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### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### Working Party on General Safety Provisions

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## Report of the Working Party on General Safety Provisions on its 122nd session

### Contents

	<i>Paragraphs</i>	<i>Page</i>
I. Attendance.....	1	3
II. Adoption of the agenda (agenda item 1) .....	2-3	3
III. Amendments to regulations on buses and coaches (agenda item 2).....	4-20	3
A. UN Regulation No. 107 (M <sub>2</sub> and M <sub>3</sub> vehicles) .....	5-16	3
B. UN Regulation No. 118 (Burning behaviour of materials).....	17-20	5
IV. Amendments to safety glazing regulations (agenda item 3).....	21-28	5
A. UN Global Technical Regulation No. 6 (Safety glazing) .....	22	5
B. UN Regulation No. 43 (Safety glazing) .....	23-28	5
V. Awareness of the proximity of Vulnerable Road Users (agenda item 4).....	29-51	6
A. UN Regulation No. 46 (Devices for indirect vision) .....	36-41	7
B. UN Regulation No. 151 (Blind Spot Information Systems) .....	42-47	7
C. UN Regulation No. 158 (Reversing motion) .....	48-50	8
D. UN Regulation No. 159 (Moving Off Information Systems) .....	51	8
VI. UN Regulation No. 34 (Prevention of fire risk) (agenda item 5) .....	52-54	8
VII. UN Regulation No. 39 (Speedometer and Odometer) (agenda item 6).....	55-56	9
VIII. UN Regulation No. 55 (Mechanical couplings) (agenda item 7) .....	57-58	9
IX. UN Regulation No. 66 (Strength of superstructure (buses)) (agenda item 8) .....	59-62	9
X. Amendments to gas-fuelled vehicle regulations (agenda item 9).....	63-66	10
A. UN Regulation No. 67 (LPG vehicles) .....	63-64	10
B. UN Regulation No. 110 (CNG and LNG vehicles) .....	65-66	10



XI.	UN Regulation No. 93 (Front underrun protection) (agenda item 10) .....	67-68	10
XII.	Amendments to Devices against Unauthorized Use, Immobilizers and Vehicle Alarm systems regulations (agenda item 11) .....	69-88	10
	A. UN Regulation No. 116 (Anti-theft and alarm systems).....	69-72	10
	B. UN Regulation No. [161] (Devices against Unauthorized Use).....	73-80	11
	C. UN Regulation No. [162] (Immobilizers).....	81-84	12
	D. UN Regulation No. [163] (Vehicle Alarm systems).....	85-88	12
XIII.	UN Regulation No. 121 (Identification of control, tell-tales, and indicators) (agenda item 12).....	89-90	12
XIV.	UN Regulation No. 125 (Forward Field of Vision of Drivers) (agenda item 13) ..	91-100	13
XV.	Event Data Recorder (agenda item 14) .....	101-109	14
	A. Guidance on Event Data Recorder (EDR) Performance Elements Appropriate for Adoption in 1958 and 1998 Agreement Resolutions or Regulations .....	103-105	14
	B. UN Regulation No. 160 (Event Data Recorder (EDR)) .....	106-109	14
XVI.	UN Regulation No. 0 (International Whole Vehicle Type Approval) (agenda item 15).....	110-111	15
XVII.	Consolidated Resolution on the construction of vehicles (R.E.3) (agenda item 16).....	112-115	15
XVIII.	Exchange of Views on Vehicle Automation (agenda item 17) .....	116-117	15
XIX.	Election of Officers (agenda item 18) .....	118	16
XX.	Other business (agenda item 19) .....	119-122	16
	A. Exchange of views on the future Work of the Working Party on General Safety Provisions .....	119	16
	B. Exchange of views on the future work on the Framework Documents on Vehicle Whole-life Compliance .....	120-121	16
	C. Any other business.....	122	16
<b>Annexes</b>			
I.	List of informal documents considered during the session .....		17
II.	GRSG informal working groups .....		19
III.	Decisions adopted under silence procedure .....		20

## I. Attendance

1. The Working Party on General Safety Provisions (GRSG) met for its 122nd session from 12 to 15 October 2021, online, hosted from Geneva. The meeting was chaired by Mr. A. Erario (Italy). Experts from the following countries participated in the work, following Rule 1 of the Rules of Procedure of the World Forum for Harmonization of Vehicle Regulations (WP.29) (ECE/TRANS/WP.29/690/Rev.1): Australia, Belgium, Canada, China, Czech Republic, Denmark, Finland, France, Germany, Hungary, India, Italy, Japan, Netherlands, Norway, Poland, Republic of Korea, Russian Federation, South Africa, Spain, Sweden, Switzerland, United Kingdom of Great Britain and Northern Ireland and United States of America. Experts from the European Commission participated. Experts from non-governmental organizations participated: American Automotive Policy Council (AAPC), International Body and Trailer Building Industry (CLCCR), European Association of Automotive Suppliers (CLEPA), International Motorcycle Manufacturers Association (IMMA), International Organization for Standardization (ISO), Liquid Gas Europe (LGA), International Association for Natural Gas Vehicles (NGV Global), International Organization of Motor Vehicle Manufacturers (OICA), Society of Automotive Engineers (SAE), and World Bicycle Industry Association (WBIA).

## II. Adoption of the agenda (agenda item 1)

*Documentation :* ECE/TRANS/WP.29/GRSG/2021/16

2. GRSG considered and adopted the proposed agenda (ECE/TRANS/WP.29/GRSG/2021/16) for the 122nd session.

3. The informal documents distributed during the session are listed in Annex I to this report. The GRSG informal working groups (IWG) are listed in Annex II and decisions under the silence procedure are listed in Annex III.

## III. Amendments to regulations on buses and coaches (agenda item 2)

4. The expert from France, Chair of the IWG on Behaviour of M<sub>2</sub> and M<sub>3</sub> vehicles' general construction in case of Fire Event (BMFE) introduced document GRSG-122-06, containing an overview of activities of the IWG and the two meetings (15th-16th sessions) held on 10th May and 1st September 2021, the group's activities, their progress of work, and he also stated the IWG currently, does not have any future planned meetings.

### A. UN Regulation No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles)

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/17

Informal documents: GRSG-122-04, GRSG-122-05, GRSG-122-06, GRSG-122-26, GRSG-122-33 and GRSG-122-40

5. The expert from France, Chair of the IWG on BMFE introduced document GRSG-122-05, a proposal for the 10 series of amendment to UN Regulation No. 107, aimed at increasing the safety of M<sub>2</sub> and M<sub>3</sub> vehicles in case of fire by improving their general construction with regard to evacuation time. This proposal amends the working document referenced ECE/TRANS/WP.29/GRSG/2021/17.

6. The expert from Italy appreciated done by IWG on BMFE however, he expressed some reservations regarding the test specifications on the proposal and requested that the tests described in the proposal be more specific. The experts from Germany, Norway, Switzerland, Sweden, and the European Commission indicated their support. The expert from OICA commended the effort from the IWG stating proposal made a good compromise to all Contracting Parties and proposed the text be adopted be revisited in future to improve on the test specification when there are more reference materials to update this proposal.

7. GRSG adopted document ECE/TRANS/WP.29/GRSG/2021/17, as amended by GRSG-122-05, and requested its submission as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.

8. The expert from Germany presented informal documents GRSG-122-23 a proposal for amendments to UN Regulation No. 107 aimed at adding new requirements to service-door light signalling in tramways and railways. Representatives of Switzerland and France expressed concerns on the possibility of sensory overload from lightning for road users because the tramways share the same traffic area as other road users. The representative of Switzerland in conclusion said there seemed to be no real advantage of illuminated doors in tramways and railways. The representative of the United Kingdom also expressed concerns and said there is need to clarify further with colleagues from GRE dealing with lightning matters.

9. GRSG finalized discussions on increasing the safety of M<sub>2</sub> and M<sub>3</sub> occupants with requirements for improving evacuation time, a proposal for amendment to UN Regulation No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles).

10. The secretariat introduced informal document GRSG-122-04 a question from a private stakeholder needed clarification on the current UN Regulation No. 107 regarding electric buses. The stakeholder recalled in UN Regulation No. 107, buses with its power source from electric engines were not considered when referring to fire suppression system (FSS) that has to undergo a mock-up test. This stakeholder's inquiry from GRSG was to know if a bus bodybuilder can get a waiver from a FSS if he is manufacturing electric buses.

11. The experts from Netherlands, Finland and Switzerland all shared similar opinion that UN Regulation No.107 does not establish requirements on Fire suppression systems (FSS) for electric engines. The expert from Switzerland emphasized that the FSS of an electric engine is a completely different system and that UN Regulation No. 100 on Electric power trained vehicles would be a better reference to issues related to the electric engine system. The expert from Canada said issues related to fire on electric vehicles were covered in UN Regulation No. 100 he further explained that issues related to thermal propagation and fire risk associated with electric vehicles are currently handled by the IWG for electric vehicle safety in GRSP and he proposed to present this topic of FSS to the IWG as methods to mitigate fire risk in electric vehicle.

12. The expert from France informed GRSG the element of FSS in electric vehicles was recently discussed at the IWG on BMFE and that thermal propagation on electric vehicles is covered in 03 series of amendment in UN Regulation No. 100. GRSG concluded by referring the private stakeholder to UN Regulation No. 100 regarding FSS on electric buses.

13. The secretariat, representing GRSP presented document GRSP-69-05, an update of the activities of the IWG on Safer Transport of Children in Buses and Coaches (IWG-STCBC) to GRSG. The expert from Germany stated that it would be of great benefit to have the Chair of the IWG on STCBC present this report to GRSG. He also proposed preparation of an informal GRSG document for this presentation and stated his plans to discuss this with the Chair of the IWG on STCBC.

14. The Chair of GRSG invited delegations to report on current activities regarding consideration of specifications on autonomous shuttles with a view of reviewing the applicability of existing requirements or creating new categories of these vehicles. He recalled the presentation from France at the previous session of GRSG and asked if there were updates.

15. The expert from the European Commission informed delegations of the activities of the Commission following the presentation and the work done by France. He said, the work of autonomous shuttles is a subgroup of the motor vehicle working group and the current work of the Commission, is to achieve a European approach. He invited the participation of GRSG experts in the work of autonomous shuttles going on in the Commission, why emphasizing the importance of contributions from GRSG experts in the ongoing work.

16. The Chair of GRSG took note of the update from France regarding the legislative framework for autonomous shuttles and invited national experts to update GRSG on their domestic activities at upcoming GRSG sessions.

## **B. UN Regulation No. 118 (Burning behaviour of materials)**

*Documentation:* Informal document: GRSG-122-40

17. The Chair of GRSG invited the expert from OICA to give her presentation. The expert from OICA recalled that at the 183rd session of WP.29, document ECE/TRANS/WP.29/2021/27 which is a Proposal for the 04 series of amendments to UN Regulation No. 118 (Burning behaviour of materials) was adopted. She further recalled at the document ECE/TRANS/WP.29/GRSG/2021/3 which is a Proposal for Supplement 2 to the 03 series of amendments and Supplement 5 to the 02 series of amendments to UN Regulation No. 118 was adopted at 121st session of GRSG and forwarded to the 185th session of WP.29 for voting. The expert from OICA clarified from GRSG if the supplement to the 02 and 05 series of amendment of UN Regulation No. 118 would be added to the 04 series of amendment assuming it is adopted by WP.29.

18. The secretariat explained, that if the 04 series of amendments have been entered into force, while the 02 and 03 series of amendment are yet to be adopted by WP.29, then an informal document will need to be submitted by OICA at the ongoing session (122nd) GRSG. He further explained that this informal document can be reviewed as a formal document at the 123rd session of GRSG provided the 02 and 03 series are adopted at the 185th session of WP.29.

19. The expert from OICA presented document GRSG-122-40, Proposal for Supplement 1 to the 04 series of amendments to UN Regulation No. 118 (Burning behaviour of materials).

20. GRSG adopted GRSG-122-40 and requested its submission as a formal document for review in the 123rd session of GRSG in March 2022.

## **IV. Amendments to safety glazing regulations (agenda item 3)**

21. GRSG noted that no proposals were submitted for consideration under this agenda item.

### **A. UN Global Technical Regulation No. 6 (Safety glazing)**

22. GRSG noted that no proposals were submitted for consideration under this agenda item.

### **B. UN Regulation No. 43 (Safety glazing)**

*Documentation:* Informal documents: GRSG-122-07, GRSG-122-07-Rev.1, GRSG-122-09 and GRSG-122-32

23. The expert from France introduced a proposal for amendment of UN Regulation No. 43 (GRSG-122-07-Rev.1) proposing amendment to the text in paragraph 2.5. with the aim to reconstruct the definition “Glass-plastics” within this Regulation. Following this presentation, the expert from OICA expressed slight confusion by the informal document stating the new definition was unclear.

24. GRSG considered document GRSG-122-07-Rev.1 amending UN Regulation No. 43 and requested their submission as an official document for further discussion and consideration at the 123rd, March 2022 session of GRSG.

25. The expert from France presented the document GRSG-122-32, a suggestion for amendment of UN Regulation No. 43. The expert from Netherlands indicated his support for the proposal but proposed the experts from France give a more detailed explanation of the amendment.

26. GRSG considered document GRSG-122-32 amending UN Regulation No. 43 and requested its submission as an official document for discussion and consideration at the 123rd, March 2022 session of GRSG.

27. The expert from OICA presented informal document GRSG-122-09, a proposal to amend UN Regulation No. 43. The expert from Japan introduced himself as the representative of the Ministry of Land Infrastructure and Tourism (MLIT) Japan, and informed GRSG that he recently became the head of the Japanese delegation in July of 2021, and this was his first time as a delegate in GRSG. In contribution to the presentation, he proposed the document be reviewed to include other vehicle types such as security vehicles.

28. The Chair of GRSG invited members of delegation to send in contributions to OICA on this document as it is to be reviewed as a formal document in the 123rd of March 2022 session of GRSG.

## **V. Awareness of the proximity of Vulnerable Road Users (agenda item 4)**

*Documentation:* Informal documents: GRSG-122-16, GRSG-122-19, GRSG-122-22, GRSG-122-24 and GRSG-122-25-Rev.1

29. The expert from Japan, on behalf of the IWG on awareness of Vulnerable Road Users proximity in low-speed manoeuvres (VRU-Proxi), introduced GRSG-122-19 (an explanation of document GRSG-122-16) a new regulation proposal on uniform provisions concerning the approval of devices and motor vehicles regarding the driver's awareness of vulnerable road users existing front and lateral side proximity of vehicles. He explained the aim of the proposal, was to combine the effectiveness of various detection systems to mitigate the road traffic fatalities by improving the detection of pedestrians using the different systems.

30. The expert from OICA referring to document GRSG-122-19, said the presentation didn't include data on pedestrian accidents caused by L category vehicles and asked if all pedestrian accidents in Japan only involved M<sub>1</sub> and N<sub>1</sub> vehicles. She also questioned the minimum age of pedestrians in the report, which was pegged at 5 years old stating pedestrians less than 5 years were not included in the report. The expert from Japan explained the focus of his presentation only included pedestrian fatalities caused by L category vehicles. He further explained the reason for the 5 years age limit is pedestrians below this age, are mostly accompanied by adults.

31. GRSG considered GRSG-122-16 and GRSG-122-19 and requested its submission as an official document for the 123rd session of GRSG.

32. The expert from the European Commission, from the IWG on VRU-Proxi presented documents GRSG-122-24 and GRSG-122-25-Rev.1, a proposal for a new UN Regulation on uniform provisions concerning the approval of motor vehicles regarding their direct vision. He explained the scope of this Regulation covers field vision for trucks and buses with an aim to improve direct vision and enhance direct visibility of pedestrians and cyclists by reducing to the greatest extent, the blind spot in front and to the side of the driver.

33. The expert from Germany commended the presentation from the European Commission and supported this proposal. The expert from Sweden expressed concerns on this proposal specifically relating to high-capacity transport vehicles.

34. The expert from OICA made extensive technical contribution to this presentation and proposed changes be made to impact the design of the cabs and highlighted that the proposal should take into consideration future design of cabs and not focus on current design. She emphasized that the text was not design and technology neutral and consideration should be given to other design possibilities and technological advancement. The expert from France supported the design neutral approach proposed by OICA however, he said consideration needs to be given to articles of the general safety Regulation therefor, this item be further discussed and reviewed in the taskforce.

35. The Chair of GRSG acknowledged the feedback and invited other Contracting Parties to study this proposal in-depth with an aim to give timely feedback to the IWG on VRU-Proxi to enable the IWG meet the deadline for submission for 123rd session of GRSG. GRSG considered document GRSG-122-24 and requested it be reviewed and presented as a formal document in the next session of GRSG for further discussion.

## A. UN Regulation No. 46 (Devices for indirect vision)

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/18  
Informal document: GRSG-122-08

36. The expert from OICA introduced document GRSG-122-08, a proposal to amend ECE/TRANS/WP.29/GRSG/2021/18 on UN Regulation No.46. The document was proposing amendments to the text in paragraphs “22.22.”, to introduce new paragraphs “22.23.” and “22.26.” and to renumber existing paragraphs that have been affected by the new addition.

37. The expert from Germany presented a proposal to the 05 series of amendments of UN Regulation No. 46 (ECE/TRANS/WP.29/GRSG/2021/18) aiming to update the existing proposal on general specification requirements by amending and introducing new paragraphs. Following his presentation, The Chair of GRSG inquired from the expert from Germany if he supported the proposal from OICA. The expert from Germany stated his support for the proposal with the exclusion of paragraph “22.26. “

38. The expert from Australia introduced himself as the current representative for GRSG but explained he is a participation in GRSG was new and transitory as plans are in place to have a permanent expert from Australia. He pointed out a typographical error in paragraph 6.2.2.1.2. of the document, GRSG-122-08. He recalled that transitional provision under Article 1 of 1958 Agreement state that Contracting Parties applying a UN Regulation are expected to accept the latest version of the Regulation and asked if these Regulations go contrary to the treaty?

39. The expert from OICA clarified this by informing the expert from Australia that transitional provision is aligned to the guidance of the provisions in document ECE/TRANS/WP.29/2044/Rev.3 and the 1958 Agreement does not require Contracting Parties to apply the latest series of amendment.

40. The experts from OICA, Sweden, Germany, Netherlands engaged in a detailed discussion concerning paragraphs “22.23.” and “22.26.” of document GRSG-122-08 and agreed to exclude paragraph “22.26.” from the informal document GRSG-122-08.

41. GRSG adopted document ECE/TRANS/WP.29/GRSG/2021/18 as amended by GRSG-122-08 (without paragraph 22.26.) and agreed for its submission at the March 2022 sessions of WP.29 and AC.1.

## B. UN Regulation No. 151 on Blind Spot Information Systems (BSIS)

*Documentation:* Informal documents: GRSG-122-18, GRSG-122-20, GRSG-122-26 and GRSG-122-27

42. The expert from Germany, from the IWG on VRU-Proxi, introduced documents GRSG-122-18 and GRSG-122-20, a proposal for amendments to UN Regulation No. 151 (Blind Spot Information Systems). The expert from OICA proposed the documents be reviewed by a native English speaker to ensure the administrative part of the report is free of errors or misinterpretations.

43. The expert from Australia asked if the proposal would require retesting for multiple configurations and if the testing requirements were dependent on the BSIS. The expert from Germany explained the testing proposed is extensive, but the intention is to have limited testing, and this would be reflected in the document upon further review.

44. GRSG considered document GRSG-122-18 and requested its submission as an official document at the 123rd session of GRSG.

45. The expert from CLEPA on behalf of the IWG on VRU-Proxi presented documents GRSG-122-26 and GRSG-122-27, a proposal for supplement to UN Regulation No. 151 (Blind Spot Information System). The expert from Germany supported this proposal and indicated interest to support the work on this document with OICA with an aim to bring the documents GRSG-122-18 and GRSG-122-26 into one formal document.

46. The expert from the Netherlands referring to GRSG-122-26 referring to a text that concerns the exception for auxiliary equipment, stated this exception needs to be reflected on the Type approval document to indicate vehicle making use of the exemption. The colleagues from Finland, CLEPA and Secretariat had an extensive technical discussion regarding some texts in the proposal. The Chair suggested the texts in the proposal be reviewed further before the next session of GRSG.

47. GRSG considered the documents GRSG-122-18 and GRGG-122-26 and requested the expert from IWG on VRU-Proxi and the expert from Germany to produce one formal document for consideration at the 123rd session of GRSG in March 2022.

### **C. UN Regulation No. 158 (Reversing motion)**

*Documentation:* Informal documents: GRSG-122-17 and GRSG-122-39

48. The expert from Japan on behalf of the IWG on VRU-Proxi presented document GRSG-122-17, a proposal for amendments to UN Regulation No. 158.

49. The expert from OICA presented document GRSG-122-39, a proposal to amend UN Regulation No. 158. The experts from the European Commission, Germany and Japan supported this however, the expert from Japan suggested the proposal be used for technical services to define Type Approval.

50. GRSG considered documents GRSG-122-17 and GRSG-122-39, proposals for amendments to UN Regulation No. 159 and requested the secretariat to issue it as an official document for the 123rd session of GRSG.

### **D. UN Regulation No. 159 (Moving Off Information Systems)**

51. GRSG noted that no proposals were submitted for consideration under this agenda item.

## **VI. UN Regulation No. 34 (Prevention of fire risk) (agenda item 5)**

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/19  
Informal documents: GRSG-122-10 and GRSG-122-15

52. The expert from OICA introduced documents GRSG-122-10 and GRSG-122-15, proposal for Supplement 3 to the 03 series of amendments of UN Regulation No. 34 and Proposal to amend document ECE/TRANS/WP.29/GRSG/2021/19 which is a Proposal for a new 04 series of amendments of UN Regulation No. 34.

53. The expert from France recalled that para. 9.3. of UN Regulation No. 34 is not yet transposed in the UN Regulation No. 153. He therefore suggested joint activity on this proposal with GRSP to ensure alignment between the GTRs and UN Regulations. The Expert from the Russian Federation suggested a postponement of the revision of the documents GRSG-122-10 and GRSG-122-15 because the Russian Federation currently does not apply UN Regulation No. 153 and will need time to review these documents.

54. Following a detailed technical discussion from the experts from France, the Russian Federation, The European Commission and OICA with regarding the paragraph that is yet to be transposed in the UN Regulation No. 153, GRSG suggested document GRSG-122-10 be converted into an official document for reconsideration in the 123rd session of GRSG in March 2022. GRSG also suggested current document ECE/TRANS/WP.29/GRSG/2021/19 be reviewed and submitted for reconsideration at the 123rd session of GRSG as official document ECE/TRANS/WP.29/GRSG/2021/19/Rev.1.



## **VII. UN Regulation No. 39 (Speedometer and Odometer) (agenda item 6)**

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/20/Rev.1

55. The expert from France presented ECE/TRANS/WP.29/GRSG/2021/20/Rev.1, a proposal for supplement 2 to the 01 series of amendments of the UN Regulation No. 39 (Speedometer and Odometer) to clarify the specification and requiring the units for odometers. He thanked experts from the United Kingdom, IMMA and OICA for their contribution to this proposal.

56. GRSG adopted ECE/TRANS/WP.29/GRSG/2021/20/Rev.1 and requested its submission to WP.29 and AC.1 at their March 2022 sessions.

## **VIII. UN Regulation No. 55 (Mechanical couplings) (agenda item 7)**

*Documentation :* ECE/TRANS/WP.29/GRSG/2021/21  
ECE/TRANS/WP.29/GRSG/2021/22

57. The secretariat introduced official documents ECE/TRANS/WP.29/GRSG/2021/22 a Proposal for Supplement 10 to 01 series of amendments and a Proposal for Supplement 2 to 02 series of amendments to UN Regulation No. 55 which has been submitted for consideration in 185th November 2021 session of WP.29. The secretariat also introduced official documents ECE/TRANS/WP.29/GRSG/2021/22 a proposal for Supplement 10 to 01 series of amendments and Supplement 2 to 02 series to UN Regulation No. 55 and ECE/TRANS/WP.29/GRSG/2021/21 a proposal for Corrigendum 2 for the 01 series of amendments and Corrigendum 1 for the 02 series of amendments to UN Regulation No. 55. The secretariat recalled that ECE/TRANS/WP.29/GRSG/2021/21 was based on informal document GRSG-121-06 and ECE/TRANS/WP.29/GRSG/2021/22 was based on informal document GRSG-121-42 and these documents have not been further processed by the Treaty Section of the Office of Legal Affairs in New York.

58. GRSG considered and endorsed official documents ECE/TRANS/WP.29/2021/105 and ECE/TRANS/WP.29/2021/153 for voting at the November 2021 sessions of WP.29 and AC.1. GRSG also considered and adopted official documents ECE/TRANS/WP.29/GRSG/2021/21 and ECE/TRANS/WP.29/GRSG/2021/22 for submission and vote at the March 2022 sessions of WP.29 and AC.1.

## **IX. UN Regulation No. 66 (Strength of superstructure (buses)) (agenda item 8)**

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/23  
Informal documents: GRSG-122-02 and GRGS-122-41

59. The expert from the Russian Federation introduced GRSG-122-41, Proposal for Supplement 11 to the 02 series of amendments to UN Regulation No. 66 (Strength of superstructure (buses)).

60. The expert from OICA introduced document GRSG-122-02, which is a document containing comments from OICA to the updated proposal of the Russian Federation for an amendment to UN Regulation No. 66 (ECE/TRANS/WP.29/GRSG/2021/23). The expert from OICA informed GRSG that there was no supplement to the 01 series of amendment and proposed a harmonized solution for GRSG to establish a taskforce.

61. The expert from France supported the proposal from the Russian Federation and stated they had similar views to that of OICA regarding their concerns on the series of amendment. The experts from the Netherlands and Belgium both agreed with France.

62. GRSG decided to establish a taskforce chaired by the Russian Federation and invited participation from interested parties to finetune the proposals for amendments made to UN Regulation No.66.

## **X. Amendments to gas-fuelled vehicle regulations (agenda item 9)**

### **A. UN Regulation No. 67 (LPG vehicles)**

*Documentation:* Informal document: GRSG-122-42-Rev.1

63. The expert from Liquid Gas Europe presented a proposal for supplement [02] to the 03 series of amendments to UN Regulation No. 67, GRSG-122-42/Rev.1

64. GRSG considered document GRSG-122-42/Rev.1 and requested its submission as a formal document in the 123rd session of GRSG in March of 2022.

### **B. UN Regulation No. 110 (CNG and LNG vehicles)**

*Documentation:* Informal document: GRSG-122-28

65. The expert from NGV Global presented document, GRSG-122-28, a proposal for amendment to UN Regulation No. 110. He recognized contributions from the expert from Hexagon agility and the expert from the Netherlands as they were both elemental in the preparation of this report. He stated the purpose of this proposal is to add a new “Annex 5R” to the test requirements, to demonstrate that the pressure relief device (PRD) will continually activate throughout its designed life.

66. GRSG adopted GRG-122-28 and requested its submission as formal document in the 123rd session of GRSG in March 2022. The Chair of GRSG suggested that it will be beneficial to have a consolidated version of the gas vehicle Regulations which are UN Regulations Nos. 67 and 110 as soon as possible as they have undergone several amendments. The secretariat of GRSG confirmed that these Regulations are in the process of being consolidated.

## **XI. UN Regulation No. 93 (Front underrun protection) (agenda item 10)**

67. The Chair of GRSG invited the expert from The European Commission and other GRSG delegates for updates within the text of UN Regulation No. 93.

68. The expert from the European Commission informed GRSG that there are no new developments for discussions at this point. He also invited other delegates who were interested to participate in the amendments of the texts of UN Regulation No. 93 to get in touch with him.

## **XII. Amendments to Devices against Unauthorized Use, Immobilizers and Vehicle Alarm systems regulations (agenda item 11)**

### **A. UN Regulation No. 116 (Anti-theft and alarm systems)**

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/27  
Informal document: GRSG-122-21

69. The expert from OICA introduced document ECE/TRANS/WP.29/GRSG/2021/27, Proposal for amendments to UN Regulation No. 116 (Antitheft and alarm systems). In her

presentation, she stated the aim of this proposal is to differentiate between using the engine as a power source for motion and using the engine as a source of power for a different cause such as heating.

70. The expert from Sweden expressed concerns about using the engine for other purposes such as heating stating that this could pose a risk to the security of the vehicle. The Regulation needs clarification for know when an engine is to be used as a power source for to for driving and when it is to be used for a different reason, and this difference needs to be clearly defined. The expert from France supported this proposal because it clarified the different situation of engine use however, he said there could be an issue of Immobilizers being initiated when there is a real intention to drive. He further explained that, introducing this additional clarification will give the initial intention of the specification of the engine. He also shared an observation in UN Regulations No. 161 and 162, stating there are different translations of the texts and advised the use of French translation as this gives the most accurate description.

71. GRSG adopted ECE/TRANS/WP.29/GRSG/2021/27 and requested its submission to WP.29 and AC.1 in its March 2022 sessions.

72. The expert from OICA presented document GRSG-122-21 a document on the current situation of the scope and proposed solution of UN Regulation 116, 161, 162 and 163. She invited delegates to carefully check the texts contained in the split UN Regulations No. 161, No.162 and No. 163 and give feedback to OICA by 30 November 2021.

## **B. UN Regulation No. [161] (Devices against Unauthorized Use)**

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/24  
ECE/TRANS/WP.29/GRSG/2021/28  
Informal documents: GRSG-122-13 and GRSG-122-14

73. The expert from OICA presented document ECE/TRANS/WP.29/GRSG/2021/24, a proposal for supplement 1 to the original version of UN Regulation No.161 on uniform provisions concerning the protection of motor vehicles against unauthorized use and the approval of the device against unauthorized use (by means of a locking system). She recalled this document as a proposal that was established for the new definition of digital key and said it is the amendment needed to align UN Regulation No. 161 to the changes made in UN Regulation No.116.

74. The expert from OICA also introduced document GRSG-122-13, which is a proposal to jointly amend ECE/TRANS/WP.29/GRSG/2021/24: Supplement 1 to the original version of UN Regulation No. 161 on uniform provisions concerning the protection of motor vehicles against unauthorized use and the approval of the device against unauthorized use (by mean of a locking system) and ECE/TRANS/WP.29/GRSG/2021/25: Supplement 1 to the original version of UN Regulation No. 162 on uniform technical prescriptions concerning approval of immobilizers and approval of a vehicle with regard to its immobilizer.

75. The expert from Finland supported the proposals but expressed reservations on the need to add blank Annexes in document GRSG-122-13. The experts from Germany, Japan, Italy, and Switzerland supported the proposal. The expert from Switzerland supported the addition of a blank annex because other split proposals already have them.

76. GRSG adopted ECE/TRANS/WP.29/GRSG/2021/24 as amended by GRSG-122-13 and requested its submission to WP.29 and AC.1 for their March 2022 sessions.

77. The expert from OICA presented document ECE/TRANS/WP.29/GRSG/2021/28, a proposal for amendments to UN Regulation No.161 (Devices against unauthorized use by mean of a locking system). She explained that proposal was a direct reflection of the same amendments done to paragraph 5.2.1.1. of UN Regulation No.116.

78. GRSG adopted ECE/TRANS/WP.29/GRSG/2021/28 and requested its submission to WP.29 and AC.1 for their March 2022 sessions.

79. OICA introduced document GRSG-122-14, a proposal to amend UN Regulation No. 161 on protection/devices against unauthorized use. The Chair of GRSG invited other delegations and the secretariat of GRSG to review this document and send in their contributions before the deadline on 30 November 2021 to enable its submission for the next GRSG session.

80. GRSG adopted document GRSG-122-14 and requested it be issued as an official document for the 123rd session of GRSG in March 2022.

### **C. UN Regulation No. [162] (Immobilizers)**

*Documentation:* ECE/TRANS/WP.29/2021/25  
ECE/TRANS/WP.29/2021/29  
Informal documents: GRSG-122-12 and GRSG-122-13

81. The expert from OICA introduced informal document GRSG-122-13 amending ECE/TRANS/WP.29/GRSG/2021/25, Proposal for supplement 1 to the original version of UN Regulation No. 162 on uniform technical prescription concerning approval of immobilizers and approval of a vehicle with regard to its immobilizer. She also presented document ECE/TRANS/WP.29/GRSG/2021/29, a proposal for amendments to UN Regulation No.162.

82. GRSG adopted ECE/TRANS/WP.29/GRSG/2021/25 as amended by GRSG-122-13 with an in-session removal of the brackets ([ ]) and document ECE/TRANS/WP.29/GRSG/2021/29 requested their submission to WP.29 and AC.1 for voting at their March 2022 sessions.

83. The expert from OICA presented document GRSG-122-12, proposal to amend UN Regulation No. 162 on immobilizers. This proposal also brings into alignment, the amendments made in UN Regulation No. 116. OICA invited delegations to revise this document and send feedbacks before the deadline.

84. GRSG considered and adopted GRSG-122-12 and requested it be submitted to the 123rd session of GRSG in March 2022.

### **D. UN Regulation No. [163] (Vehicle Alarm systems)**

*Documentation:* ECE/TRANS/WP.29/2021/26  
Informal document: GRSG-122-11

85. The expert from OICA presented document ECE/TRANS/WP.29/GRSG/2021/26, Proposal for Supplement 1 to the original version of UN Regulation No. 163 on uniform provisions concerning the approval of vehicle alarm system and approval of a vehicle with regard to its vehicle alarm system.

86. GRSG considered and adopted ECE/TRANS/WP.29/GRSG/2021/26 and requested its submission to WP.29 and AC.1 for vote at their March 2022 sessions.

87. The expert from OICA introduced GRSG-122-11, proposal to amend UN Regulation No. 163 on Vehicle Alarm Systems. She invited delegates to revise the document and give their feedback before 30 November 2021 to the OICA secretariat to assist in producing a formal document before the submission deadline for the 123rd session of GSRG.

88. The Chair of GRSG reiterated OICA's proposal for the delegates of GRSG to revise this document and give their feedback. GRSG adopted GRSG-122-11 and requested its submission as an official document in the 123rd session of GRSG in March 2022.

## **XIII. UN Regulation No. 121 (Identification of controls, tell-tales and Indicators (agenda item 12))**

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/30

89. The expert from the Netherlands on behalf of the GRBP Task Force on Tyre Pressure Monitoring System and Tyre Installation (TF TPMSTI) presented document ECE/TRANS/WP.29/GRSG/2021/30, a proposal for supplement 4 to the 01 series of amendment of UN Regulation No. 121. The experts from Germany, Japan, United Kingdom, Sweden, Italy, France, the European Commission and OICA all supported this proposal.

90. The Chair of GRSG endorsed document ECE/TRANS/WP.29/GRSG/2021/30 and requested its submission to WP.29 and AC.1 for voting at their March 2022 sessions.

#### **XIV. UN Regulation No. 125 (Forward Field of Vision of Drivers) (agenda item 13)**

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/13  
ECE/TRANS/WP.29/GRSG/2021/31  
Informal document: GRSG-122-43

91. The expert from OICA presented document ECE/TRANS/WP.29/GRSG/2021/13, Proposal for Supplement 2 to the 01 series of amendments of UN Regulation No. 125. The expert from the European Commission informed GRSG that this proposal had not been discussed at the European Commission's motor vehicle working group, therefore he proposed to discuss of this document at a technical level in the next session. He also suggested going forward with the existing extension of scope to category N1 vehicles with participation system.

92. The expert from Sweden supported the European Commission stating this proposal should be referred to the forum as it has not yet been addressed in the Forum. He further explained that the requirement for N<sub>1</sub> classification, in the definition of goods department seemed to be different from the European perspective in its justification. The expert from France and Switzerland suggested that the proposal was not ready for adoption and proposed it be postponed. The expert from the United Kingdom expressed concerns in accepting the proposal because the text of this proposal did not clarify the application of the partitioning system. The expert from the Netherlands agreed with the point of view of the United Kingdom. The expert from Italy mentioned the need to be through in discussing the partitioning system as the application of this system was not clear.

93. The expert from OICA informed GRSG that excluding the partitioning system from the proposal could lead to individuals seeking personalized solution that could negatively impact the safety of a vehicle and its users.

94. The expert from Germany supported the extension of the scope for N<sub>1</sub> vehicles but expressed concerns about the partitioning systems because it could impact the direct vision of the driver. The expert from the European Commission reiterated his support of the extension of scope and the need for a partitioning system, but there is need for more discussions because there are lots of disparities when considering its application in different countries.

95. OICA requested the participation from GRSG to deliver on the technical requirement and work related to the topic of the partitioning system and suggested its inclusion in the list of decisions. She also inquired from the secretariat of GRSG, if it was possible to adopt a document that is not an informal or official document for this session of GRSG (ECE/TRANS/WP.29/GRSG/2020/11). The secretariat clarified that this document had been used as an official document in a previous session of GRSG hence, it can be used as a basis for adoption in the next session of WP.29.

96. The Chair of GRSG noted that there was not full support from GRSG for document ECE/TRANS/WP.29/GRSG/2021/13 and therefore suggested the adoption of the original document ECE/TRANS/WP.29/GRSG/2020/11. He also invited other delegates from GRSG to contribute to the technical work being done on the partitioning system.

97. GRSG adopted the document ECE/TRANS/WP.29/GRSG/2020/11 and requested its submission at WP.29 and AC.1 for voting in their March 2022 sessions.

98. The expert from the Netherlands on behalf of the GRSG Task Force on Field of Vision Assistant (FVA), presented document ECE/TRANS/WP.29/GRSG/2021/31, Proposal for supplement 1 to the 02 series of amendments of UN Regulation No. 125.

99. GRSG adopted ECE/TRANS/WP.29/GRSG/2021/31 and requested its submission to WP.29 and AC.1 for voting in their March 2022 sessions.

100. The expert from the Netherlands on behalf of the GRSG Task Force on Field of Vision Assistant (FVA) presented document GRSG-122-43, an invitation to IWG-FVA Kick-off meeting / workshop on 9 November 2021. The expert from the Netherlands appreciated the Task Force for the work done in a short time and informed GRSG that the Task Force is now an Informal Working Group.

## **XV. Event Data Recorder (agenda item 14)**

*Documentation:* Informal document: GRSG-122-38

101. The expert from Netherlands, a Co-Chair of the Informal Working Group on Event Data Recorder / Data Storage Systems for Automated Driving (IWG on EDR/DSSAD) introduced document GRSG-122-38. The document included a status report on the activities of the IWG and a proposal to amend current EDR documents. He also informed GRSG of the upcoming activities of IWG on EDR/DSSAD. He informed GRSG of the replacement of the Co-Chair from Japan T. Tokai by Mr. H. Nonaka.

102. The expert from Switzerland asked for clarification on the UN Regulation No. 160 series of amendment 01 on when it will be entered into force. The secretariat of GRSG explained that a notification was received on 13 October 2021 from the Office of Legal Affairs in New York confirming its entry into force. Therefore, process of preliminary notification of amendments can now be issued even if amendments have already been agreed upon by WP.29 and AC.1.

### **A. Guidance on Event Data Recorder (EDR) Performance Elements Appropriate for Adoption in 1958 and 1998 Agreement Resolutions or Regulations**

*Documentation:* ECE/TRANS/WP.29/GRSG/2020/100/Rev.1  
ECE/TRANS/WP.29/GRSG/2021/32  
Informal document: GRSG-122-35

103. The Chair of GRSG recalled the work done by Event Data Recorder (EDR) / Data Storage Systems for Automated Driving (DSSAD), on the preparation of proposal for the performance of elements appropriate to be used in 1958 and 1998 Agreements.

104. The expert from Netherlands on behalf of IWG on EDR/DSSAD introduced document GRSG-122-35, Proposal to revise document ECE/TRANS/WP.29/GRSG/2021/32 which is a proposal for amending guidance on Event Data Recorder (EDR) Performance Elements Appropriate for Adoption in 1958 and 1998 Agreement Resolutions or Regulations (ECE/TRANS/WP.29/2020/100/Rev.1)

105. GRSG continued consideration on the proposal by IWG on EDR/DSSAD ECE/TRANS/WP.29/GRSG/2021/32 as amended by GRSG-122-35, while awaiting further information from IWG on EDR/DSSAD at the 123rd session of GRSG in March 2022.

### **B. UN Regulation No. 160 (Event Data Recorder (EDR))**

*Documentation:* ECE/TRANS/WP.29/GRSG/2021/33  
ECE/TRANS/WP.29/GRSG/2021/34  
Informal documents: GRSG-122-36 and GRSG-122-37

106. The expert from the Netherlands, a Co-Chair of the IWG on EDR/DSSAD, presented documents GRSG-122-36 which is a proposal to revise document

ECE/TRANS/WP.29/GRSG/2021/33 (Proposal for supplement 1 to UN Regulation No. 160) and GRSG-122-37 which is a proposal to revise document ECE/TRANS/WP.29/GRSG/2021/34 (Proposal for supplement 1 to 01 Series of amendments to UN Regulation No. 160).

107. The expert from China applauded the work done by the expert from the Netherlands on behalf of the IWG on EDR/DSSAD and appreciated his dedication to the group. He expressed his concerns on the problem with different definitions of the same elements in different UN Regulations, he further expressed concerns that sometimes, different English terms could have the same meaning. He proposed that non-English speaking countries find a way to harmonize resolutions and advised the use of limited English terms to prevent confusion in the use of words.

108. The expert from Netherlands said that the document is a base document for the 1958 Agreement and Contracting Parties to the UN Regulation No. 160 and a few GTRs and they could make some additions to this document to clarify the meaning of the various definitions.

109. GRSG adopted document ECE/TRANS/WP.29/GRSG/2021/33 as amended by GRSG-122-36 to be submitted to WP.29 and AC.1 for voting at their March 2022 sessions. GRSG also adopted document ECE/TRANS/WP.29/GRSG/2021/34 as amended by GRSG-122-37 to be submitted to WP.29 and AC.1 for voting at their March 2022 sessions.

## **XVI. UN Regulation No. 0 (International Whole Vehicle Type Approval) (agenda item 15)**

*Documentation:* Informal document: GRSG-122-03

110. The expert from the Netherlands introduced document GRSG-122-03, a proposal for extension of DETA to improve the use of Unique Identifier (U.I) for UN Regulations. He questioned the use of Unique Identifier (UI) stating it may not be used for information on the summary document for each UN Regulation.

111. The Chair of GRSG proposed the delegates look on UN Regulation with a compound approach. GRSG invited CLEPA, OICA and other interested delegates to reflect on Identification of UN Regulations for application of Unique Identifier.

## **XVII. Consolidated Resolution on the construction of vehicles (R.E.3) (agenda item 16)**

*Documentation:* ECE/TRANS/WP.29/GRSG/2020/33  
Informal documents: GRSG-122-29 and GRSG-122-30

112. The representative of IMMA introduced a proposal for amendments to the consolidated Resolution on the Construction of Vehicles (R.E.3) ECE/TRANS/WP.29/GRSG/2020/33 and requested its removal from the agenda.

113. GRSG accepted and removed document ECE/TRANS/WP.29/GRSG/2020/33 from the agenda.

114. The expert from CLCCR introduced document GRSG-122-30, Proposal for amendments to Consolidated Resolution RE.3 and GRSG-122-29. GRSG adopted documents GRSG-122-29, proposal for amendments to Consolidated Resolution S.R.1.

115. GRSG adopted GRSG-122-29 and GRSG-122-30 and requested their submission as official documents to the 123rd session of GRSG in March 2022.

## **XVIII. Exchange of views on Vehicle Automation (agenda item 17)**

116. The secretariat from UNECE presented document GRSG-122-45 on the current activities regarding Automated Driving Systems and the highlights of the June session of WP.29 regarding ADS and GRSG.

117. The Chair of GRSG proposed issuing this document as an official document. however, the expert from United States of America noted the timelines in the presentation were not exact, therefore it needed to be amended. GRSG proposed the document be amended prior to further consideration.

## **XIX. Election of Officers (agenda item 18)**

118. GRSG elected Mr. A. Erario (Italy) as Chair and Mr. K. Hendershot (Canada) as Vice-Chair for the GRSG sessions scheduled for 2022.

## **XX. Other Business (agenda item 19)**

### **A. Exchange of views on the future work of the Working Party on General Safety Provisions**

*Documentation:* Informal document: GRSG-122-33  
(ECE/TRANS/WP.29/2021/1)

119. The secretariat of GRSG introduced document GRSG-122-33 (ECE/TRANS/WP.29/2022/1), draft Programme of Work of WP.29 and its subsidiary bodies. GRSG reviewed document GRSG-122-33 and invited delegates to send their input related to Table 6 to the secretariat by 29 October 2021. The secretariat will distribute a consolidated version among GRSG delegates for endorsement.

### **B. Exchange of views on the future work on the Framework Document on Vehicle Whole-life Compliance**

*Documentation:* Informal document: WP.29-184-10

120. The Secretariat of GRSG introduced document WP.29-184-10, proposal for a framework document on Vehicle Whole-Life Compliance which was as an informal document from the June 2021 session of WP.29.

121. The Chair of GRSG proposed the conversion of this document to a formal document for submission and consideration at the November 2021 session of WP.29.

### **C. Any Other Business**

122. The Chair of GRSG informed the delegation of GRSG of the retirement of the expert from Switzerland, Mr. Heinz Berger, stating that this would be his last participation at GRSG. Delegates of GRSG appreciated his contributions to the activities of the group and bade him farewell.



## Annex I

[English only]

**List of informal documents considered during the meeting****List of informal documents (GRSG-122-...) distributed during the meeting (English only)**

No.	(Author) Title	Follow-up	Agenda
1	(GRSG Chair) Running order of the 122nd virtual session of GRSG (12-15 Oct 2021)	(g)	1
2	(OICA) Comments from OICA to the updated proposal of the Russian Federation for an amendment to UN Regulation No. 66 (ECE/TRANS/WP.29/GRSG/2021/23)	(f)	8
3	(IWG on DETA) Proposal for extension of DETA to improve the use of the Unique Identifier for UN Regulations	(e)	15
4	(Secretariat) Comments received from a Stakeholder on UNECE Addendum 106: UN Regulation No. 107	(e)	2(a)
5	(IWG on BMFE) Proposal for the 10 series of amendment to UN Regulation No. 107 (General construction M2 & M3)	(b)	2(a)
6	(IWG on BMFE) Informal Working Group on the behaviour of M2 & M3 general construction in case of fire event (BMFE) Overview	(e)	2(a)
7	(France) Suggestion for amendment of UN Regulation No. 43 (Safety glazing)	(c)	3(b)
7 Rev.1	(France) Suggestion for amendment of UN Regulation No. 43 (Safety glazing)	(c)	3(b)
8	(OICA) Proposal to amend document ECE/TRANS/WP.29/GRSG/2021/18 on UN Regulation No. 46	(b)	4(a)
9	(OICA) Proposal to amend UN Regulation No. 43	(c)	3(b)
10	(OICA) Proposal for Supplement 3 to the 03 series of amendments of UN Regulation No. 34	(c)	5
11	(OICA) Proposal to amend UN Regulation No. [163] on Vehicle Alarm Systems	(c)	11(d)
12	(OICA) Proposal to amend UN Regulation No. [162] on immobilizers	(c)	11(c)
13	(OICA) Proposals for amendments to: ECE/TRANS/WP.29/GRSG/2021/24: Supplement 1 to the original version of UN Regulation No. [161] ECE/TRANS/WP.29/GRSG/2021/25: Supplement 1 to the original version of UN Regulation No. [162]	(c) (c)	11(b) 11(c)
14	(OICA) Proposal to amend UN Regulation No. [161] on protection/devices against unauthorized use	(c)	11(b)
15	(OICA) Proposal for a new 04 series of amendments of UN Regulation No. 34	(c)	5
16	(IWG on VRU-Proxi) Proposal for a new UN Regulation on uniform provisions concerning the approval of devices and motor vehicles with regard to the driver's awareness of vulnerable road users existing front and lateral side close-proximity of vehicles	(c)	4
17	(IWG on VRU-Proxi) Proposal for amendments to UN Regulation No. 158	(c)	4(c)
18	(Germany) Suggestion for an amendment of UN Regulation No. 151 (Blind Spot Information Systems)	(c)	4(b)
19	(IWG on VRU-Proxi – Japan) New regulation proposal on uniform provisions concerning the approval of devices and motor vehicles with regard to the driver's awareness of vulnerable road users existing front and lateral side close-proximity of vehicles	(e)	4
20	(IWG on VRU-Proxi) Blind Spot Information System (BSIS) alternative test procedure	(e)	4(b)
21	(OICA) Split scope explanatory table	(e)	11
22	(Germany) New UN Regulation on the direct visibility of pedestrians in front or to the side of the cab of a truck	(e)	4
23	(Germany) Proposal for amendments to UN Regulation No. 107 (M <sub>2</sub> and M <sub>3</sub> vehicles)	(e)	2(a)
24	(IWG on VRU-Proxi) Proposal for a new UN Regulation on uniform provisions concerning the approval of motor vehicles with regard to their Direct Vision	(c)	4
25 Rev.1	(IWG on VRU-Proxi) Draft UN Regulation - Direct Vision for trucks and buses	(e)	4

No.	(Author) Title	Follow-up	Agenda
26	(IWG on VRU-Proxi) Proposal for supplement to UN Regulation No. 151 (Blind Spot Information Systems)	(c)	4(b)
27	(IWG on VRU-Proxi) BSIS (UN reg. 151) Clarification on long TTCs, temporary sensor blockage and calibration	(e)	4(b)
28	(NGV Global) Proposal for amendments to UN Regulation No. R.110	(c)	9(b)
29	(CLCCR) Proposal for amendments to Consolidated Resolution S.R.1	(c)	16
30	(CLCCR) Proposal for amendments to Consolidated Resolution RE.3	(c)	16
31	(Italy) Comments on the proposal of the Russian Federation to amend Regulation No. 66	(f)	8
32	(France) Suggestion for amendment of UN Regulation No. 43 (Safety glazing)	(c)	3(b)
33	Draft WP.29 programme of work 2022 (ECE/TRANS/WP.29/2022/1)	(f)	19(a)
34 Rev.1	(Secretariat) Provisional agenda for the 122nd session	(g)	1
35	(IWG on EDR/DSSAD) Proposal to revise document ECE/TRANS/WP.29/GRSG/2021/32	(d)	14(a)
36	(IWG on EDR/DSSAD) Proposal to revise document ECE/TRANS/WP.29/GRSG/2021/33	(c)	14(b)
37	(IWG on EDR/DSSAD) Proposal to revise document ECE/TRANS/WP.29/GRSG/2021/34	(c)	14(b)
38	(IWG on EDR/DSSAD) IWG on EDR/DSSAD Status Report	(e)	14
39	(OICA) Proposal to amend UN Regulation No. 158	(c)	4(c)
40	(OICA) Proposal for Supplement 1 to the 04 series of amendments to UN Regulation No. 118 (Burning behaviour of materials)	(c)	2(b)
41	(Russian Federation) Proposal for Supplement 11 to the 02 series of amendments to UN Regulation No. 66	(f)	8
42 Rev.1	(Liquid Gas Europe) Proposal for Supplement 01 to the 03 series of amendments to UN Regulation No. 67	(c)	9(a)
43	(IWG on FVA) Invitation IWG-FVA Kick-off meeting / workshop 9 November 2021	(e)	13
44	(OICA) OICA comments to the Draft Regulation on Direct Vision	(e)	4
45	(UNECE) Current activities regarding Automated Driving Systems	(e)	17

## Notes:

- (a) Adopted/endorsed with no change for consideration at WP.29.
- (b) Adopted/endorsed with changes for consideration at WP.29.
- (c) Resume consideration on the basis of an official document.
- (d) Transmitted to the IWG on EDR/DSSAD for further consideration.
- (e) Consideration completed or to be superseded.
- (f) Adopted/endorsed for continued consideration on the basis of a new version.
- (g) Adopted/endorsed.

## Annex II

### GRSG informal working groups

<i>Informal working group</i>	<i>Chair</i>	<i>Secretary</i>
Awareness of Vulnerable Road Users Proximity (VRU-Proxi)	Mr. Y. Matsui (Japan) (Chair) Mr. P. Broertjes (EC) (Vice-Chair) Tel: +81 422 41 3371 email: ymatsui@ntsel.go.jp Tel: +32 2 299 49 33 email: peter.broertjes@ec.europa.eu	Mr. Johan Broeders (OICA) Tel: +31 40 214 5033 email: johan.broeders@daftrucks.com
Field of Vision Assistants (IWG-FVA)	Mr. H. Lammers Tel: +31 79 345 8132 email: hammers@rdw.nl	

\* Co-Chairs of IWG

## Annex III

### Decisions adopted under silence procedure

Virtual meeting of the Working Party for General Safety Provisions (GRSG), 12-15 October 2021.

Documentation referenced in the below draft decisions is available under:  
<https://unece.org/info/Transport/Vehicle-Regulations/events/358218>

Decision No.	Agenda Item	Decision
1	1	GRSG adopted the annotated provisional agenda (ECE/TRANS/WP.29/GRSG/2021/16).
2	2a	
3	2b	GRSG adopted documents GRSG-122-40, proposal for supplement 1 to the 04 series of amendments to UN Regulation No.118 and requested its submission as an official document for consideration at the 123rd session of GRSG.
4	3b	GRSG considered documents GRSG-122-07/Rev.1, proposals for amendments to UN Regulation No. 43 and requested its submission as an official document for consideration at the 123rd session of GRSG.
5	3b	GRSG considered documents GRSG-122-32, proposals for amendments to UN Regulation No. 43 and requested its submission as an official document for consideration at the 123rd session of GRSG.
6	3b	GRSG considered documents GRSG-122-09, proposals for amendments to UN Regulation No. 43 and requested its submission as an official document for consideration at the 123rd session of GRSG.
7	4	GRSG considered documents GRSG-122-16, proposals for a new UN Regulation on driver's awareness of vulnerable road users in front and lateral close-proximity of vehicles and requested its submission as an official document for consideration at the 123rd session of GRSG.
8	4	GRSG considered documents GRSG-122-24, proposals for a new UN Regulation on Direct Vision and requested its submission as an official document for consideration at the 123rd session of GRSG.
9	4a	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/18, a proposal for the 05 series of amendments to UN Regulation No. 46 as amended by GRSG-122-08 and in session and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
10	4b	GRSG considered documents GRSG-122-18 and GRSG-122-26, proposals for amendments to UN Regulation No. 151 and requested its submission as an official document for consideration at the 123rd session of GRSG.
11	4c	GRSG considered documents GRSG-122-17 and GRSG-122-39, proposals for amendments to UN Regulation No. 158 and requested its submission as an official document for consideration at the 123rd session of GRSG.
12	5	GRSG considered documents GRSG-122-10 and GRSG-122-15, proposals for amendments to UN Regulation No. 34 and requested its submission as an official document ECE/TRANS/WP.29/GRSG/2021/19/Rev.1 for consideration at the 123rd session of GRSG.
13	6	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/20/Rev.1, proposal for supplement 2 to the 01 series of amendments to UN Regulation No.39 and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
14	7	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/21, a proposal for Corrigendum 2 to the 01 series of amendments and Corrigendum 1 for the 02 series of amendments to UN Regulation No.55 and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
15	8	GRSG discussed ECE/TRANS/WP.29/GRSG/2021/23, GRSG-122-02, GRSG-122-31 and GRSG-122-41, a proposal for amendments to UN Regulation No. 66, and decided to establish a taskforce chaired by the Russian Federation with participation by interested parties to fine-tune the proposal for amendments to UN Regulation No. 66.

16	9a	GRSG considered documents GRSG-122-42/Rev.1, proposals for amendments to UN Regulation No. 67 and requested its submission as an official document for consideration at the 123rd session of GRSG.
17	9b	GRSG considered documents GRSG-122-28, proposals for amendments to UN Regulation No. 110 and requested its submission as an official document for consideration at the 123rd session of GRSG.
18	11a	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/27, a proposal for amendments to UN Regulation No. 116, and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
19	11b	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/24, a proposal for supplement 1 to the original version of UN Regulation No. 161, as amended by GRSG-122-13, and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
20	11b	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/28, a proposal for supplement 2 to the original version of UN Regulation No. 161 and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
21	11b	GRSG considered documents GRSG-122-14, proposals for amendments to UN Regulation No. 161 and requested its submission as an official document for consideration at the 123rd session of GRSG.
22	11c	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/25, a proposal for supplement 1 to the original version of UN Regulation No. 162, as amended by GRSG-122-13, and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
23	11c	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/29, a proposal for amendments to UN Regulation No. 162 and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
24	11c	GRSG considered documents GRSG-122-12, proposals for amendments to UN Regulation No. 162 and requested its submission as an official document for consideration at the 123rd session of GRSG.
25	11d	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/26, a proposal for supplement 1 to the original version of UN Regulation No. 163 and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
26	11d	GRSG considered documents GRSG-122-11, proposals for amendments to UN Regulation No. 163 and requested its submission as an official document for consideration at the 123rd session of GRSG.
27	12	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/30, a proposal for supplement 4 to the 01 series of amendments of UN Regulation No. 121 and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
28	13	GRSG adopted ECE/TRANS/WP.29/GRSG/2020/11, a proposal for supplement 2 to the 01 series of amendments of UN Regulation No. 125 and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions. In this respect GRSG is asked to deliver requirements related to partitioning systems for N <sub>1</sub> vehicles.
29	13	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/31, a proposal for supplement 1 to the 02 series of amendments of UN Regulation No. 125, as amended in session, and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
30	14a	GRSG endorsed ECE/TRANS/WP.29/GRSG/2021/32 as amended by GRSG-122-35 awaiting further information from IWG on EDR/DSSAD
31	14b	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/33, a proposal for supplement 1 to the original version of UN Regulation No. 160, as amended by GRSG-122-36, and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.
32	14b	GRSG adopted ECE/TRANS/WP.29/GRSG/2021/34, a proposal for supplement 1 to the 01 series of amendments of UN Regulation No. 160, as amended by GRSG-122-37, and requested the secretariat to submit it as an official document to WP.29 and AC.1 for consideration and vote at their March 2022 sessions.

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33	16	GRSG adopted documents GRSG-122-30, Proposal for amendments to Consolidated Resolution RE.3 and requested its submission as an official document for consideration at the 123rd session of GRSG.
34	16	GRSG adopted documents GRSG-122-29, Proposal for amendments to Consolidated Resolution S.R.1 and requested its submission as an official document for consideration at the 123rd session of GRSG.
35	18	GRSG elected Mr. A. Erario (Italy) as Chair and Mr. K. Hendershot (Canada) as Vice-Chair for the GRSG sessions scheduled for 2022.
36	19	GRSG reviewed document GRSG-122-33, a draft for the WP.29 programme of work for 2022 and invited delegates to send their input related to Table 6 to the secretariat by 29 October 2021. The secretariat will distribute a consolidated version among GRSG delegates for endorsement.

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