



Economic Commission for Europe
Inland Transport Committee**World Forum for Harmonization of Vehicle Regulations****Working Party on Noise and Tyres****Seventy-sixth session**

Geneva, 5–7 September 2022

**Report of the Working Party on Noise and Tyres
 on its Seventy-Sixth Session**
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I. Attendance

1. The Working Party on Noise and Tyres (GRBP) held its seventy-sixth session from 5 to 7 September 2022 in Geneva.¹ The meeting was chaired by Mr. S. Ficheux (France). Experts from the following countries participated in the work following Rule 1(a) of the Rules of Procedure of the World Forum for Harmonization of Vehicle Regulations (WP.29) (TRANS/WP.29/690/Rev.2): Australia, Austria, Bulgaria, Canada, China, Cyprus, Czechia, Estonia, Finland, France, Germany, Hungary, India, Italy, Japan, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of Korea, Romania, Russian Federation, Slovakia, South Africa, Spain, Sweden, Switzerland, Ukraine, United Kingdom of Great Britain and Northern Ireland, and United States of America. Experts from the European Union participated. Experts from the following non-governmental organizations also participated: Bureau International Permanent des Associations de Vendeurs et Rechapeurs de pneumatiques (BIPAVÉR), International Motor Vehicle Inspection Committee (CITA), European Garage Equipment Association (EGEA), European Tyre and Rim Technical Organization (ETRTO), Federation of European Motorcyclists' Associations (FEMA), International Motorcycle Manufacturers Association (IMMA), International Organization for Standardization (ISO), Imported Tyre Manufacturers Association (ITMA), International Organization of Motor Vehicle Manufacturers (OICA).

II. Adoption of the agenda (agenda item 1)

Documentation: ECE/TRANS/WP.29/GRBP/2022/10, Informal documents GRBP-76-01, GRBP-76-20, GRBP-76-28-Rev.1

2. GRBP considered and adopted the agenda (ECE/TRANS/WP.29/GRBP/2022/10, as amended by GRBP-76-01). GRBP noted the running order proposed by the Chair (GRBP-76-20 and GRBP-76-28-Rev.1). The informal documents are listed in annex I. The GRBP informal groups are listed in annex III.

III. UN Regulation No. 51 (Noise of M and N categories of vehicles) (agenda item 2)

Documentation: ECE/TRANS/WP.29/GRBP/2022/9/Rev.1, ECE/TRANS/WP.29/GRBP/2022/13, ECE/TRANS/WP.29/GRBP/2022/16, Informal documents GRBP-76-08, GRBP-76-09, GRBP-76-10, GRBP-76-11, GRBP-76-14, GRBP-76-15-Rev.1, GRBP-76-29

3. GRBP noted the activities of the Informal Working Group on Measurement Uncertainties (IWG MU) (GRBP-76-08) and considered their proposal that aimed to reduce variability (ECE/TRANS/WP.29/GRBP/2022/16 and GRBP-76-09). GRBP adopted the proposal, as amended by GRBP-76-09, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and the Administrative Committee of the 1958 Agreement (AC.1) as draft Supplement 8 to the 03 series of amendments to UN Regulation No. 51.

4. The expert of IWG MU presented a revised document of reference on measurement uncertainties (ECE/TRANS/WP.29/GRBP/2022/9/Rev.1). GRBP adopted the revised document, as amended by GRBP-76-11, and requested the secretariat to publish it on the GRBP website for reference documents.

5. GRBP took note that, at the June 2022 session of WP.29, IWG MU had delivered a presentation on the general approach of how to handle measurement uncertainties in UN Regulations.

¹ The meeting was conducted in a hybrid format.

6. The expert from ISO proposed to bring the latest ISO 10844:2021 standard test surface into UN Regulation No. 51 (ECE/TRANS/WP.29/GRBP/2022/13). GRBP adopted this proposal and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of draft Supplement 8 to the 03 series of amendments to UN Regulation No. 51.

7. The expert from OICA raised a number of practical questions on collecting and analysing test data for the Real Driving Additional Sound Emission Provisions (RD ASEP) (GRBP-76-10). GRBP invited contracting parties applying UN Regulation No. 51 to prepare proposals on this issue and agreed to revert to it at the next session.

8. The expert of the Task Force on Vehicle Sound (TF VS) reported on their activities (GRBP-76-15-Rev.1).

9. The expert from OICA presented a comparison between two recent studies on the limits of sound levels of M- and N-category vehicles (GRBP-76-14). GRBP invited TF VS to discuss this topic at its forthcoming meeting in September 2022.

10. The expert from China reported on their research on measurement methods for passenger vehicles and trucks in multiple driving mode conditions and to characterize the current situation and possible developments (GRBP-76-29). GRBP invited TF VS to consider this study as well.

IV. UN Regulation No. 138 (Quiet road transport vehicles) (agenda item 3)

Documentation: ECE/TRANS/WP.29/GRBP/2022/15, Informal document GRBP-76-16

11. The expert from ISO proposed to bring the latest ISO 10844:2021 standard test surface into UN Regulation No. 138 (ECE/TRANS/WP.29/GRBP/2022/15). GRBP adopted the proposal and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 3 to the 01 series of amendments to UN Regulation No. 138.

12. GRBP was informed about the activities of the newly created Task Force on Quiet Road Transport Vehicles (TF QRTV) (GRBP-76-16).

V. Tyres (agenda item 4)

A. UN Regulation No. 30 (Tyres for passenger cars and their trailers)

Documentation: ECE/TRANS/WP.29/GRBP/2022/21, Informal document GRBP-76-04

13. Based on a study (GRBP-76-04), the expert from ETRTO proposed a new definition for "radial tyre" (ECE/TRANS/WP.29/GRBP/2022/21). The proposal also addressed other issues, such as the definition of snow tyres, requirements for special use tyres of class C1, addition of an optional prefix for extra load tyres, a clarification on the description of the load/speed test for run flat/extended mobility tyres and editorial corrections.

14. GRBP adopted ECE/TRANS/WP.29/GRBP/2022/21 and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 25 to the 02 series of amendments to UN Regulation No. 30.

B. UN Regulation No. 109 (Retreaded tyres for commercial vehicles and their trailers)

Documentation: Informal document GRBP-76-03

15. On behalf of a group of interested experts, the expert from ETRTO reported on their activities concerning type approval of three Peak Mountain SnowFlake (3PMSF) materials according to UN Regulation No. 109 (GRBP-76-03). GRBP noted that the group planned to submit an official document to the seventy-eighth session of GRBP.

C. UN Regulation No. 117 (Tyre rolling resistance, rolling noise and wet grip)

Documentation: ECE/TRANS/WP.29/GRBP/2022/12,
ECE/TRANS/WP.29/GRBP/2022/14,
ECE/TRANS/WP.29/GRBP/2022/17,
ECE/TRANS/WP.29/GRBP/2022/18,
ECE/TRANS/WP.29/GRBP/2022/19,
ECE/TRANS/WP.29/GRBP/2022/20,
ECE/TRANS/WP.29/GRBP/2022/22,
ECE/TRANS/WP.29/GRBP/2022/23,
Informal documents GRBP-76-02, GRBP-76-05, GRBP-76-06, GRBP-76-17, GRBP-76-18, GRBP-76-21, GRBP-76-22, GRBP-76-23, GRBP-76-24-Rev.1, GRBP-76-31, GRBP-76-32, GRBP-76-33-Rev.1, GRBP-76-34, GRBP-76-35, GRBP-76-38

16. The experts from the European Commission introduced a new 04 series of amendments to UN Regulation No. 117 (ECE/TRANS/WP.29/GRBP/2022/12). The expert from ETRTO proposed further modifications (GRBP-76-23 and GRBP-76-32). GRBP adopted ECE/TRANS/WP.29/GRBP/2022/12, as amended by GRBP-76-23 and GRBP-76-32, subject to the removal of the square brackets, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as the draft new 04 series of amendments to UN Regulation No. 117.

17. GRBP noted that the experts from Japan decided to withdraw GRBP-76-17 and GRBP-76-18 at this stage.

18. The expert from ISO proposed that the latest ISO 10844:2021 standard test surface be brought into UN Regulation No. 117 (ECE/TRANS/WP.29/GRBP/2022/14). The expert from ETRTO tabled additional modifications (GRBP-76-35). GRBP adopted ECE/TRANS/WP.29/GRBP/2022/14, as amended by GRBP-76-35, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 15 to the 02 series of amendments to UN Regulation No. 117.

19. GRBP noted the activities of the Informal Working Group on Wet Grip Performance of Tyres in Worn State (IWG WGWT) (GRBP-76-06).

20. The expert of IWG WGWT presented their proposals for the moulded standard reference test tyre and wet grip of C2, C3, and some clusters of C1 tyres in a worn state (ECE/TRANS/WP.29/GRBP/2022/22, ECE/TRANS/WP.29/GRBP/2022/23, GRBP-76-02 and GRBP-76-05). The expert from ETRTO introduced additional amendments (GRBP-76-24-Rev.1, GRBP-76-33-Rev.1 and GRBP-76-34).

21. GRBP adopted ECE/TRANS/WP.29/GRBP/2022/22, as amended by GRBP-76-05 and GRBP-76-34, subject to the removal of the square brackets, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 1 to the 03 series of amendments to UN Regulation No. 117.

22. GRBP adopted ECE/TRANS/WP.29/GRBP/2022/23, as amended by GRBP-76-02, GRBP-76-33-Rev.1, and GRBP-76-24-Rev.1, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of the draft new 04 series of amendments to UN Regulation No. 117.

23. The expert from ETRTO introduced an amendment proposal on a "traction tyre" (ECE/TRANS/WP.29/GRBP/2022/17). GRBP adopted the proposal, as amended by GRBP-76-31, and requested the secretariat to submit it for consideration and vote at the March 2023

sessions of WP.29 and AC.1 as part of the draft new 04 series of amendments to UN Regulation No. 117.

24. The experts from ETRTO tabled proposals which aimed to introduce provisions for type approval of special use tyres that fulfil the requirements for snow performance (ECE/TRANS/WP.29/GRBP/2022/18 and ECE/TRANS/WP.29/GRBP/2022/19).

25. GRBP adopted ECE/TRANS/WP.29/GRBP/2022/19, as amended by GRBP-76-21, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of draft Supplement 15 to the 02 series of amendments to UN Regulation No. 117.

26. GRBP adopted ECE/TRANS/WP.29/GRBP/2022/18 and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of draft Supplement 1 to the 03 series of amendments to UN Regulation No. 117.

27. The expert from ETRTO proposed editorial corrections (ECE/TRANS/WP.29/GRBP/2022/20). GRBP adopted this proposal, as amended by GRBP-76-22, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of draft Supplement 15 to the 02 series of amendments to UN Regulation No. 117.

28. GRBP noted that all above amendments to the 03 series of amendments to UN Regulation No. 117, i.e. draft Supplement 1 to the 03 series, should also be included into the draft new 04 series of amendments to UN Regulation No. 117.

29. To facilitate consolidation of amendment proposals according to their series of amendments of UN Regulation No. 117, the expert from ETRTO prepared a summary of all relevant official and informal documents (GRBP-76-38). In this context, GRBP expressed a general concern about the late arrival of a large number of informal documents, impeding their proper consideration by experts from contracting parties.

30. GRBP noted that the consolidated amendment proposals to the 02, 03 and 04 series of amendments of UN Regulation No. 117 would be prepared in December 2022 and submitted to the March 2023 sessions of WP.29 and AC.1. In the interim, GRBP agreed to check these consolidated documents for errors at its next session in February 2023.

D. UN Regulation No. [164] (Studded tyres)

Documentation: ECE/TRANS/WP.29/GRBP/2022/11,
Informal document GRBP-76-13

31. On behalf of the Task Force on Studded Tyres (TF ST), the expert from Finland reported on their activities (GRBP-76-13) and introduced a proposal that included prescriptions for ice grip performance of tyres of class C1 into UN Regulation No. [164] (ECE/TRANS/WP.29/GRBP/2022/11). GRBP adopted the proposal and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 1 to UN Regulation No. [164].

VI. Draft UN Regulation on reverse warning sound (agenda item 5)

Documentation: ECE/TRANS/WP.29/GRBP/2022/24,
Informal document GRBP-76-07-Rev.1

32. The expert from the United Kingdom proposed to extend the installation of a pause function to situations where national time-based restrictions apply, irrespective of a rear visibility device being fitted (ECE/TRANS/WP.29/GRBP/2022/24 and GRBP-76-07-Rev.1). The experts from France, Germany, Japan, Russian Federation and OICA commented on the proposal. GRBP invited the expert from the United Kingdom to liaise with these experts with the aim to prepare a revised proposal for consideration at the next session.

VII. Exchange of information on national and international requirements on noise levels (agenda item 6)

Documentation: Informal documents GRBP-76-25, GRBP-76-26

33. The experts from the project on Strengthening the Effect of quieter tyres on European Roads (STEER) and from the Belgian Road Research Centre reported on uncertainty and improving the tyre noise label of the European Union (GRBP-76-26 and GRBP-76-25, respectively). GRBP invited IWG MU to address the findings of these studies.

VIII. Proposal for amendments to the Consolidated Resolution on the Construction of Vehicles (agenda item 7)

34. No proposals were considered under this agenda item.

IX. Development of the International Whole Vehicle Type Approval system (agenda item 8)

35. No new information was provided.

X. Highlights of the recent sessions of the World Forum for Harmonization of Vehicle Regulations (agenda item 9)

Documentation: Informal document GRBP-76-19

36. GRBP took note of the highlights of the March and June 2022 sessions of WP.29 on GRBP and common issues (GRBP-76-19).

XI. Exchange of views on the future work of the Working Party on Noise and Tyres (agenda item 10)

Documentation: Informal document GRBP-76-36

37. The Chair briefly introduced a revised list of priorities (GRBP-76-36). GRBP took note of this document and invited experts to prepare comments for consideration at a separate online meeting that would be convened by the Chair in September or October 2022.

XII. Other business (agenda item 11)

Documentation: Informal documents GRBP-76-12, GRBP-76-27, GRBP-76-30, GRBP-76-37, GRBP-76-39-Rev.1

38. The expert from the Informal Working Group on the Electronic Database for the Exchange of Type Approval Documentation (IWG DETA) introduced a proposal for the extension of DETA with the aim to improve the use of the "Unique Identifier" (UI) in UN Regulations (GRBP-76-12). For the UN Regulations in the GRBP purview, he invited GRBP to:

- Consider whether the approval markings may be replaced by a UI marking.
- If so, determine which additional markings for consumers should remain on the products.
- Based on a harmonized template that is to be developed, specify the content for a Summary Document in a Supplement to each UN Regulation for which the use of UI is not prohibited.

39. The Chair proposed a list of UN Regulations for which the use of UI should be prohibited (GRBP-76-30). Following an exchange of views, GRBP agreed that the use of UI in the context of GRBP UN Regulations would not bring additional benefits at this stage and requested the Chair to convey this position to WP.29 and IWG DETA. The expert from Switzerland reserved their position on this matter.

40. The Chair invited volunteers to review the UN Regulations under the responsibility of GRBP with the aim to identify amendments to driver-related functions, which might be necessary for applying these UN Regulations in the context of automated/autonomous vehicles. Subject to further confirmation, the expert from the Netherlands provisionally expressed his interest in undertaking this activity.

41. The expert from Germany reported on the 2021 national campaign on noise emissions (GRBP-76-27) during which the Federal Motor Transport Authority (KBA) had tested various passenger cars (M1) and motorcycles (L3e) for their noise emissions in their original condition, as well as with a replacement silencing system available on the market. According to the German expert, the results had demonstrated the need to strengthen market surveillance of replacement silencers. The experts from IMMA pointed out that the industry was also tackling this issue.

42. On behalf of the Task Force on Tyre Abrasion (TF TA), the expert from France presented a progress report (GRBP-76-37). The expert from Japan expressed their interest in the TF TA activities.

43. Based on GRBP-76-39-Rev.1, GRBP adopted a list of main decisions (annex II) in accordance with silence procedure.

XIII. Provisional agenda for the next session (agenda item 12)

44. For its seventy-seventh session, scheduled to be held in Geneva from 7 (p.m.) to 10 (a.m.) February 2023, GRBP decided to keep the same structure for the provisional agenda. GRBP noted that the deadline for the submission of official documents to the secretariat would be 14 November 2022, twelve weeks prior to the session.

XIV. Election of officers (agenda item 13)

Documentation: ECE/TRANS/WP.29/690/Rev.2, E/ECE/778/Rev.5, Informal document WP.29-187-18

45. GRBP was informed about the guidance of WP.29 and the Administrative Committee for Coordination of Work (AC.1) on nomination and election of Chairs and Vice-Chairs under the current situation (WP.29-187-18).

46. In compliance with Rule 37 of the WP.29 Rules of Procedure (ECE/TRANS/WP.29/690/Rev.2) and Rule 42 of the ECE Rules of Procedure (E/ECE/778/Rev.5), GRBP elected by acclamation Mr. S. Ficheux (France) as Chair for the year 2023.

47. In the absence of agreement on the position of Vice-Chair for 2023, GRBP proceeded with the election among the two nominated candidates, Mr. A. Bocharov (Russian Federation) and Mr. B. Schüttler (Germany). A vote was taken by secret ballot and in compliance with Rules 1, 21, 24 to 26 and 37 of the WP.29 Rules of Procedure (ECE/TRANS/WP.29/690/Rev.2) as well as with Rules 27 and 42 of the ECE Rules of Procedure (E/ECE/778/Rev.5):

Number of ballot papers: 35

Number of invalid ballots: 0

Number of valid ballots: 35

Number of abstentions: 0

Number of participants (member States) present and voting: 35

Required majority: 18

Number of votes obtained:

Mr. A. Bocharov (Russian Federation): 1

Mr. B. Schüttler (Germany): 34

48. Having obtained the required majority and the larger number of votes, Mr. Bernd Schüttler (Germany) was elected Vice-Chair for the year 2023.

Annex I

List of informal documents (GRBP-76-...) distributed during the session

<i>Symbol</i>	<i>Transmitted by</i>	<i>Agenda item</i>	<i>Title</i>	<i>Follow-up</i>
1	Secretariat	1	Updated provisional agenda	a
2	IWG WGWT	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/23	d
3	Group of interested experts	4 (b)	UN Regulation No. 109: Type approval of 3PMSF material	a
4	ETRTO	4 (a)	Study on the new radial definition proposal	a
5	IWG WGWT	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/22	d
6	IWG WGWT	4 (c)	Status report	a
7-Rev.1	United Kingdom	5	Proposal on the Reverse Warning UN Regulation	b
8	IWG MU	2	Status report	a
9	IWG MU	2	Amendment to ECE/TRANS/WP.29/GRBP/2022/16	d
10	OICA	2	Questions to GRBP according to ECE/TRANS/WP.29/GRBP/2022/4 and GRBP-75-37 (monitoring phase of RD-ASEP from 1 July 2023)	c
11	IWG MU	2	Proposal for an amendment to the Document for Reference (ECE/TRANS/WP.29/GRBP/2022/9/Rev.1)	a
12	IWG DETA	11	Proposal for extension of DETA to improve the use of the Unique Identifier for UN Regulations	a
13	TF ST	4 (d)	Status report	a
14	OICA	2	Comparison of studies on sound limit values for vehicles of categories M and N	c
15-Rev.1	TF VS	2	Status report	a
16	TF QRTV	3	Status report	a
17	Japan	4 (c)	Amendments to ECE/TRANS/WP.29/GRBP/2022/12	e
18	Japan	4 (c)	Proposal for ECE/TRANS/WP.29/GRBP/2022/12	e
19	Secretariat	9	General information and WP.29 highlights	a
20	Chair	1	Running order	a
21	ETRTO	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/19	d
22	ETRTO	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/20	d
23	ETRTO	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/12	d
24-Rev.1	ETRTO	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/23	d
25	Project STEER	6	Improving the EU Tyre Noise Label: an overview of the key findings	c
26	Belgian Road Research Centre	6	Uncertainty on the EU Tyre (Noise) Label	c
27	Germany	11	Campaign on noise emissions 2021	a
28-Rev.1	Chair	1	Detailed running order and tentative timetable	a
29	China	2	Research on Measurement Methods in Multiple Driving Mode Conditions	c
30	Chair	11	Unique Identifier and UN Regulations under the purview of GRBP	a
31	ETRTO	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/17	d
32	ETRTO	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/12	d

<i>Symbol</i>	<i>Transmitted by</i>	<i>Agenda item</i>	<i>Title</i>	<i>Follow-up</i>
33-Rev.1	ETRTO	4 (c)	Proposal to amend documents ECE/TRANS/WP.29/GRBP/2022/23 and GRBP-76-02	d
34	ETRTO	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/22	d
35	ETRTO	4 (c)	Proposal to amend ECE/TRANS/WP.29/GRBP/2022/14	d
36	Chair	10	Updated list of GRBP priorities	c
37	TF TA	11	Status report	a
38	ETRTO	4 (c)	Overview of UN Regulation No.117 documents	a
39-Rev.1	Secretariat	11	Draft list of main decisions	a

Notes:

- a Consideration completed or superseded.
- b Continue consideration at the next session with an official symbol.
- c Continue consideration at the next session as an informal document.
- d Adopted and to be submitted to WP.29.
- e Withdrawn.

Annex II

Decisions adopted under the silence procedure

<i>Decision No.</i>	<i>Agenda Item</i>	<i>Decision</i>
1	1	GRBP adopted the provisional agenda ECE/TRANS/WP.29/GRBP/2022/10 as updated by GRBP-76-01.
2	2	GRBP adopted a revised document of reference on measurement uncertainties (ECE/TRANS/WP.29/GRBP/2022/9/Rev.1, as amended by GRBP-76-11) and requested the secretariat to publish it on the GRBP website.
3	2	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/16, as amended by GRBP-76-09, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 8 to the 03 series of amendments to UN Regulation No. 51.
4	2	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/13 and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of draft Supplement 8 to the 03 series of amendments to UN Regulation No. 51.
5	2	GRBP noted GRBP-76-10 on collecting the RD-ASEP data, invited contracting parties applying UN Regulation No. 51 to prepare proposals and agreed to revert to this issue at the next session.
6	3	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/15 and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 3 to the 01 series of amendments to UN Regulation No. 138.
7	10	GRBP took note of GRBP-76-36 and invited experts to prepare comments for consideration at a separate online meeting that would be convened by the Chair in September or October 2022.
8	5	GRBP considered ECE/TRANS/WP.29/GRBP/2022/24 and GRBP-76-07-Rev.1, noted the comments of several experts and invited the expert from the United Kingdom to liaise with these experts with the aim to prepare a revised proposal for consideration at the next session.
9	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/12 and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as the draft new 04 series of amendments to UN Regulation No. 117.
10	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/23, as amended by GRBP-76-02 and GRBP-76-33-Rev.1, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as the draft new 04 series of amendments to UN Regulation No. 117.
11	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/22, as amended by GRBP-76-05, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 1 to the 03 series of amendments to UN Regulation No. 117.
12	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/14, as amended by GRBP-76-35, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 15 to the 02 series of amendments to UN Regulation No. 117.
13	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/22, as amended by GRBP-76-34, subject to the removal of the square brackets, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of draft Supplement 1 to the 03 series of amendments to UN Regulation No. 117.
14	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/20, as amended by GRBP-76-22, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of draft Supplement 15 to the 02 series of amendments to UN Regulation No. 117.
15	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/19, as amended by GRBP-76-21, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of draft Supplement 15 to the 02 series of amendments to UN Regulation No. 117.

16	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/18 and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of draft Supplement 1 to the 03 series of amendments to UN Regulation No. 117.
17	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/23, as amended by GRBP-76-24-Rev.1 and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of the draft new 04 series of amendments to UN Regulation No. 117.
18	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/12, as amended by GRBP-76-23 and GRBP-76-32, subject to the removal of the square brackets, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of the draft new 04 series of amendments to UN Regulation No. 117.
19	4 (c)	GRBP noted that all above amendments to the 03 series of amendments to UN Regulation No. 117, i.e. draft Supplement 1 to the 03 series, should also be included into the draft new 04 series of amendments to UN Regulation No. 117.
20	4 (a)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/21 and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 25 to the 02 series of amendments to UN Regulation No. 30.
21	4 (c)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/17, as amended by GRBP-76-31, and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as part of the draft new 04 series of amendments to UN Regulation No. 117.
22	4 (c)	GRBP noted that consolidated amendment proposals to the 02, 03 and 04 series of amendments of UN Regulation No. 117 would be prepared in December 2022 and submitted to the March 2023 sessions of WP.29 and AC.1. In the interim, GRBP agreed to check these consolidated documents for errors at its next session in February 2023.
23	4 (d)	GRBP adopted ECE/TRANS/WP.29/GRBP/2022/11 and requested the secretariat to submit it for consideration and vote at the March 2023 sessions of WP.29 and AC.1 as draft Supplement 1 to UN Regulation No. 164.
24	12	GRBP agreed to keep the same structure of the provisional agenda for the next session
25	11	Subject to one reservation, GRBP agreed that the use of UI in the context of GRBP UN Regulations would not bring additional benefits at this stage and requested the Chair to convey this position to WP.29 and IWG DETA.
26	11	GRBP adopted a draft list of main decisions at its 76th session (GRBP-76-39-Rev.1).
27	13	GRBP elected by acclamation Mr. Serge Ficheux (France) as Chair for the year 2023. GRBP elected by secret ballot Mr. Bernd Schüttler (Germany) as Vice-Chair for the year 2023.

Annex III**GRBP informal groups**

<i>Informal group</i>	<i>Chair(s) and Co-Chair(s)</i>	<i>Secretary</i>	<i>Expiry date of the mandate</i>
Quiet Road Transport Vehicles (QRTV) for GTR	Mr. Ezana Wondimneh (USA) Tel: +1 202 366 21 17 Email: Ezana.wondimneh@dot.gov Mr. Ichiro Sakamoto (Japan) Tel:+81 422 41 66 18 Fax:+81 422 76 86 04 Email: i-saka@ntsel.go.jp	Mr. Andreas Vosinis (Directorate General Growth, European Commission) Tel:+ 32 2 2992116 Email: andreas.vosinis@ec.europa.eu	December 2023
Wet Grip performance for Tyres in Worn state (WGWT)	Mrs. Elodie Collot (France) Phone: +33 171 80 17 43 Fax: + 33 1 71 80 17 17 Email: elodie.collot@utacceram.com	Mr. Nicolas de Mahieu (ETRTO) Phone: +32 23 44 40 59 Email: info@etrto.org	January 2024
Measurement Uncertainties (IWG MU)	Mr. Truls Berge (Norway) Tel: + 47 905 72 026 Email: truls.berge@sintef.no	Mr. Klaus Neuhaus (OICA) Tel: + 49 170 911 2186 Email: klaus.neuhaus@porsche.de	September 2023