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## **Economic Commission for Europe**

Inland Transport Committee

**World Forum for Harmonization of Vehicle Regulations**

**169<sup>th</sup> session**

Genève, 21-24 June 2016

### **Reports of the**

**World Forum for Harmonization of Vehicle Regulations on  
its 169<sup>th</sup> session**

**Administrative Committee of the 1958 Agreement on its  
sixty-third session**

**Executive Committee of the 1998 Agreement on its forty-  
seventh session**

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

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## I. Attendance

1. The World Forum for Harmonization of Vehicle Regulations (WP.29) held its 169<sup>th</sup> session from 21 to 24 June 2016, chaired by Mr. A. Erario (Italy). The following countries were represented, following Rule 1(a) of the Rules of Procedure of WP.29 (TRANS/WP.29/690 and ECE/TRANS/WP.29/690/Amend.1 and Amend.2): Australia; Belgium; Bosnia and Herzegovina; Canada; China; Czech Republic; Finland; France; Georgia; Germany; Hungary; India; Italy; Japan; Kazakhstan; Luxembourg; Malaysia; Norway; Poland; Portugal; Republic of Korea; Romania; Russian Federation; San Marino; Slovakia; South Africa; Spain; Switzerland; Thailand; Turkey; United Kingdom of Great Britain and Northern Ireland; United States of America and Viet Nam. Representatives of the European Union (EU) participated. The following intergovernmental organizations were represented: International Telecommunication Union (ITU) and the International Transport Forum of the Organization for Economic Co-operation and Development (OECD). The following non-governmental organizations were also represented: Association for Emissions Control by Catalyst (AECC); European Association of Automotive Suppliers (CLEPA/MEMA/JAPIA)<sup>1</sup>; European Tyre and Rim Technical Organization (ETRTO); Foundation for the Automobile and Society (FIA Foundation); Global New Car Assessment Programme (Global NCAP); International Automotive Lighting and Light Signalling Expert Group (GTB); International Motor Vehicle Inspection Committee (CITA); International Motorcycle Manufacturers Association (IMMA); International Organization of Motor Vehicle Manufacturers (OICA); and the Recreation Vehicle Industry Association (RVIA).

## II. Opening statements

*Documentation:* Informal document WP.29-169-15

2. The Vice-Chair of the World Forum, Mr. Erario, welcomed the representatives to the World Forum and introduced the opening speakers: H.E. Mr. Marco Arzilli, the Minister of Industry, Handicraft, Trade, Transport and Research of San Marino and Mr. Yongseog Kim, the Director General of the Motor Transport Bureau of the Ministry of Land, Infrastructure and Transport of the Republic of Korea. The Vice-Chair indicated the absence of the Chair of the World Forum, Mr. Kisulenko, due to medical reasons and that following the rules of procedures of WP.29, he would chair the 169<sup>th</sup> session.

3. In his opening statement, H.E. Mr. Marco Arzilli stated that San Marino is honoured and pleased to be part of the Community of the United Nations and to participate at the UNECE World Forum for Harmonization of Vehicle Regulations (WP.29). He reminded the World Forum that San Marino has a history of 1,715 years and, as such, is the oldest Republic in the world, stressing that it is ready to face this new challenge with the awareness of the great responsibility that derives from the UNECE agreements in this field. H.E. Mr. Arzilli emphasized that San Marino wants to convert this responsibility into constant attention and continuous updates, and that the Republic's contribution to these international contexts will be always based on this precise commitment. Finally, His Excellency highlighted San Marino's maximum availability to discuss and collaborate with each member country of UNECE, and declared that San Marino will be a strong and devoted supporter of the United Nations Programme on "Road Safety" (safer roads) and of

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

all the initiatives related to environmental protection, sustainable transport and the increase of the safety systems in vehicle production.

4. The Director General of Motor Vehicles Management Bureau of Ministry of Land, Infrastructure and Transport of the Republic of Korea, Mr. Yongseog Kim, stated that the Republic of Korea has actively participated in the establishment and amendments of UN Regulations and UN GTRs in the framework of activities of WP.29. He further underlined its role of Vice-Chair in GRSP sessions since 2013 and its chairmanship of two Informal Working Groups (IWG) on “Vehicle Indoor Air Quality” and “Panoramic Sunroof Glazing”.

5. He particularly indicated that Republic of Korea suggested expanding the application of safety-belt warning devices from the current driving seat to all seats at the GRSP expert meeting in December 2014. The suggestion, backed by concerted efforts of France, Japan and the European Commission, have resulted in the agreement at the GRSP meeting in May 2016, and a proposal for submission to the November 2016 session of WP.29. He also reminded WP.29 that his country will request an authorization to develop an amendment to UN GTR No. 9 on evaluation methods concerning active device for pedestrian protection during the current session of the Administrative Committee of the 1998 Agreement (AC.3) and asked for support from representatives. He also indicated the intention of his country to actively participate in the development of the second phase of a UN GTR on hydrogen fuel-cell vehicles.

6. He informed WP.29 that Republic of Korea had been monitoring international trends on the establishment of international standards on autonomous vehicles and relevant technological development within Intelligent Transport Systems – Automated Driving (ITS-AD) IWG and in the same time is actively participating to the ITS-AD IWG. He added that his Government established “plans for commercialization of autonomous vehicles” in the first half of 2015 to support commercialization of autonomous cars and development of relevant technologies and standards.

7. According to this plan, its Government will actively work on various fields such as research and development for autonomous vehicle and its technologies, improving legal systems for allowing test-driving and improving communication-infrastructures and digital maps. He stated that the Republic of Korea is well aware that activities for enhancing automobile safety are carried out by discussion and international consensus at WP.29, the most prestigious international forum in the automotive sector.

8. Finally, he underlined that his country is ready to contribute to improving international standards on autonomous vehicles. As the Director General of Motor Vehicles Management Bureau of Ministry of Land, Infrastructure and Transport, responsible for automobile safety and relevant systems and policies of Republic of Korea, he stated that his country is ready to play bigger roles in various fields being discussed at WP.29 and receive cooperation and support in this endeavour.

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

*Documentation:* ECE/TRANS/WP.29/1122 and Add.1  
Informal document WP.29-169-12

9. The annotated provisional agenda for the session was adopted without amendments.

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

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

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

11. The 121<sup>th</sup> session of WP.29/AC.2 was held on 20 June 2016, chaired by Mr. A. Erario (Italy) and was attended, in accordance to Rule 29 of the terms of reference and rules of procedure of WP.29 (TRANS/WP.29/690 and Amends.1 and 2), by the Chairs of GRB (France), GRE (Belgium), GRSP (United States of America), GRRF (United Kingdom), GRSG (Italy), the Executive Committee (AC.3) of the 1998 Agreement (United Kingdom), by the representatives of Belgium, Germany, Japan and the Republic of Korea, the United States of America and the European Union, and by the Vice-Chairs of WP.29 (Italy), GRPE (India) and GRSP (Republic of Korea).

12. The WP.29/AC.2 reviewed and adopted the draft agenda of the 169<sup>th</sup> session of the World Forum. It recommended that the Administrative Committee of the 1997 Agreement (AC.4) should not convene. WP.29/AC.2 also reviewed the draft agenda for the 170<sup>th</sup> session of the World Forum, scheduled to be held in Geneva from 15 to 18 November 2016.

13. The secretariat informed AC.2 about the staff resources following the post cut and its impact on the services provided to WP.29 including i) a partial discontinuation of the consolidation of UN Vehicle Regulations and Resolutions, ii) updating the status document of the 1958 Agreement prior to each WP.29 session only and iii) uploading on the website final texts of new regulations and of amendments to existing ones in English only.

14. AC.2 endorsed the proposal from Japan, the United States of America and the European Union, on actions by the secretariat to increase transparency in the World Forums activities by (a) easing participation of stakeholders by providing the related information on its website for individuals and NGOs, (b) proposing for improvements of the website access with, for example, a question and answers (Q&A) section, description of the regulatory processes and headings related to key topics such as electric vehicle, automated driving or ITS, (c) increasing the quality of minutes from IWG by establishing a standardised reporting template, (d) by including the deliverable of the statement of technical rationale and justification for draft UN GTRs at an early stage in the terms of reference of the relevant body drafting the UN GTR, (e) reflecting on possibilities for stakeholder consultations prior to the establishment of UN GTRs and (f) defining and prioritizing the programme of work in a more strategic and inclusive manner.

15. The Representative of Japan reported on the progress of the IWG on International Whole Vehicle Type Approval (IWVTA), including the progress and major results made in the pre-testing programme, the list of UN Regulations applicable to IWVTA and the Q&A document.

16. WP.29/AC.2 reflected on ways to streamline the completion of the session's proceedings by identifying amendment proposals that could be immediately transferred to AC.1, as so called "A-points" in order to gain more time for substantial discussion.

17. AC.2 discussed and finally decided to continue the general discussion on the performance of automotive systems in conditions other than those tested in the framework of type-approval or self-certification at WP.29 based on WP.29-169-13.

18. The secretariat reminded GRs to inform the secretariat about any new abbreviations brought into use in their documents.



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

*Documentation:* ECE/TRANS/WP.29/2016/1/Rev.1  
Informal documents WP.29-169-01 and WP.29-169-02

19. The World Forum noted the revised programme of work and documentation (ECE/TRANS/WP.29/2016/1/Rev.1). The secretariat presented the list of working parties, informal working groups and chairmanship (based on WP.29-169-01) and the draft calendar of meetings of WP.29, GRs and committees for 2017 (based on WP.29-169-02). The World Forum noted WP.29-169-01 on the informal working groups and chairmanships of WP.29 and its subsidiary bodies as well as WP.29-169-02 on the calendar of meetings.

20. The secretariat was invited to consider rescheduling the March 2017 World Forum session to 14–17 March 2017 (see Annex III) to avoid overlap with the “Press Days” of the Geneva Motor show (7–8 March 2017)

## **C. Intelligent Transport Systems (agenda item 2.3)**

21. The representatives of Japan and the United Kingdom, co-chairing the IWG on Intelligent Transport Systems (ITS), gave a status report on the group's activities. The IWG had convened on Wednesday, 22 June 2016 from 2.30 to 5.15 p.m. and this rescheduling for Wednesday had been in principle welcomed, however, WP.29 was requested to consider streamlining its proceedings to allocate more time to discuss ITS and automated vehicles. Following the report by the representative of Finland, Ambassador of the IWG on ITS/AD and of the Informal Group of Experts on automated driving of WP.1, the group had finalized discussions on guidelines on measures for cyber security and data protection, to be presented to WP.29 at the November 2016 session.

22. The IWG continued discussions on the proposal for automation levels definitions.

23. The representatives present at the IWG agreed to meet again prior to the session of GRRF in Geneva on 19 September 2016.

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

### **A. Working Party on Passive Safety (GRSP) (Fifty-eighth session, 8-11 December 2015) (agenda item 3.1)**

*Documentation:* ECE/TRANS/WP.29/GRSP/58

24. The World Forum recalled the oral report of the Chair of GRSP given during the 168<sup>th</sup> session (ECE/TRANS/WP.29/1120, paras. 25-28) and approved the report.

### **B. Working Party on Pollution and Energy (GRPE) (Seventy-second session, 12-15 January 2016) (agenda item 3.2)**

*Documentation:* ECE/TRANS/WP.29/GRPE/72 and Adds.1–3

25. The World Forum recalled the oral report of the Chair of GRE given during the 168<sup>th</sup> session (ECE/TRANS/WP.29/1120, para. 29) and approved the report and addenda 1, 2 and 3.

**C. Working Party on Noise (GRB) (Sixty-third session, 16-18 February 2016) (agenda item 3.3)**

*Documentation:* ECE/TRANS/WP.29/GRB/61

26. The World Forum recalled the oral report of the Chair of GRB given during the 168<sup>th</sup> session (ECE/TRANS/WP.29/1120, paras. 30-33) and approved the report.

**D. Working Party on Brakes and Running Gear (GRRF) (Eighty-first session, 1-5 February 2016) (agenda item 3.4)**

*Documentation:* ECE/TRANS/WP.29/GRRF/81

27. The World Forum recalled the oral report of the Chair of GRRF given during the 168<sup>th</sup> session (ECE/TRANS/WP.29/1120, paras. 34-39) and approved the report.

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

**1. Working Party on Lighting and Light-Signalling (GRE) (Seventy-fifth session, 5-8 April 2016) (agenda item 3.5.1)**

28. The Chair of GRE informed WP.29 about the outcome of the seventy-fifth session of GRE (for details, see the session report ECE/TRANS/WP.29/GRE/75), including a new phased approach proposed by GRE for the simplification of lighting and light-signalling Regulations. WP.29 noted that this issue would be introduced in detail under agenda item 4.2 (para. 41. below).

29. The Chair of GRE also reported on a proposal to modify the transitional provisions of earlier series of amendments to Regulation No. 48 to allow for optional installation of new equipment, which is normally approved under the latest series of amendments, with a view to increasing traffic safety.

30. Finally, he reported that GRE, when tackling the electromagnetic compatibility of trolleybuses in the framework of Regulation No. 10, had realized that trolleybuses are dual-mode vehicles which may also need to be addressed under other Regulations beyond the competence of GRE. WP.29 noted that the Working Parties concerned would be invited to consider this issue jointly with GRE.

**2. Working Party on General Safety Provisions (GRSG) (110<sup>th</sup> session, 26-29 April 2016) (agenda item 3.5.2)**

31. The Chair of GRSG, Mr. Erario (Italy), reported to WP.29 about the results achieved by GRSG during its 110<sup>th</sup> session (for more details, see the report of the session ECE/TRANS/WP.29/GRSG/89).

32. He also informed WP.29 that GRSG had discussed the cyber security, data protection and remote access to in-vehicle data in the context of protecting odometer equipment against mileage fraud. In a broader context of an exchange of views on In-vehicle Electronic Data Storage Systems, GRSG had reiterated its position to seek the advice of WP.29 on how to proceed with the coordination of the activities on data recording and data protection within the Working Parties subsidiary to WP.29 and their IWGs involved in automated driving (ITS/AD), Automated Commands Steering Functions (GRRF/ACSF) and Automated Emergency Call Systems (GRSG/AECS) and others (Event Data Recorder (EDR), odometer, etc.). WP.29 recommended that these activities be coordinated by ITS/AD and requested ITS/AD to set up common guidelines on cyber security, in-vehicle data recording and its protection.

**3. Working Party on Passive Safety (GRSP) (Fifty-ninth session, 9-13 May 2016) (agenda item 3.5.3)**

33. The representative of the United States of America, on behalf of the Chair of GRSP informed WP.29 about the results made by his group during its fifty-ninth session (for details, see the session report ECE/TRANS/WP.29/GRSP/59)

34. He informed the World Forum that the expert from Belgium had introduced a proposal to transfer additional safety provisions for electrical safety of trolleybuses from UN Regulation No. 107 (M2 and M3 vehicles) to UN Regulation No. 100 (Electric Power Trained Vehicles). Thus, he announced that the expert from Belgium had volunteered to conduct a detailed analysis and to introduce a proposal on all related issues to GRSG and GRE.

**4. Working Party on Pollution and Energy (GRPE) (Seventy-third session, 7-10 June 2016) (agenda item 3.5.4)**

35. The Vice-Chair of GRPE, Ms. R. Urdhwareshe (India), reported to WP.29 about the results achieved by GRPE during its seventy-third session (for more details, see the report of the session ECE/TRANS/WP.29/GRPE/73).

36. WP.29 was informed about the extension of the mandate of the IWG on PMP until June 2019 with two new specific objectives in the updated terms of reference and rules of procedure: (a) Perform a Round Robin test to demonstrate the feasibility to measure particles with a size below 23 nanometre with the existing PMP methodology properly modified; (b) Develop a suggested common test procedure for sampling and assessing brake wear particles both in terms of mass and number.

37. WP.29 noted the conclusion of the activities by the IWG on GFV and acknowledged the work performed by the IWG during its mandate.

38. WP.29 was informed about the election of officers postponed to the next GRPE session in January 2017 since there was no candidate for the Chairmanship.

39. The representative of the European Union informed WP.29 about the new European legislation on emissions coming into force for new vehicles as of September 2017. She insisted that no vehicles will be allowed to enter into the European market without fulfilling the new provisions on real driving emissions and Worldwide Harmonized Light Vehicle Test Procedure (WLTP). She mentioned that for this purpose, the European Union Member States may envisage to cease applying UN Regulations Nos. 83 and 101 as of September 2017.

40. The representative of OICA stressed the complexity to transpose the complete WLTP project into the 1958 Agreement due to the lack of harmonization in the current UN GTR No. 15. He also expressed his concern on the consequences for the industry if Contracting Parties to the 1958 Agreement being member States of the European Union ceased applying UN Regulations Nos. 83 and 101. He suggested a stepwise approach to solve this urgent matter, whereby only the European part of WLTP would urgently be transposed into UN Regulations Nos. 83 and 101, such that the UN Regulations would reflect the EU legislation and thus still be applied by the EU, as has been done till now. He added that the transposal of the complete WLTP could then occur in a further step. The representative of OICA suggested that the further way forward for the transposal of WLTP, either through a new UN Regulation or through amendments to UN Regulations Nos. 83 and 101, be kept open for the time being, for further consideration by GRPE and the Informal Group on IWVTA.

41. Following the discussion, WP.29 agreed to introduce transitional provisions in UN Regulations Nos. 83 and 101 to specify that Contracting Parties applying UN Regulations Nos. 83 and 101 which would also apply WLTP as defined in UN GTR No. 15 (such as EU) would have no obligation to accept type-approvals granted on the basis of test cycles

other than WLTP as of September 2017. WP.29 agreed to take this as an interim solution while the new UN Regulation on WLTP would be developed. WP.29 noted no objection by any of the Contracting Parties to the 1958 Agreement on this way forward. WP.29 requested the secretariat to prepare an official document for the WP.29 March 2017 session, subject to the endorsement of GRPE at its January 2017 session, on supplements to Regulations Nos. 83 and 101 introducing such transitional provisions.

42. The representative of Germany reported on the vehicle emissions testing programme performed in his country. He provided WP.29 with the link to the report on the results, which is available since April 2016: [www.bmvi.de/SharedDocs/EN/Publikationen/bericht-untersuchungskommission-volkswagen.html](http://www.bmvi.de/SharedDocs/EN/Publikationen/bericht-untersuchungskommission-volkswagen.html).

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

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

*Documentation:* ECE/TRANS/WP.29/343/Rev.24

43. The secretariat informed the World Forum about the latest update of the status of the 1958 Agreement (ECE/TRANS/WP.29/343/Rev.24) containing the information received by the secretariat until 12 June 2016, which was available on the WP.29 website at: [www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29fdocstts.html](http://www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29fdocstts.html). WP.29 noted that Contracting Parties should notify the secretariat about any amendments needed to the status document.

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

*Documentation:* WP.29-169-04-Rev.1

44. The Chair of GRE introduced a new staged approach and timeline for the simplification of the lighting and light-signalling Regulations in the period of 2016-2019 (WP.29-169-04-Rev.1). He explained that Stage 1 would include consolidation and freeze of the existing Regulations and their gradual replacement by three new Regulations on road illumination devices, light-signalling devices and retro-reflective devices. Stage 2 would include further amending of the three new Regulations and Regulation No. 48 to introduce technologically neutral and performance-based requirements. WP.29 endorsed the proposed approach and extended the mandate of the Informal Working Group "Simplification of the Lighting and Light-Signalling Regulations" until 2018.

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

45. No new information was provided for this agenda item.

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

*Documentation:* ECE/TRANS/WP.29/2015/68

46. The representative of Japan, Chair of the IWG on IWVTA, reported on the good progress made during the meetings of the group on the development of draft UN Regulation

No. 0 (WP.29-169-11) and of the Question and Answer document. He also outlined the positive outcome of the pretesting exercise by the group of draft UN Regulation No. 0, which will be made available to WP.29 delegates together with "the Question and Answer document".

47. The Chair of the IWG on IWVTA announced the group's intention to present the draft of UN Regulation No. 0 at the forthcoming session of WP.29 on the basis of an informal document.

#### **D. Consideration of amendments to the 1958 Agreement (agenda item 4.4)**

*Documentation:* ECE/TRANS/WP.29/2016/2

48. The representative of EU informed WP.29 that following the decision by the European Council the EU was ready to endorse the text of draft Revision 3 to the 1958 Agreement as reflected in ECE/TRANS/WP.29/2016/2. The representative of Australia stated that following notification by the UN Office for Legal Affairs (OLA), internal proceedings must be followed and he was hopeful to receive a positive outcome in the following six months.

49. The World Forum welcomed the good news and noted no objection from the represented Contracting Parties to the 1958 Agreement. Recalling the offer by EU at a former session of WP.29 (report ECE/TRANS/WP.29/1112, para. 13), WP.29 invited the representative of EU to proceed with the notification process to OLA on Revision 3 of the 1958 Agreement.

#### **E. Development of an electronic Database for the Exchange of Type Approval documentation (DETA) (agenda item 4.5)**

50. The secretariat informed WP.29 about the budget request on the costs for hosting DETA that had been submitted to the Executive Office, about the procedure for adopting the budget and that the tender procedure, according to the UN Rules, would start once the budget would be allocated.

51. On behalf of the Secretary of the IWG on DETA, the secretariat reported on the meeting of the informal group held on 15 June 2016 in London. He noted the election of Mr. S. Paeslack from Germany as the Chair of the IWG and that Germany would continue to host DETA as an interim solution. He also reported on the discussion related to the financing of DETA and the need for the software house to update the software in order to accommodate the additional specifications related to the Revision 3 of the 1958 Agreement. He added that the software house estimated that such software modification would cost around 200,000 Euros. He concluded that the group requested a mandate extension of three years.

52. WP.29 agreed to extend the mandate of the IWG on DETA until June 2019.

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

53. The World Forum considered the draft amendment under agenda items 4.6.1 to 4.6.7 and recommended their submission to AC.1 for voting.

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

54. The World Forum considered the draft amendment under agenda items 4.7.1 to 4.7.5 and recommended their submission to AC.1 for voting.

55. The representative of OICA stated that the procedure to grant extensions of existing approvals, following the entry into force of a new supplement, is already addressed by the General Guidelines for United Nations Regulatory Procedures and Transitional Provisions in UN Regulations (ECE/TRANS/WP.29/1044/Rev.1, para. 30). However, the representative of the EU was not in the position to confirm this statement in a general manner, as it is deemed to require further discussion and interpretation in its specific context.

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

56. The World Forum considered the draft amendments under agenda items 4.8.1 to 4.8.4 and recommended their submission to AC.1 for voting.

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

57. The World Forum considered the draft amendments under items 4.9.1 to 4.9.12 and recommended their submission to AC.1 for voting subject to the editorial corrections below:

58. Agenda item 4.9.4., in ECE/TRANS/WP.29/2016/52, amend the title of the document to read: "Proposal for Supplement 21 to Regulation No. 54", amend the title on page 2, to read: "Supplement 21 to Regulation No. 54 (Tyres for commercial vehicles and their trailers)"

59. Agenda item 4.9.8, Regulation No. 78, ECE/TRANS/WP.29/2016/56, amend to read:

*Page 3, the proposed insertion of a new paragraph 5.1.16, shall be deleted.*

*Page 4, the proposed amendment to paragraph 9, shall be deleted.*

**J. Consideration of draft amendments to existing Regulations submitted by GRSG (agenda item 4.10)**

60. No proposals had been submitted by GRSG for this session.

**K. Consideration of draft corrigenda to existing Regulations submitted by GRRF (agenda item 4.11)**

61. No corrigenda had been submitted by GRRF for this session.

**L. Consideration of draft corrigenda to existing Regulations submitted by the secretariat, if any (agenda item 4.12)**

62. No corrigenda had been submitted by the secretariat for this session.

**M. Consideration of pending proposals for amendments to existing Regulations submitted by the Working Parties subsidiary to the World Forum (agenda item 4.13)**

*Documentation:* ECE/TRANS/WP.29/2016/27

63. The World Forum considered the pending proposal for amendment under agenda item 4.13.1 and recommended its submission to AC.1 for voting.

**N. Consideration of proposals for new Regulations submitted by the Working Parties subsidiary to the World Forum (agenda item 4.14)**

64. The World Forum considered the draft proposals for new Regulations under agenda items 4.14.1 to 4.14.4 and recommended their submission to AC.1 for voting.

**O. Pending proposals for amendments to existing Regulations submitted by the Working Parties to the World Forum (agenda item 4.15)**

*Documentation:* ECE/TRANS/WP.29/2016/74

65. The World Forum considered the pending proposal for amendment under agenda item 4.15.1 and recommended its submission to AC.1 for voting.

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

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

*Documentation:* ECE/TRANS/WP.29/1073/Rev.16

66. The World Forum noted the consolidated document containing the status of the Agreement (ECE/TRANS/WP.29/1073/Rev.16). The secretariat reported that some Contracting Parties had fulfilled their obligation to send their status reports and final notifications, on the progress of transposition of the UN GTRs and their amendments into their domestic law. The representatives of the Contracting Parties were reminded about their obligation to send the reports and final notifications on the transposition (explicitly specified in the document) only through their Permanent Missions in Geneva via the "1998 AGREEMENT-MISSIONS List" electronic system, as mandatorily requested by UN OLA. The World Forum noted that these reports and notifications were not processed if submitted by e-mail to the secretariat.

67. The World Forum agreed that agenda items 5.2 to 5.6 should be considered in detail by the Executive Committee of the 1998 Agreement (AC.3).

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

*Documentation:* WP.29-169-16

68. The representative of the Russian Federation informed the World Forum about a national Law on Standardization, which would come into force in full as of 1 July 2016. He outlined the objectives and main features of the new Law and its application, in particular the possibility of referencing to national and international standards in legal acts. Further details on the new Law and its implementation could be obtained at the website [www.gost.ru](http://www.gost.ru). The representative of the United States of America showed interest to this initiative and asked further follow-up for the November 2016 session of WP.29.

68Bis. The representative of Global NCAP presented the outcome (WP.29-169-16) of their activities in India and crash test results with quadricycle, vehicles of category L7 performed by Euro NCAP.

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

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

*Documentation:* ECE/TRANS/WP.29/1074/Rev.6  
Informal document: WP.29-169-14

69. The secretariat recalled the consolidated document (ECE/TRANS/WP.29/1074/Rev.6) on the status of the Agreement including the status of the UN Rules annexed to the Agreement, the list of the Contracting Parties to the Agreement and of their Administrative Departments.

70. The representative of Kazakhstan informed WP.29 about the new development in his country related to Periodic Technical Inspections (PTI) and referred to WP.29-191-14 which presents the PTI Certificate being issued in his country in lieu of the International PTI Certificate.

71. The Chair of WP.29 kindly asked the secretariat to distribute the information so that international traffic would be facilitated taking into account the notification of the PTI Certificate used in Kazakhstan.

### **B. Update of UN Rules Nos. 1 and 2 (agenda item 7.2)**

*Documentation:* ECE/TRANS/WP.29/2013/132/Rev.1  
ECE/TRANS/WP.29/2013/133/Rev.1  
Informal documents: WP.29-169-07 and WP.29-169-08

72. The representative of the Russian Federation, Co-Chair of IWG on PTI, presented the revised proposal for Revision 2 to Rule No. 1 and draft amendments to Rule No. 2 developed by the group. He noted that the documents were harmonized with the provisions of the latest Regulations, annexed to the 1958 Agreement, and harmonized with the European Directive 2014/45/EU, Customs Union Regulation and other national legislations.



73. He explained that to ease the conditions for accession to the 1997 Agreement by the majority of Member States of the United Nations, the group proposed to exclude M<sub>1</sub> and N<sub>1</sub> vehicle categories from the scope of the Rules.

74. He, however, recalled that WP.29 at its 156<sup>th</sup> session (ECE/TRANS/WP.29/1095, para 84), had decided to extend the scope of the UN Rules to M<sub>1</sub> and N<sub>1</sub> vehicle categories, which had been reconfirmed at its 162<sup>nd</sup> session (ECE/TRANS/WP.29/1108) and that the corresponding draft amendments (ECE/TRANS/WP.29/2013/132/Rev.1 and ECE/TRANS/WP.29/2013/133/Rev.1) had been developed by the Russian Federation and CITA. He noted that a limited number of the Contracting Parties attended IWG on PTI and asked, therefore, for guidance by WP.29 on the subject.

75. The representative of Finland proposed to keep M<sub>1</sub> and N<sub>1</sub> vehicle categories in the scope of the Rules.

76. The representative from Hungary confirmed that for his country UN Rules covering M<sub>1</sub> and N<sub>1</sub> vehicle categories, harmonized with EU legislation, would be necessary.

77. WP.29 requested the IWG on PTI to continue the work on revising UN Rules Nos. 1 and 2 and to submit draft amendments, covering both M<sub>1</sub> and N<sub>1</sub> vehicle categories for the next session.

### **C. Establishment of requirements for testing equipment, for skills and training of inspectors and for supervision of test centres (agenda item 7.3)**

*Documentation:* Informal document: WP.29-169-09

78. The representative of the Russian Federation, Co-Chair of IWG on PTI, presented the results of the fourth meeting of IWG on PTI. He thanked Automobile and Motorcycle Association of Serbia (AMSS) for arranging the last meeting.

79. He informed WP.29 that the group had agreed on requirements for test methods, test tools, devices and equipment to be used for demonstrating compliance with vehicle performance requirements for incorporation into UN Rules.

80. He added that the general obligations and responsibilities of the Contracting Parties necessary to arrange PTI would be inserted in the 1997 Agreement.

81. He reported that the IWG on PTI had decided to develop a Resolution for detailed recommendations ensuring the objectivity and the high quality of the technical inspections. Contracting Parties would refer to this Resolution when establishing the suitability of their PTI system for the assessment of compliance with the prescriptions of UN Rules in the framework of the 1997 Agreement.

82. He recalled that, according to the Terms of Reference of IWG on PTI, the draft proposals on conformity of PTI process incorporating the draft amendments to the 1997 Agreement and the draft Resolution should be submitted to WP.29 in November 2016. Submission of draft documents on minimum inspection requirements for Liquefied Petroleum Gas (LPG)/Compressed Natural Gas (CNG) vehicles and electric and hybrid-electric vehicles to WP.29, was confirmed by the group for March 2017 and November 2017 accordingly.

83. The Co-Chair informed WP.29 that the next meeting had been scheduled for the beginning of September 2016 in Bucharest and invited the interested countries to take part.

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

### **A. Exchange of information on enforcement of issues on defects and non-compliance, including recall systems (agenda item 8.1)**

84. The Enforcement Working Group did not convene and decided to defer a meeting to, possibly, the November 2016 session of WP.29.

85. The representative of the Russian Federation informed WP.29 about arrangements between manufacturers and the Government concerning recall systems. He explained that these arrangements are fixed in an agreed document, which is of both normative and recommendatory nature, and contains a road map for implementing of the necessary actions. He reiterated that this document complements the compulsory norms applicable in case non-compliances are detected.

### **B. Consistency between the provisions of the 1968 Vienna Convention and the technical provisions for vehicles of UN Regulations and UN Global Technical Regulations adopted in the framework of the 1958 and 1998 Agreements (agenda item 8.2)**

*Documentation:* ECE/TRANS/WP.1/153

86. The World Forum was informed by the secretariat of the Working Party of Road Safety (WP.1) about the outcome of the WP.1 March 2016 session on issues of common interest for WP.1 and WP.29. Focus had been on two issues (a) the ongoing amendment proposals to Annex 5 of the 1968 Convention on Road Traffic dealing with the provisions for the lighting and light-signaling devices to be harmonized with those under the 1958 Agreement and (b) the amendment proposals to the 1949 Convention on Road Traffic. As concerns the latter, WP.1 noted that, due to different legal procedures, the corresponding amendments to the 1949 Convention could not be successfully adopted; WP.29 was informed that WP.1 consequently might further review how the 1968 and 1949 Conventions can remain aligned, as needed.

87. The representative from Finland, ambassador of both the IWG on ITS/AD (see ECE/TRANS/WP.29/1118 para. 92) and the new Informal Group of Experts on Autonomous Driving under WP.1 reported on the important progress achieved during the first meetings of this new Informal Group of Experts of WP.1. The Group had met three times as of April 2016. He reported that (a) the group had assessed that no amendment to the Convention(s) was necessary to allow for the testing of driverless vehicles on public roads, (b) discussions are continuing on the need to further amend the Conventions to address high levels of automation, and (c) the group was dealing with interpretations of road traffic conventions for new technologies already on the market, including remote controlled parking and semi-autonomous motorway driving.

### **C. Proposal for amendments to the Consolidated Resolution on the Construction of Vehicles (R.E.3) (agenda item 8.3)**

88. No new proposals have been submitted under this agenda item.

**D. Autonomous vehicles (agenda item 8.4)**

89. The World Forum took note of the brief status report of the IWG on ITS/AD (see paras. 81 to 83).

**E. Documents for publication (agenda item 8.5)**

90. The World Forum took note of the progress in translating the authentic texts of the Regulations adopted by WP.29 in November 2015 and their entry into force this month.

91. The secretariat informed the World Forum that the leaflets and brochures issued by the secretariat were also available in electronic form and encouraged Contracting Parties to use them for national road safety campaigns.

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

*Documentation:* Informal document WP.29-169-13

92. The secretariat introduced WP.29-169-13, recalling the discussion that took place at GRRF in the context of IWVTA (WP.29-168-15) and, separately, on the issue of the performance of automotive systems in conditions other than those tested according to the regulated test procedures as well as the fact that the new regulation on TPMS systems could serve as a case study for consideration by the Working Parties. He added that the document had listed the existing tools used to regulate the performance of automotive systems in conditions other than those tested in the framework of type-approval or self-certification.

93. The representative of the Russian Federation supported the document and noted that the importance of taking into consideration the wide variety of intelligent systems in vehicles. In his opinion, there should be requirements for the reliability of the vehicles and components and requirements for the performance of the vehicles in use. The first group of requirements could be covered by the methodology applied by the manufacturer to the design process and the information, which should be disclosed to the technical service, for type approval purposes.

94. He noted that the performance of vehicles "in service" differs from performance prescribed for a new motor vehicle in UN Regulations and referred to R.E.3, paragraphs 8.1.1.1. and 8.1.1.2. According to these paragraphs, the braking performance may be verified by methods and at speeds different from those prescribed in the relevant UN Regulations No. 13 and 13-H. The representative of the Russian Federation proposed an approach to install limits for decreasing performance of vehicles in use and verify them in the frame of the 1997 Agreement Rules. He proposed that the task could be reviewed by IWG on PTI to develop related proposals.

95. The representative of the EU welcomes a discussion on this important topic on the basis of this document yet sees the need for further horizontal reflections at the level of WP.29.

96. The representative of the United Kingdom, Chair of GRRF stated that the matter might be considered under the PTI view point, but that the first priority would be to verify the fitness of UN Regulations with regard to the points raised in the document.

97. Following the intervention of the representative of EU, WP.29 welcomed the document and agreed that the Chairs of Working Parties should check the suitability of Regulations dealing with complex electronic systems and software and, specifically focus on the responsibilities of the approval applicant, the technical service and the Type Approval Authorities, the precision of the requirements and identify, if needed, provisions that could provide clarification to avoid ambiguity.

## G. Tributes

98. WP.29 noted that Mr. Kutenev (Russian Federation) and Mr. Ayral (CLEPA) would retire and no longer attend the sessions. The World Forum acknowledged their continued support and highly valuable contributions during the decades of participation and wished them all the best in their future activities.

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

99. The World Forum adopted the report on its 169<sup>th</sup> session and its annexes on the basis of a draft prepared by the secretariat. The report includes the sections related to the Administrative Committee of the 1958 Agreement and to the Executive Committee of the 1998 Agreement.

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

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

100. Of the 53 Contracting Parties to the Agreement, 27 were represented and established AC.1 for its sixty-third session held on 22 June 2016.

101. AC.1 invited Mr. A. Erario, Vice-Chair of WP.29, to chair the session.

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

102. The results of the voting on the documents submitted are reflected in the following tables:

<i>Amendments to existing Regulations</i>							
<i>Regulation No.</i>	<i>Subject of the Regulation</i>	<i>Contracting Parties</i>		<i>Document: ECE/TRANS/WP.29/...</i>	<i>Voting result: for/against/abstentions</i>	<i>Document status</i>	<i>Remark</i>
		<i>applying the Regulation</i>	<i>represented and voting</i>				
9	Noise of three-wheeled vehicles	26	15	2016/45	15/0/0	Suppl. 2 to 07	
11	Door latches and hinges	44	35	2016/33	35/0/0	Suppl. 4 to 03	*
11	Door latches and hinges	44	35	2016/34	35/0/0	Suppl. 1 to 04	*
13	Heavy vehicle braking	46	37	2016/49	37/0/0	Suppl. 14 to 11	*

<i>Amendments to existing Regulations</i>							
<i>Regulation No.</i>	<i>Subject of the Regulation</i>	<i>Contracting Parties</i>		<i>Document: ECE/TRANS/WP.29/....</i>	<i>Voting result: for/against/abstentions</i>	<i>Document status</i>	<i>Remark</i>
		<i>applying the Regulation</i>	<i>represented and voting</i>				
13-H	Brakes of M <sub>1</sub> and N <sub>1</sub> vehicles	48	37	2016/50	37/0/0	01	*
14	Safety-belt, ISOFIX and i-Size anchorages	46	37	2016/35	37/0/0	Suppl. 7 to 07	*
16	Safety-belt, ISOFIX and i-Size anchorages	45	36	2016/36	36/0/0	Suppl. 7 to 06	*
30	Tyres for passenger cars and their trailers	47	38	2016/51	38/0/0	Suppl. 18 to 02	*
41	Noise emissions of motorcycles	44	36	2016/46	36/0/0	Suppl. 5 to 04	*
44	Child Restraint Systems	41	35	2016/37	35/0/0	Suppl. 11 to 04	*
49	Emissions of compression ignition and positive ignition (LPG and CNG) engines	43	35	2016/40	35/0/0	Suppl. 8 to 05	*
49	Emissions of compression ignition and positive ignition (LPG and CNG) engines	43	35	2016/41	35/0/0	Suppl. 4 to 06	*
54	Tyres for passenger cars and their trailers	46	37	2016/52 as amended by para. 58	37/0/0	Suppl. 21	*
55	Mechanical couplings	42	34	2016/53	34/0/0	Suppl. 6 to 01	*
60	Driver operated controls (mopeds/motorcycles)	39	34	2016/27	34/0/0	Suppl. 5	*
63	Noise emissions of mopeds	27	16	2016/47	16/0/0	Suppl. 2 to 02	
64	Temporary use spare unit, run flat tyres, run flat-system and tyre pressure monitoring system	40	34	2016/54	34/0/0	03	*
75	Tyres for L-category vehicles	43	34	2016/55	34/0/0	Suppl. 16	*
78	Braking (category L vehicles)	44	36	2016/56 as amended by para. 59	36/0/0	Suppl. 3 to 03	*

<i>Amendments to existing Regulations</i>							
<i>Regulation No.</i>	<i>Subject of the Regulation</i>	<i>Contracting Parties</i>		<i>Document: ECE/TRANS/WP.29/....</i>	<i>Voting result: for/against/abstentions</i>	<i>Document status</i>	<i>Remark</i>
		<i>applying the Regulation</i>	<i>represented and voting</i>				
79	Steering equipment	41	34	2016/57	34/0/0	Suppl. 5 to 01	*
83	Emissions of M <sub>1</sub> and N <sub>1</sub> vehicles	43	35	2016/42	35/0/0	Suppl. 7 to 06	*
83	Emissions of M <sub>1</sub> and N <sub>1</sub> vehicles	43	35	2016/43	35/0/0	Suppl. 3 to 07	*
90	Replacement braking parts	42	34	2016/58	34/0/0	Suppl. 3 to 02	*
92	Replacement exhaust silencing systems (RESS) for motorcycles	22	13	2016/48	13/0/0	Suppl. 1 to 01	
106	Tyres for agricultural vehicles	46	35	2016/59	35/0/0	Suppl. 14	*
113	Headlamps emitting a symmetrical passing-beam	49	39	2016/74	39/0/0	Suppl. 6 to 01	*
115	LPG and CNG retrofit systems	48	36	2016/44	36/0/0	Suppl. 7	*
117	Tyres, rolling resistance, rolling noise and wet grip	49	38	2016/60	38/0/0	Suppl. 9 to 02	*
129	Enhanced Child Restraint Systems (ECRS)	51	40	2016/38	40/0/0	01	*
134	Hydrogen and fuel cells vehicles (HFCV)	51	40	2016/39	40/0/0	Suppl. 2	*

\* The EU representative voting for the 28 EU member States.

<i>New Regulations</i>				
<i>Subject of the Regulation</i>	<i>Contracting Parties: represented and voting</i>	<i>Document: ECE/TRANS/WP.29/...</i>	<i>Voting result: for/against/abstentions</i>	<i>Remark</i>
Regulation on Brake Assist Systems (BAS)	41	2016/61	41/0/0	*
Regulation on Electronic Stability Control (ESC)	41	2016/62	41/0/0	*
Regulation on Tyre Pressure Monitoring Systems (TPMS)	41	2016/63	41/0/0	*
Regulation on tyre installation	41	2016/64	41/0/0	*

\* The EU representative voting for the 28 EU member States.

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

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

*Documentation:* Informal document: WP.29-169-06

103. The forty-seventh session of the Executive Committee (AC.3) was held on 23 June 2016 and chaired by the representative of the EU, Mr. I. Yarnold. The representatives of 14 of the 36 Contracting Parties to the Agreement attended: Australia, Canada, China, the European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, the Netherlands, Romania, Slovakia, Slovenia, Spain, Sweden and the United Kingdom), India, Japan, Kazakhstan, Norway, the Republic of Korea, San Marino, South Africa, the Russian Federation, Turkey and the United States of America.

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

*Documentation:* ECE/TRANS/WP.29/1073/Rev.16, ECE/TRANS/WP.29/2015/108, ECE/TRANS/WP.29/65  
Informal document: WP.29-169-05

104. The secretariat presented informal document WP.29-169-05, entitled 'Status of the 1998 Agreement of the global registry and of the compendium of candidates - Situation on priorities and proposals to develop UN GTRs as of 15 June 2016'.

## **XVI. Consideration and vote by AC.3 of draft UN Global Technical Regulations and/or draft amendments to established UN Global Technical Regulations and Special Resolutions (agenda item 14)**

105. In accordance with the agreement of Contracting Parties, the Chair proposed to defer the vote on proposals under agenda items 14.1, 14.2 and 14.3 to the forty-eighth session of the Executive Committee (November 2016).

### **A. Proposal for a new UN GTR on the measurement procedure for two- or three-wheeled motor vehicles equipped with a combustion engine with regard to the crankcase and evaporative emissions (agenda item 14.1)**

*Documentation:* ECE/TRANS/WP.29/2016/66, ECE/TRANS/WP.29/2016/67,  
ECE/TRANS/WP.29/AC.3/36/Rev.1

106. AC.3 agreed to defer this subject to its November 2016 session.

### **B. Proposal for Amendment 1 to UN GTR No. 15 (Worldwide harmonized Light vehicles Test Procedures (WLTP)) (agenda item 14.2)**

*Documentation:* ECE/TRANS/WP.29/2016/68, ECE/TRANS/WP.29/2016/69,  
ECE/TRANS/WP.29/AC.3/39

107. AC.3 agreed to defer this subject to its November 2016 session.

### **C. Proposal for Amendment 1 to UN GTR No. 16 (Tyres) (agenda item 14.3)**

*Documentation:* ECE/TRANS/WP.29/2016/70, ECE/TRANS/WP.29/2016/71,  
ECE/TRANS/WP.29/AC.3/42

108. AC.3 agreed to defer this subject to its November 2016 session.

### **D. Proposal for Special Resolution No. 2 (S.R.2) (agenda item 14.4)**

*Documentation:* ECE/TRANS/WP.29/2016/65

109. A proposal for Special Resolution No. 2 (S.R.2) was submitted for consideration and vote (ECE/TRANS/WP.29/2016/65) and adopted on 23 June 2016 by consensus vote of the following Contracting Parties present and voting: Australia, Canada, China, the European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, the Netherlands, Romania, Slovakia, Slovenia, Spain, Sweden and the United Kingdom), India, Japan, Kazakhstan, Norway, the Republic of Korea, San Marino, South Africa, the Russian Federation, Turkey and the United States of America

110. The representatives of Japan, the United States of America and the European Union, as sponsors to S.R.2, noted that S.R.2 constitutes additional efforts aimed at improving the implementation of the 1998 Agreement. A first set of follow-up actions were discussed, including increased transparency of the work, improving the website and meeting attendance opportunities, meeting management improvements and developing a revised work plan. Input and cooperation from the secretariat were noted and appreciated. It was



also noted that this work could partially apply to WP.29 in general. Lastly, all Contracting Parties were asked to review the 1998 Agreement work plan and provide comments at the November 2016 meeting.

111. The representative of Japan stated their concurrence with the statements made by the representatives of the EU and the United States of America, and reiterated their support and dedication to the proposed process.

112. The Chair of AC.3 summarized the discussion highlighting the main points reflected upon by the representatives, highlighting transparency and the programme of work. He proposed to include an agenda item on the programme of work for the AC.3 session in November 2016.

113. The secretariat clarified that S.R.2 does not require implementation according to the provisions of Article 7 (adoption, and notification of application of established global technical regulations) of the Agreement. AC.3 requested the secretariat to inform Contracting Parties about the establishment of S.R.2 through the "1998 AGREEMENT-MISSIONS List" electronic system.

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

114. AC.3 reminded representatives of Contracting Parties that a listed technical regulation shall be removed from the Compendium of Candidates, either: (a) upon establishment in the Global Registry of a UN GTR, (b) at the end of five-year period following the regulation's listing, unless by affirmative vote of AC.3 or (c) in response to a written request from the Contracting Party (see section IV of ECE/TRANS/WP.29/1073/Rev.16).

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

115. No guidance was requested by Contracting Parties under this agenda item.

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

### **A. UN GTR No. 1 (Door locks and door retention components) (agenda item 17.1)**

*Documentation:* ECE/TRANS/WP.29/2016/72

116. AC.3 adopted ECE/TRANS/WP.29/2016/72 and requested the secretariat to submit it as an official AC.3 document.

**B. UN GTR No. 2 (Worldwide Motorcycle emission Test Cycle (WMTC)) (agenda item 17.2)**

*Documentation:* ECE/TRANS/WP.29/AC.3/36/Rev.1, ECE/TRANS/WP.29/2015/113, ECE/TRANS/WP.29/AC.3/36

117. The representative of IMMA reported on the significant progress made by the IWG on Environmental and Propulsion Performance Requirements (EPPR), particularly on the adoption at the seventy-third session of GRPE of a new global technical regulation on the measurement procedure for two- or three-wheeled motor vehicles with regard to on-board diagnostics. He mentioned that the next priority of the IWG on EPPR is to initiate the work on amendment to UN GTR No. 2.

**C. UN GTR No. 3 (Motorcycle braking) (agenda item 17.3)**

*Documentation:* ECE/TRANS/WP.29/AC.3/37

118. The representative of Italy recalled the adoption of Supplement 3 to the 03 series of amendments to Regulation No. 78 (Motorcycle braking) and proposed to amend GTR No. 3 in order to keep both regulations harmonized. He reported that GRRF would review this item at its September 2016 session and that Italy would then request the authorization to develop an amendment to UN GTR No. 3 at the November 2016 session of AC.3

**D. UN GTR No. 6 (Safety glazing) (agenda item 17.4)**

*Documentation:* ECE/TRANS/WP.29/AC.3/41

119. The representative of the Republic of Korea presented the work development of the IWG on Panoramic Sunroof Glazing (PSG). The group had collected detailed data on glass breakage to clarify the reasons for breakage and to consider an amendment to GTR No. 6 (definition of toughened glass and test procedure). An analysis of the data ended further collection when a global investigation of the complaint data showed a low number of minor injuries such as scratches and cuts. The IWG on PSG met in April 2016 to discuss definitions of overhead glazing that represents all glazing on the roof of vehicles excluding buses; the area is delimited by ceramic print. The next meeting is scheduled for 28 June 2016 in Bonn, Germany. The IWG on PSG aims to submit a draft amendment to UN GTR No. 6 at the next GRSG meeting.

**E. UN GTR No. 7 (Head restraints) (agenda item 17.5)**

*Documentation:* ECE/TRANS/WP.29/2014/86, ECE/TRANS/WP.29/2012/34, ECE/TRANS/WP.29/2011/86, ECE/TRANS/WP.29/2010/136, ECE/TRANS/WP.29/AC.3/25, ECE/TRANS/WP.29/AC.3/25/Rev.1

120. The representative of Japan informed AC.3 that the IWG expected to finalize a proposal for amendment to the UN GTR for the December 2016 session of GRSP. He concluded that the extension of the mandate until March 2017 would be aimed to complete the work of the IWG.

**F. UN GTR No. 9 (Pedestrian safety) (agenda item 17.6)**

*Documentation:* ECE/TRANS/WP.29/GRSP/2014/15,  
ECE/TRANS/WP.29/GRSP/2014/16, ECE/TRANS/WP.29/AC.3/24,  
ECE/TRANS/WP.29/AC.3/31  
Informal document WP.29-169-10

121. The expert from the United States of America reported that National Highway Traffic Safety Administration (NHTSA) had begun its cost-benefit analysis and hopes to present its results during the December 2016 session of GRSP. He also added that the Notice of Proposal of Regulation Making (NPRM) on pedestrian safety had some delays, and that NHTSA was addressing the process of transposition of both UN GTR Phases 1 and 2 in the United States of America.

122. The expert from the Republic of Korea introduced a proposal for authorization to amend UN GTR (WP.29-169-10), to incorporate provisions for active deployable systems in the bonnet area. AC.3 requested the secretariat to distribute it with an official symbol at its November 2016 session.

**G. UN GTR No. 15 (Worldwide harmonized Light vehicle Test Procedures (WLTP) – Phase 2) (agenda item 17.7)**

*Documentation:* ECE/TRANS/WP.29/AC.3/39, ECE/TRANS/WP.29/2016/29,  
ECE/TRANS/WP.29/AC.3/73

123. The representative of the European Union reported on activities by the IWG on WLTP. She informed AC.3 that new UN GTR on evaporative emissions was expected in 2017.

124. AC.3 adopted ECE/TRANS/WP.29/2016/73 on the authorization to develop Phase 2 of UN GTR No. 15 on WLTP and requested the secretariat to submit it as an AC.3 official document.

**H. UN GTR No. 16 (Tyres) (agenda item 17.8)**

*Documentation:* ECE/TRANS/WP.29/AC.3/42

125. The Chair of AC.3 recalled that the proposal for amendment 1 to UN GTR No. 16 had been deferred to the November 2016 session of AC.3 (see para. 108). He invited the Contracting Parties to reflect on the possibility of developing Phase 2 of UN GTR No. 16 and the need for a technical sponsor for this work.

**I. Draft UN GTR on Electric Vehicles Safety (EVS) (agenda item 17.9)**

*Documentation:* ECE/TRANS/WP.29/2016/30, ECE/TRANS/WP.29/2015/107,  
ECE/TRANS/WP.29/2014/87, ECE/TRANS/WP.29/2012/122,  
ECE/TRANS/WP.29/2012/121, ECE/TRANS/WP.29/AC.3/32

126. The representative from the United States of America reported on the activities of the IWG on developing the UN GTR for Electric Vehicle Safety. He stated that the IWG would submit a draft UN GTR as an informal document for the December 2016 session of the GRSP. He also informed AC.3 that the IWG had met last week (13-17 June 2016, Washington, D.C.), and had made good progress in finalizing Phase 1, however, some technical issues remained. He announced that if the IWG could not reach consensus on

these issues, guidance would be requested from AC.3. He clarified that the remaining technical issues were development of the water exposure test, propagation test, and the Battery Management System (BMS) functionality tests at the vehicle level.

**J. Draft UN GTR on Quiet Road Transport Vehicles (QRTV) (agenda item 17.10)**

*Documentation:* ECE/TRANS/WP.29/AC.3/33

127. The representative of the United States of America, in his capacity of Chair of IWG on QRTV GTR, recalled his statement at the previous session (ECE/TRANS/WP.29/1120, para. 118) and informed AC.3 about a delay in the publication of the national Rule on QRTV. Following this publication, IWG on QRTV GTR would resume its activities.

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

**A. Vehicle crash compatibility (agenda item 18.1)**

128. No new information was provided for this agenda item.

**B. Intelligent Transport Systems (agenda item 18.2)**

129. No new information was provided for this agenda item. AC.3 agreed to delete this agenda item.

**C. Harmonization of side impact (agenda item 18.3)**

130. The expert of the United States of America informed AC.3 about the work progress of the IWG. He announced that the group had planned to meet in September 2016 to finalize a draft addendum to the Mutual Resolution No. 1 to incorporate specifications of the 50<sup>th</sup> percentile World Side Impact dummy (SID). He confirmed that the harmonization activities of the 5<sup>th</sup> percentile World SID female dummy still needed revision and time.

**D. Electric vehicles and the environment (EVE) (agenda item 18.4)**

*Documentation:* ECE/TRANS/WP.29/2014/81, ECE/TRANS/WP.29/AC.3/40  
ECE/TRANS/WP.29/AC.3/32

131. The representative of Canada informed AC.3 about the ongoing activities on data and information gathering. He mentioned that a draft report on the results of part A, as well as information about different options and recommendations on the way forward had been presented and discussed at GRPE in June 2016. He highlighted the good close cooperation between the IWGs on EVE and WLTP on the topic of determining powertrain performance. He informed AC.3 about the planning of part B of the mandate under each of the areas of work: (a) recyclability was expected to be removed from any subsequent mandate; (b) a model had been developed, as an information sharing activity, to evaluate the energy consumption of a particular vehicle; (c) research and literature review on battery performance and durability: research on a method of stating energy consumption may continue and could provide a basis for the development of a new UN GTR. The

development of a new UN GTR may be initiated or research may continue; and then (d) development of a procedure for incorporation into the existing UN GTR No. 15 was expected to be recommended for the power-train performance determination, in accordance with the mandate. He mentioned that the IWG on EVE would meet in July 2016 to reach final consensus. He informed AC.3 that a request for developing UN GTRs may be submitted to the November 2016 session of AC.3 in order to initiate part B of the mandate.

#### **E. Specifications for the 3-D H point machine (agenda item 18.5)**

132. AC.3 noted the representative of Germany from resigning as Chair of the IWG on the harmonization of specifications of the 3-D H machine. AC.3 thanked Mr. Damm for his contributions and underlined the importance of this activity. The Chair of AC.3 asked the representatives of WP.29 and AC.3 to find a new Chair for the IWG.

#### **F. Hydrogen and Fuel Cell vehicles (HFCV) (UN GTR No. 13) – Phase 2 (agenda item 18.6)**

*Documentation:* ECE/TRANS/WP.29/AC.3/17

133. The representative of the United States of America informed AC.3 that NHTSA was preparing a NPRM on transposition of Phase 1 of the UN GTR, expected for the end of the 2016. On behalf of former sponsor and co-sponsor countries of Phase 1 of the UN GTR, he also added that their number would likely increase for Phase 2. He also announced that, as the programme of work of the Agreement is expected to be finalized in a near future, an informal proposal of authorization to develop Phase 2 of the UN GTR would then be presented for approval at AC.3.

#### **G. New technologies not yet regulated (agenda item 18.7)**

134. No new information was provided for this agenda item.

### **XXI. Proposals to develop new UN GTRs and/or amendments to established UN GTRs, not included under agenda item 17, if any (agenda item 19)**

135. No new proposal was provided for this agenda item.

### **XXII. Exchange of information on new priorities to be included in the programme of work (agenda item 20)**

136. The Chair initiated a discussion on the priorities of the strategy of future work, and referred to topics such as environmental protection, automation and cyber security. The representative of the European Union pointed out that these elements need to be reformulated into specific actions and in coherence with the agenda of the different organizations, so as to avoid duplication of work. She further referred to the implementation of S.R.2, aiming at a streamlining work and focusing on important areas. The agenda should be adjusted accordingly to provide discussion for this important topic.

137. The Chair recalled that in previous sessions the industry representatives, CLEPA, IMMA and OICA, had submitted ideas on elements of future work and invited them to

consolidate their ideas. The representative of OICA stated that a consolidation would be difficult, however, an update of their document would be needed to take into account the activities of different regions.

138. The Chair concluded that it would be necessary to revise the agenda of the November 2016 session to allow for discussions on the programme of work and invited Contracting Parties to reflect on priorities in preparation for the next session.

### **XXIII. Other business (agenda item 21)**

139. No subject was raised under this agenda item.

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

### **XXIV. Establishment of the Committee AC.4 and election of officers for the year 2016 (agenda item 22)**

140. Following the recommendation of WP.29, the Administrative Committee AC.4 did not convene (see para. 12).

### **XXV. Amendments to Rules Nos. 1 and 2 (agenda item 23)**

*Documentation:* ECE/TRANS/WP.29/2013/132/Rev.1,  
ECE/TRANS/WP.29/2013/133/Rev.1

141. No supplementary information was provided beyond agenda item 7.2 (see paras. 69 to 74 above).

### **XXVI. Establishment of requirements for testing equipment, for skills and training of inspectors and for supervision of test centres (agenda item 24)**

142. No supplementary information was provided beyond agenda item 7.3 (see paras. 75 to 80 above).

### **XXVII. Other business (agenda item 25)**

143. No subject was raised under this agenda item.

## Annex I

**List of informal documents (WP.29-169-...) distributed  
without a symbol during the 169<sup>th</sup> session**

<i>No.</i>	<i>Transmitted by</i>	<i>Agenda item</i>	<i>Language</i>	<i>Title</i>	<i>Follow-up</i>
1	Secretariat	2.2	E	WP.29, Working Parties, Informal Working Groups and Chairmanship	(a)
2	Secretariat	2.2	E	Draft calendar of meetings of WP.29, GRs and Committees for 2017	(a)
3	Secretariat	4.9.8	E	Proposal for amendments to ECE/TRANS/WP.29/2016/56	(b)
4	Chairman of the Working Party on Lighting and Light-Signalling	4.2	E	Simplification of Lighting and Light-Signalling Regulations. Draft overview for WP.29 based on outcome of discussions at the 75 <sup>th</sup> GRE session	(a)
5	Secretariat	13	E	Status of the 1998 Agreement of the global registry and of the compendium of candidates. Situation on priorities and proposals to develop UN GTRs as of 15 June 2016	(a)
6	Secretariat	12 and 14	E	Executive Committee of the 1998 Agreement Forty-seventh session 1. Establishment of the Executive Committee AC.3 (item 12) 2. Consideration and vote by AC.3 (item 14)	(a)
7	Co-Chairs of the Informal Group on Periodical Technical Inspections	7.2	E	Revised proposal for Revision 2 to Rule No. 1 on uniform provisions for Periodical Technical Inspections of wheeled vehicles with regard to the protection of the environment	(e)
8	Co-Chairs of the Informal Group on Periodical Technical Inspections	7.2	E	Revised proposal for draft amendments to Rule No. 2 on uniform provisions for periodical technical inspections of wheeled vehicles with regard their roadworthiness	(e)

<i>No.</i>	<i>Transmitted by</i>	<i>Agenda item</i>	<i>Language</i>	<i>Title</i>	<i>Follow-up</i>
9	Co-Chairs of the Informal Group on Periodical Technical Inspections	7.2 and 7.3	E	Report to WP.29 about results of the 4th meeting of Informal Group on Periodical Technical Inspections	(a)
10	Republic of Korea	17.6	E	Request for authorization to develop an amendment to global technical regulation No. 9 (Pedestrian safety)	(d)
11	Informal Working Group on International Whole Vehicle Type-Approval (IWVTA)	4.3	E	Report to the 169 <sup>th</sup> session from the 21 <sup>st</sup> IWVTA Informal Group meeting	(a)
12	Secretariat	1		Consolidated Annotated provisional agenda for the 169th session of the World Forum; for the sixty-third session of the Administrative Committee of the 1958 Agreement; for the forty-seventh session of the Executive Committee of the 1998 Agreement; for the ninth session of the Administrative Committee of the 1997 Agreement	(a)
13	Secretariat	8.6	E	The performance of automotive systems in conditions other than those tested in the framework of type-approval or self-certification, with TPMS as a case study	(c)
14	Secretariat	7.1	E	Example of technical inspection certificate (Kazakhstan)	(a)
15	Korea		E	Highlights of the speech by Director General Mr. Yongseog Kim of the Ministry of Land, Infrastructure and Transport in the Republic of Korea	(a)
16	Global NCAP	6	E	Global NCAP: Safer Cars for India Project - Euro NCAP: Quadricycle safety campaign	(a)

*Notes:*

- (a) Consideration completed or to be superseded.
- (b) Adopted.
- (c) Referred to all GRs and continue consideration at the next session.
- (d) Continue consideration at the next session with an official symbol.
- (e) Referred back to IWG on PTI.



## Annex II

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

#### Situation on priorities and proposals to develop UN GTRs as of 15<sup>th</sup> June 2016

##### GRRF

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS/WP.29/...)</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/..)</i>	<i>State of play/Comments</i>
[Amendment 3] to UN GTR No. 3 (motorcycle brake systems)	-	-	-	-	GRRF started initial discussions on motorcycle braking (ABS requirements for tricycles, conditions for ABS switch off and ESS).
Amendment 1 to UN GTR No. 16 (Tyres)	No	Russian Federation	AC.3/42	../GRRF/2016/2 ../GRRF/2016/3	Amendment 1 to GTR No. 16 for consideration by AC.3 in June 2016

##### GRSP

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS/WP.29/...)</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/..)</i>	<i>State of play/Comments</i>
Amendment 2 to UN GTR No. 1	No	EU		[AC.3/42]	AC.3 endorsed the request of authorization to develop the amendment at its June 2016 session.
Phase 2 of UN GTR No. 7 (Head Restraints)	Yes/UK	Japan	AC.3/25/Rev.1	2014/86 (fourth progress report) GRSP/2015/34 (Draft UN GTR)	GRSP is expected to consider an informal proposal, addressing all issues, including draft Addendum 1 to the M.R.1 at its December 2016 session. AC.3 agreed to extend the mandate of the IWG until March 2017.
Phase 2 of UN GTR No. 9 (Flex-PLI) (Pedestrian Safety)	Yes/ Germany/ Japan	Germany/ Japan	AC.3/24	GRSP/2014/15 (Draft UN GTR) GRSP/2015/2 GRSP/2014/16 (5 <sup>th</sup> progress report)	GRSP will resume discussion at its December 2016 session on IARVs and on the draft UN GTR, altogether with a proposal addressing bumper test. GRSP will likely also consider a proposal on active bonnet tabled by the expert from Korea.

\* Information on the Contracting Parties (36), the Global Registry and the Compendium of Candidates are in document ECE/TRANS/WP.29/1073/Rev.16.

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS GTR /WP.29) .../ (ECE/TRANS/WP.29/..)</i>	<i>Proposal for a draft UN GTR</i>	<i>State of play/Comments</i>
Amendment No. [3] to UN GTR No. 9		Netherlands	AC.3/31	GRSP/2014/2 GRSP/2014/5	GRSP will consider a revised proposal concerning points of contact of headform impactors at its December 2016 session addressing the Phase 1 and 2 of the UN GTR.
Phase 2 of UN GTR No. 13 (HFCV)					The programme of work is expected to be finalized in the near future and that an informal proposal of authorization to develop the Phase 2 of the UN GTR would then be presented for approval at AC.3.
UN GTR No. 14 (PSI)	Yes/ Australia	Australia	AC.3/28		No new information was provided at the March 2016 session of AC.3.
UN GTR on EVS	Yes/USA/ EU/ Japan/ China	EU/ Japan/ USA/ China	AC.3/32	2012/121 (ToR)  2012/122 (1 <sup>st</sup> progress report)  2014/87 (2 <sup>nd</sup> progress report)  2015/107 (3 <sup>rd</sup> progress report)  2016/30 (4 <sup>th</sup> progress report)	GRSP is expected to complete Phase 1 by end 2016 and leave the long-term research items for Phase 2.

**GRPE**

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS GTR /WP.29/...)/</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/...)</i>	<i>State of play/Comments</i>
New UN GTR on crankcase and evaporative emissions for two- or three-wheeled motor vehicles	Yes/EU (EPPR)	EU	AC.3/36/Rev.1 (based on 2015/113)		AC.3 expects to consider a proposal for a new UN GTR on crankcase and evaporative emissions in June 2016.
New UN GTR on on-board diagnostics for two- or three-wheeled motor vehicles	Yes/EU (EPPR)	EU	AC.3/36/Rev.1 (based on 2015/113)		AC.3 expects to consider a proposal for a new UN GTR on on-board diagnostics in November 2016.
Amend. 1 to UN GTR No. 15 (WLTP)	Yes/Germany (WLTP)	EU/Japan	AC.3/39 (based on 2014/30)		AC.3 expects to consider a proposal for Amend. 1 to UN GTR No. 15 in June 2016 as result of Phase 1b activities.
Electric vehicles and the environment (EVE)	Yes/USA/China/Japan	Canada/China/EU/Japan/USA	AC.3/40 (based on 2014/81)		AC.3 expects to review status of Part A of the mandate and proposed UN GTR request(s) for Part B in June 2016.

**GRB**

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS GTR S/WP.29/...)/</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/...)</i>	<i>State of play/Comments</i>
Quiet Road Transport Vehicle	Yes/USA/Japan	EU/Japan/USA	AC.3/33 (Including ToR)		AC.3 expects a progress report of the ITWG on QRTV at its November 2016 session

**GRSG**

<i>Item</i>	<i>Informal group (Yes-No)/ Chair &amp; Vice-Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS GTR S/WP.29/...)/</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/...)</i>	<i>State of play/Comments</i>
Panoramic Sunroof Glazing (PSG)	Yes/Korea/Germany	Korea	AC.3/41		AC.3 adopted the updated Term of References and extension of the mandate of the IWG on PSG until March 2017

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**Situation of subjects for exchange of views**


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<i>Working Party</i>	<i>Item</i>	<i>Inf. group (Yes-No)/ Chair &amp; Vice-Chair sponsor</i>	<i>Tech.</i>	<i>Formal proposal ECE/TRANS/WP.29/...</i>	<i>State of play.</i>
GRSP	Crash compatibility	<i>No</i>	No	---	No new information was provided.
GRSP	Harmonized side impact dummies	<i>Yes</i>	USA	2010/88 (2 <sup>nd</sup> progress report)	AC.3 was informed on the progress made in relation to the 5 percentile female dummy and noted that a redesign of the dummy might be necessary.
WP.29	ITS	<i>No</i>	---	---	No new information was provided to AC.3.
WP.29	Electric Vehicles and Environment	<i>Yes</i>	USA, Canada, China, EU	---	AC.3 received a status report from the IWG on EVE where the good coordination with the IWG on WLTP was highlighted. A report to GRPE at its June 2016 session is envisaged. AC.3 expects the results of part A of the mandate for its November 2016 session.
WP.29	New technology not yet regulated	<i>No</i>	No	---	No new information was provided to AC.3

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## Annex III

### Calendar of meetings of WP.29, GRs and Committees for 2017 to be confirmed by the Conference Services

Including information concerning interpretation, pre-reserved meeting rooms, deadlines for documents and number of delegates

Month	Meeting (title and session No.)	Dates proposed	Schedule	Half-days	Interpretation	Salle	12 weeks deadline	Delegates
JANUARY	Working Party on Pollution and Energy (GRPE) (74 <sup>th</sup> session)	10-13	p.m./a.m.	6	Yes		10.10.2016	150
JANUARY	Working Party on Brakes and Running Gear (GRRF) (83 <sup>rd</sup> session)	23-27	p.m./a.m.	8	Yes		31.10.2016	120
FEBRUARY	Working Party on Noise (GRB) (65 <sup>th</sup> session)	15-17	p.m./p.m.	5	Yes		21.11.2016	80
MARCH	Administrative Committee for the Coordination of Work (WP.29/AC.2) (123 <sup>rd</sup> session)	13	a.m./p.m.	2	No			35
MARCH	World Forum for Harmonization of Vehicle Regulations (WP.29) (171 <sup>st</sup> ); Admin. Committee of the 1958 Agreement (AC.1: 65 <sup>th</sup> session); Executive Committee of the 1998 Agreement (AC.3: 49 <sup>th</sup> session); Admin. Committee of the 1997 Agreement (AC.4: 11 <sup>th</sup> session)	14-17 (14 14-15 15)	a.m./a.m. (p.m. p.m./a.m. p.m.)	7	Yes		5.12.2016	160
APRIL	Working Party on Lighting and Light-Signalling (GRE) (77 <sup>th</sup> session)	4-7	a.m./p.m.	8	Yes		9.1.2017	100
APRIL	Working Party on General Safety Provisions (GRSG) (112 <sup>th</sup> session)	24-28	p.m./a.m.	8	Yes		30.1.2017	120
MAY	Working Party on Passive Safety (GRSP) (61 <sup>st</sup> session)	8-12	p.m./a.m.	8	Yes		13.2.2017	100
JUNE	Working Party on Pollution and Energy (GRPE) (75 <sup>th</sup> session)	6-9	p.m./a.m.	6	Yes		13.3.2017	150
JUNE	Administrative Committee for the Coordination of Work (WP.29/AC.2) (124 <sup>th</sup> session)	19	a.m./p.m.	2	No			35
JUNE	World Forum for Harmonization of Vehicle Regulations (WP.29) (172 <sup>nd</sup> session); Admin. Committee of the 1958 Agreement (AC.1: 66 <sup>th</sup> session); Executive Committee of the 1998 Agreement (AC.3: 50 <sup>th</sup> session); Admin. Committee of the 1997 Agreement (AC.4: 12 <sup>th</sup> session)	20-23 (21 21-22 22)	a.m./a.m. (p.m. p.m./a.m. p.m.)	7	Yes		27.3.2017	160
SEPTEMBER	Working Party on Noise (GRB) (66 <sup>th</sup> session)	4-6	p.m./p.m.	5	Yes		12.6.2017	80
SEPTEMBER	Working Party on Brakes and Running Gear (GRRF) (84 <sup>th</sup> session)	19-22	a.m./a.m.	7	Yes		26.6.2017	120
OCTOBER	Working Party on General Safety Provisions (GRSG) (113 <sup>th</sup> session)	10-13	a.m./a.m.	7	Yes		17.7.2017	120
OCTOBER	Working Party on Lighting and Light-Signalling (GRE) (78 <sup>th</sup> session)	24-27	a.m./a.m.	7	Yes		31.7.2017	100
NOVEMBER	Administrative Committee for the Coordination of Work (WP.29/AC.2) (125 <sup>th</sup> session)	13	a.m./p.m.	2	No			35
NOVEMBER	World Forum for Harmonization of Vehicle Regulations (WP.29) (173 <sup>rd</sup> session); Admin. Committee of the 1958 Agreement (AC.1: 67 <sup>th</sup> session); Executive Committee of the 1998 Agreement (AC.3: 51 <sup>st</sup> session); Admin. Committee of the 1997 Agreement (AC.4: 13 <sup>th</sup> session)	14-17 15 15-16 16	a.m./a.m. a.m. p.m./a.m. p.m./a.m.	7	Yes		21.8.2017	160
DECEMBER	Working Party on Passive Safety (GRSP) (62 <sup>nd</sup> session)	12-15	a.m./a.m.	7	Yes		18.9.2017	100
		<b>TOTAL: 109 half days = 54.5 days</b>						

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

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

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

The sessions not marked in the column "schedule" start at 9.30 a.m. on the indicated date and are expected to last to 5.30 p.m. on the indicated date.

The sessions of WP.29/AC.2 and of the World Forum (WP.29) begin at 10.00 a.m. (the first day only) and at 10.30 am on last day (Friday). During the WP.29 sessions, the Administrative Committee of the 1958 Agreement (AC.1) will hold its sessions usually on Wednesday, sessions of the Executive Committee of the 1998 Agreement (AC.3) are expected to be held on Thursday morning, and sessions of the Administrative Committee of 1997 Agreement (AC.4) would be held on Wednesday or Thursday afternoon, if necessary.

Note: Geneva Motor Show, Palexpo: 14 – 17 March 2017; (Press days: 7 – 8 March 2017)