee of the 1998 Agreement

(AC.3) are expected to be held on Wednesday afternoon, and sessions of the Administrative Committee of 1997 Agreement (AC.4) would be held on Wednesday immediately following the AC.1, if necessary.



## Annex IV

[English only]

**Draft calendar of WP.29 sessions for 2025**

(Changes can be expected.)

Month	Meeting (title and session No.)	Dates proposed	Schedule	Half-days	Interpretation	12 weeks deadline	Delegates
JANUARY	Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (20 <sup>th</sup> session)	20-24	p.m./a.m.	8	Yes	28/10/24	150
FEBRUARY	Working Party on Noise and Tyres (GRBP) (79 <sup>th</sup> session)	18-21	p.m./a.m.	6	Yes	26/11/24	120
MARCH	Administrative Committee for the Coordination of Work (WP.29/AC.2) (147 <sup>th</sup> session)	3	a.m./p.m.	2*	No		35
MARCH	World Forum for Harmonization of Vehicle Regulations (WP.29) (195 <sup>th</sup> ); Admin. Committee of the 1958 Agreement (AC.1: 89 <sup>th</sup> session); Executive Committee of the 1998 Agreement (AC.3: 72 <sup>nd</sup> session); Admin. Committee of the 1997 Agreement (AC.4: 15 <sup>th</sup> session)	4-7 (5 5-6)	a.m./a.m. (p.m. p.m./p.m.)	7	Yes	10/12/24	160
MARCH	Working Party on Pollution and Energy (GRPE) (92 <sup>nd</sup> session)	25-28	p.m./a.m.	6	Yes	31/12/24	150
APRIL	Working Party on General Safety Provisions (GRSG) (129 <sup>th</sup> session)	7-11	p.m./a.m.	8	Yes	13/01/25	120
APRIL	Working Party on Lighting and Light-Signalling (GRE) (92 <sup>nd</sup> session)	22-25	a.m./p.m.	8	Yes	28/01/25	120
MAY	Working Party on Passive Safety (GRSP) (77 <sup>th</sup> session)	5-9	p.m./a.m.	8	Yes	10/02/25	120
MAY	Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (22 <sup>nd</sup> session) <b>in Bangkok, thc</b>	19-23	p.m./am.	8	Yes	24/02/25	150
JUNE	Administrative Committee for the Coordination of Work (WP.29/AC.2) (148 <sup>th</sup> session)	23	a.m./p.m.	2*	No		35
JUNE	World Forum for Harmonization of Vehicle Regulations (WP.29) (196 <sup>th</sup> session); Admin. Committee of the 1958 Agreement (AC.1: 90 <sup>th</sup> session); Executive Committee of the 1998 Agreement (AC.3: 73 <sup>rd</sup> session); Admin. Committee of the 1997 Agreement (AC.4: 16 <sup>th</sup> session)	24-27  (25 25-26)	a.m./a.m.  (p.m. p.m./p.m.)	7	Yes	01/04/25	160
SEPTEMBER	Working Party on Noise and Tyres (GRBP) (82 <sup>nd</sup> session)	3-5	a.m./p.m.	6	Yes	11/06/25	120
SEPTEMBER	Working Party on Automated/Autonomous and Connected Vehicles (GRVA) (22 <sup>nd</sup> session)	23-26	p.m./a.m.	8	Yes	01/07/25	150
OCTOBER	Working Party on General Safety Provisions (GRSG) (130 <sup>th</sup> session)	6-10	p.m./a.m.	9	Yes	14/07/25	120
OCTOBER	Working Party on Pollution and Energy (GRPE) (93 <sup>rd</sup> session)	14-17	p.m./a.m.	6	Yes	22/07/25	150
OCTOBER	Working Party on Lighting and Light-Signalling (GRE) (93 <sup>rd</sup> session)	21-24	a.m./a.m.	7	Yes	29/07/25	120
NOVEMBER	Administrative Committee for the Coordination of Work (WP.29/AC.2) (146 <sup>th</sup> session)	17	a.m./p.m.	2*	No		35
NOVEMBER	World Forum for Harmonization of Vehicle Regulations (WP.29) (197 <sup>th</sup> session); Admin. Committee of the 1958 Agreement (AC.1: 91 <sup>st</sup> session); Executive Committee of the 1998 Agreement (AC.3: 74 <sup>th</sup> session); Admin. Committee of the 1997 Agreement (AC.4: 17 <sup>th</sup> session)	18-21 (19 19-20)	a.m./a.m. (a.m. p.m./p.m.)	7	Yes	26/08/25	160
DECEMBER	Working Party on Passive Safety (GRSP) (78 <sup>th</sup> session)	1-5	p.m./a.m.	8	Yes	08/09/25	120
	Half-day quota requested in 2025 budget: <b>121</b>	<b>TOTAL: 117 half days</b> <b>= 58,5days</b>					

\*) Meeting without interpretation

Except the three sessions of the Administrative Committee (WP.29/AC.2) (without interpretation), all sessions are PUBLIC

The sessions scheduled "p.m./a.m." will begin in the afternoon, at 2.30 p.m. on the indicated date and are expected to last to 12.30 p.m. on the indicated date.

The sessions scheduled "p.m./p.m." will begin in the afternoon, at 2.30 p.m. on the indicated date and are expected to last to 5.30 p.m. on the indicated date.

The sessions scheduled "a.m./p.m." start at 9.30 a.m. on the indicated date and are expected to last to 5.30 p.m. on the indicated date.

The sessions of the World Forum (WP.29) begin at 10.00 a.m. (the first day only). During the WP.29 sessions, the Administrative Committee of the 1958 Agreement (AC.1) will hold its sessions usually on Wednesday, sessions of the Executive Committee of the 1998 Agreement (AC.3) are expected to be held on Wednesday afternoon, and sessions of the Administrative Committee of 1997 Agreement (AC.4) would be held on Wednesday immediately following the AC.1, if necessary.

## Annex V

[English only]

## Status of the 1998 Agreement of the global registry and of the compendium of candidates\*

### Situation on priorities and proposals to develop UN GTRs as of 27 June 2024

#### GRVA

Item	Informal group (Yes–No)/ Chair & Vice- Chair		Tech. sponsor	Formal proposal (ECE/TRANS/ WP.29/...)	Proposal for a draft UN GTR (ECE/TRANS/WP.29/..)	State of play/Comments
Automated Driving System	Yes		Canada, China, EC, Japan, UK, USA	AC.3/62 (based on 2024/38)	[...]	<p>WP.29 agreed that both a UN GTR and a UN Regulation on ADS should be developed.</p> <p>AC.3 approved the request for authorization to draft a new UN GTR on ADS in March 2024.</p> <p>AC.3 endorsed AC.3/62 on 26 June 2024</p>

#### GRSP

Item	Informal group (Yes–No)/ Chair & Vice-Chair		Tech. sponsor	Formal proposal (ECE/TRANS/ WP.29/).../	Proposal for a draft UN GTR (ECE/TRANS/WP.29/..)	State of play/Comments
Phase 2 of UN GTR No. 7 (Head Restraints)	No/UK		Japan	AC.3/25/ Rev.1	GRSP/2021/2	AC.3 at its November 2021 session adopted Addendum 1 to the M.R.1.
Amendment 3 to UN GTR No. 9	Yes/Korea		Republic of Korea		AC.3/45/Rev.1 2018/162 (ToR)  [ECE/TRANS/180/ Add.9/Amend. 3][ECE/TRANS/180 /Add.9/Amend.3/ App. 1]	AC.3 established Amendment 3 at its June 2024 session.
Phase 2 of UN GTR No. 13 (HFCV)	Yes/USA/ Japan & China/ Korea		USA Japan China Korea		ECE/TRANS/ 180/Add.13/ Amend.1  ECE/TRANS/ 180/Add.13/ Amend.1/ Appendix 1	<p>[ECE/TRANS/180/Add.13/Corr .1]</p> <p>AC.3 established Corrigendum 1 to Amendment 1 to UN GTR No.13 at its June 2024 session</p>

\* Information on the contracting parties (39), the Global Registry and the Compendium of Candidates are in document ECE/TRANS/WP.29/1073/Rev.39.

Item	Informal group (Yes–No)/ Chair & Vice-Chair		Tech. sponsor	Formal proposal (ECE/TRANS/ WP.29/...)/		Proposal for a draft UN GTR (ECE/TRANS/WP.29/..)	State of play/Comments
							[ECE/TRANS/ 180/Add.13/A mend.1/Corr. 1]
UN GTR No. 14 (PSI)	No/	Australia		AC.3/28			No new information was provided.
UN GTR No. 20 (EVS)	Yes/USA & EU, China	Yes/USA & EU, China		AC.3/32	n.a.		WP.29/AC.3 at its March 2024 session agreed to extend the mandate of the IWG until March 2025
[...]	Yes Equitable protection of occupants	Sweden		n.a.	n.a.		WP.29/AC.3 agreed to establish an IWG with mandate expiration December 2027.
[...]	Yes Children left in vehicles	Australia Rep. of Korea		n.a.	n.a.		WP.29/AC.3 agreed to establish an IWG awaiting the adoption of the ToR of the group.

## GRPE

Item	Informal group (Yes–No)/ Chair & Vice-Chair		Tech. sponsor	Formal proposal (ECE/TRANS/ WP.29/...)/		Proposal for a draft UN GTR (ECE/TRANS/WP.29/..)	State of play/Comments
Amend. 5 to UN GTR No. 2 (WMTC)	Yes/European Union (EPPR)	European Union		AC.3/36/ Rev.1 (based on 2015/113)			Adopted by AC.3 at its June 2022 session.
Amend. 4 to UN GTR No. 4 (WHTC)	No	Japan		AC.3/20 (based on 2007/42)			AC.3 adopted Amend. 4 at its June 2021 session.
Amend. 6 to UN GTR No. 15 (WLTP)	Yes/ Netherlands (WLTP)	European Union/ Japan		AC.3/44 (based on 2016/73)			AC.3 adopted during the November 2020 session.
Amend. 1 to UN GTR No. 18 (OBD for L-cat)	Yes/European Union (EPPR)	European Union		AC.3/36/ Rev.1 (based on 2015/113)			AC.3 adopted during the November 2020 session.
Amend 3 to UN GTR No. 19 (WLTP EVAP)	Yes Netherlands (WLTP)	European Union/ Japan		AC.3/44 (based on 2016/73)			AC.3 adopted the Amend. 3 at its June 2020 session
Amend. 1 to UN GTR No. 21 on the Determination of Electrified Vehicle Power (DEVV)	Yes/USA/ China/ Japan	Canada/ China/European Union/ Japan/USA		AC.3/53/ Rev.1	2024/79		AC.3 adopted the Amend. 1 at its June 2024 session.

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS/ WP.29/...)/</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/...)</i>	<i>State of play/Comments</i>
Amend. 1 to UN GTR No. 22 on in-vehicle battery durability	Yes/USA/China/ Japan	Canada/China/European Union/ Japan/USA	AC.3/57	2024/81	AC.3 adopted the Amend. 1 at its June 2024 session.
UN GTR No. 23 on durability of after treatment devices for two- and three-wheeled motor vehicles	Yes/ Netherlands / South Africa	Netherlands/South Africa	AC.3/58		Adopted by AC.3 at its June 2022 session.
Amend. 1 to UN GTR No. 24 on particulate brake emissions	Yes/EU	European Union/ Japan/UK	AC.3/59	2024/83	AC.3 adopted the Amend. 1 at its June 2024 session.
UN GTR No. [XX] on in vehicle battery durability for electrified heavy-duty vehicles	Yes/ USA/EU China/Japan	Canada, China, Japan, UK, USA, EC	AC.3/60		AC.3 authorized new UN GTR at June 2023 session.
UN GTR No. [XX] on Global Real Driving Emissions (RDE)	Yes/European Union/ Japan/ Rep. of Korea	European Union/ Japan/ Rep. of Korea	AC.3/54/ Rev.2		AC.3 adopted revised authorization during June 2023 session. Activities are on hold.

## GRBP

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS/ WP.29/...)/</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/...)</i>	<i>State of play/Comments</i>
Quiet Road Transport Vehicle	Yes/USA/ Japan	European Union/Japan/ USA	AC.3/33 (Including ToR)		AC.3 expects a progress report of the IWG on QRTV

## GRSG

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS/ WP.29/...)/</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/...)</i>	<i>State of play/Comments</i>
EDR (common performance requirements for EDR suitable for	Yes/ Netherlands, Japan, USA	n.a.	2023/88	n.a.	AC.3 agreed at its March 2024 session to withdraw 2023/88. AC.3 agreed to remove

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS/ Proposal for a draft UN GTR WP.29/...)/ (ECE/TRANS/WP.29/...)</i>	<i>State of play/Comments</i>
both 1958 and 1998 Agreements)				this item from its agenda at its June 2024 session.

### Subjects for exchange of views

<i>Working Party</i>	<i>Item</i>	<i>Inf. group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal ECE/TRANS/WP.29/...</i>	<i>State of play.</i>
GRSP	Children Left in Vehicles	<i>Yes</i> Australia Australia China and Republic of Korea Vice- Chairs	Australia, China and Republic of Korea	---	GRSP adopted the Tor of the IWG at its May 2024 session.
GRSG	EDR	<i>Yes</i>	No	---	AC.3 agreed to remove this item from its agenda at its June 2024 session.
WP.29	ITS	<i>No</i>	---	---	No new information was provided to AC.3.

## Annex VI

### Adopted amendment to ECE/TRANS/WP.29/2024/34/Rev.1.

(Based on WP.29-193-20 as amended below)

#### “Considerations on Artificial Intelligence in the context of road vehicles

The Contracting Parties to the 1958, 1997 and the 1998 Agreements, participating in the World Forum for Harmonization of Vehicle Regulations...

...*Have agreed* on the following considerations in relation to using AI-based algorithms within their automotive products:

##### Software

1. ...

##### Software update

2. This consideration document applies to certification requirements and Conformity of Production. Any software update due to online learning, as defined below, coming directly out of AI functionality, including AI based algorithms and software updates issued by manufacturers, suppliers and AI developers, which will significantly modify already certified functions according to the recommendations on uniform provisions concerning cyber security and software updates without resuming the relevant certification procedure, shall not be permitted.

3. Considerations must be given that after having trained an AI-system which is incorporated in the software it should be validated by authorised parties and or certification processes and assessed with regards to safety, security and environmental performance, and other relevant requirements. Non-Certified systems containing AI, shall not influence certified systems in a way it harms the certification. Following that process, the validated software may be deployed in vehicles of a vehicle type.

##### Data to be used for AI based system development

...”

(Note: the annexes in ECE/TRANS/WP.29/2024/34/Rev.1 were adopted without modifications.)

---