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World Forum for Harmonization of Vehicle Regulations

162nd session

Geneva, 11-14 March 2014

Reports of the

**World Forum for Harmonization of Vehicle Regulations on
its 162nd session**

**Administrative Committee of the 1958 Agreement on its fifty-
sixth session**

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

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

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A. World Forum for Harmonization of Vehicle Regulations

I. Attendance

1. The World Forum for Harmonization of Vehicle Regulations (WP.29) held its 162nd session from 11-14 March 2014 chaired by Mr. B. Gauvin (France). 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; Brazil; Canada; China; Colombia; Croatia; Czech Republic; Estonia; Finland; France; Germany; Hungary; India; Italy; Japan; Latvia; Luxembourg; the Netherlands; Norway; Poland; Portugal; Republic of Korea; Republic of Moldova; Romania; Russian Federation; Serbia; Slovakia; Slovenia; South Africa; Spain; Switzerland; Turkey; Ukraine; United Kingdom of Great Britain and Northern Ireland; United States of America. Representatives of the European Union (EU) participated. The following governmental organization was also represented: International Telecommunication Union (ITU). The following non-governmental organizations were also represented: Association for Emission Control by Catalyst (AECC); Consumers International (CI); European Tyre and Rim Technical Organisation (ETRTO); European Association of Automotive Suppliers (CLEPA/MEMA/JAPIA)¹; the Foundation for the Automobile and Society (FIA Foundation); International Automotive Lighting and Light Signalling Expert Group (GTB); International Electrotechnical Commission (IEC); International Motorcycle Manufacturers Association (IMMA); International Organization of Motor Vehicle Manufacturers (OICA); International Organization of Standardization (ISO).

II. Adoption of the agenda (agenda item 1)

Documentation: ECE/TRANS/WP.29/1107, Add.1 and Add.2

2. The provisional annotated agenda for the session (ECE/TRANS/WP.29/1107 and its Add.1 and Add.2) was adopted with the amendments noted below:

(a) Addition of agenda items:

7.2. Update of UN Rules Nos. 1 and 2.

Documentation

ECE/TRANS/WP.29/2013/132 Proposal for draft amendments to Rule No. 1

ECE/TRANS/WP.29/2013/133 Proposal for draft amendments to Rule No. 2

8.3. Presentation of the results of the GlobalNCAP in India;

8.4. Amendments to UN Regulations Nos. 94 and 95;

8.5. Defect investigation on panorama sunroof.

(b) Correction of document references for item:

4.4. For "WP.29-162-03" read "WP.29-162-04"

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

- (c) Documents to be referred back to GRE for items:
 - 4.9.6. ECE/TRANS/WP.29/2014/31
 - 4.9.10. ECE/TRANS/WP.29/2014/32
 - (d) Items to be deferred to a further session: 4.12.1, 4.12.2, 4.13.1 to 4.13.5.
3. The list of informal documents is reproduced in Annex I to this report.

III. 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)

4. The 114th session of WP.29/AC.2 was held on 10 March 2014, chaired by Mr. B. Gauvin (France) 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 WP.29 (France), GRB (France), GRE (Canada), GRSP (United States of America), GRPE (Germany), GRRF (United Kingdom), GRSG (Italy), the Administrative/Executive Committees of the three agreements administered by WP.29 (France, Russian Federation and the United States of America), by the representatives of the European Union, Japan and the United States of America and by the Vice-Chairs of WP.29 (Russian Federation), GRSG (Hungary), GRPE (India) and GRSP (Republic of Korea).

5. The Committee reviewed the draft agenda of the 162nd session of the World Forum and recommended the amendments as indicated in paragraph 2 above. The Committee also recommended that agenda item 5.1 be considered by the World Forum and that the rest of the agenda items regarding the 1998 Agreement be considered by the Executive Committee of the 1998 Agreement (AC.3). The insertion of agenda item 7.2 was recommended to allow consideration of the position of some Contracting Parties to the 1997 Agreement regarding the voting procedure on the proposals for amendments to UN Rules Nos. 1 and 2. Following discussion in WP.29, the session of the Administrative Committee of the 1997 Agreement (AC.4) would be either held or postponed. WP.29/AC.2 also reviewed the draft agenda for the 163rd session of the World Forum, scheduled to be held in Geneva from 24 to 27 June 2014.

6. WP.29/AC.2 noted the progress of work made by the informal group on the revision of the 1958 Agreement and on the development of UN Regulation No. 0. The Committee noted the concerns raised by the Russian Federation at the February 2014 session of the Inland Transport Committee (ITC) regarding the proposals for proxy voting and the conditions for the adoption of new UN Regulations and amendments to existing ones. The Vice-Chair of WP.29 was invited to clarify these matters in his capital. WP.29/AC.2 recalled the decision by the World Forum at its November 2013 session to dedicate a half-day session to consider in detail, Revision 3 to the 1958 Agreement and the draft UN Regulation No. 0 under agenda items 4.3. and 4.4.

7. The secretariat informed the Committee about the delay, of one year in some cases, in the translation into French and Russian of the Amendments and Revisions of UN Regulations, which had entered into force. He added that an explanatory Memorandum would be transmitted by the Transport Division to the Documents Management Section explaining the need of having these translations urgently to avoid the delay in applying the provisions. AC.2 noted that the European Union needed, in due time, the translations into French of UN

Regulations as reference in the EU legislation. The Committee invited the delegations concerned to take the necessary actions to support the need of the translations on time.

8. The Committee considered how to develop amendments to different phases of UN Global Technical Regulations (GTRs). The Committee was of the opinion that this matter should be considered by AC.3 during this session and by AC.2 at its June 2014 session.

9. The Committee reviewed a first draft calendar of sessions for 2015 and invited the secretariat to transmit it, with some amendments, to the Conference Services. The Committee requested the secretariat to submit the draft calendar for consideration by the World Forum at its June 2014 session.

10. The World Forum adopted the report of the Administrative Committee on its 114th session and its recommendations.

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

Documentation: ECE/TRANS/WP.29/2014/1,
Informal document WP.29-162-01

11. The World Forum noted the revised programme of work and documentation (ECE/TRANS/WP.29/2014/1). WP.29 representatives were invited to review the document and to communicate to the secretariat any amendments deemed necessary. The secretariat presented the list of informal working groups (WP.29-162-01), which was presented at the last session of ITC (25-27 February 2014). An updated list of the informal working groups will be transmitted for consideration at the June 2014 session of WP.29, including the names of Vice-Chair of the GRs.

C. Intelligent Transport Systems (agenda item 2.3)

12. The World Forum noted that at the February 2014 session of ITC, a policy oriented segment on "Innovations for sustainable inland transport and mobility" was organized, with special attention on autonomous vehicles. WP.29 also noted that some ITC delegates requested detailed information on the activities of WP.29 on ITS and that a round table on ITS would be organized by Belgium under the auspices of ITC. WP.29 recommended that Mr. Guichard of the WP.29 secretariat should be proposed to the Director of the Transport Division as focal point on ITS to coordinate all ITS activities of the Division and to report to ITC.

13. WP.29 noted that the Informal Working Group (IWG) on ITS is scheduled to hold its meeting during this session of WP.29 in the morning of 14 March 2014. WP.29 considered the future of the IWG on ITS, especially the meeting frequency and venue to allow the Co-Chairs to report to WP.29 and to include the conclusions in the report of WP.29.

14. The representative of ITU informed the World Forum about main discussions at the symposium on the Future Networked Car, organized by UNECE and the ITU on 5 and 6 March 2014. He reported that delegates of WP.29 participated in the "Human factors and regulatory requirements for the introduction of automated driving" and in "Automated emergency calls - Cars and roadside connected" sessions. He added that the deployment of autonomous vehicles was estimated to be earlier than expected. Development of regulatory strategies on the adoption of automated driving and ITS in China, the EU, Japan, Korea and the United States of America have started. Finally, he stated that standards were identified as means through which the automotive industry and regulators meet. He noted the lack of standards in the area of automated driving. The representative of the United Kingdom endorsed the comments of ITU and suggested that WP.29 should consider developing a road map to identify the regulatory work on autonomous vehicles to ensure their safe use in

condition of future mixed traffic. WP.29 thanked Mr. Rakhmanov (Russian Federation) and Mr. Yarnold (United Kingdom) for their excellent contributions as moderators during the above-mentioned symposium.

D. Follow-up of the seventy-sixth session of the Inland Transport Committee (agenda item 2.4)

15. The secretariat informed WP.29 about the results of the ITC session (see also para. 12 above). The World Forum noted that the secretariat had presented the activities of WP.29 and its six subsidiary Working Parties, including ITS activities. WP.29 noted that ITC had endorsed in principle the hosting of a new Database for the Exchange of Type Approval documentation (DETA) within the premises of UNECE. He added that the list of the main decisions adopted by ITC was available at: www.unece.org/fileadmin/DAM/trans/doc/2014/itc/List_of_decisions_76th_ITC_Final.pdf and that the report of the ITC session would be available at: www.unece.org/trans/main/itc/itc_rep.html.

16. Mr. A. Erario, representing WP.29, the GRs and the Committees at the ITC session, informed WP.29 about the Meeting of the Chairs of the ITC subsidiary bodies which focused on the participation of non-ECE contracting parties in the subsidiary bodies of ITC. He added that ITC would resume consideration of this subject at its next session in 2015.

E. Follow-up of the ECE reform (agenda item 2.5)

Documentation: Informal document WP.29-162-02

17. The secretariat informed the World Forum about the assignation of new professionals to work primarily at the WP.29 secretariat. The additional posts (one P4 and one P2) began their new functions in January 2014. The World Forum noted the distribution of tasks of the secretariat (WP.29-162-02) and that Mr. Guichard was ensuring the secretariat services of GRPE on a temporary basis until the selection of the candidate for the existing vacancy.

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

A. Working Party on Noise (GRB) (Fifty-eighth session, 2-4 September 2013) (agenda item 3.1)

Documentation: ECE/TRANS/WP.29/GRB/56

18. The World Forum recalled the oral report of the Chair of GRB given during the 161st session (ECE/TRANS/WP.29/1106, paras. 27-29) and approved the report.

B. Working Party on Brakes and Running Gear (GRRF) (Seventy-fifth session, 17-19 September 2013) (agenda item 3.2)

Documentation: ECE/TRANS/WP.29/GRRF/75

19. The World Forum recalled the oral report of the Chair of GRRF given during the 161st session (ECE/TRANS/WP.29/1106, paras. 30-34) and approved the report.

**C. Working Party on General Safety Provisions (GRSG)
(105th session, 8-11 October 2013) (agenda item 3.3)**

Documentation: ECE/TRANS/WP.29/GRSG/84

20. The World Forum recalled the oral report of the Chair of GRSG given during the 161st session (ECE/TRANS/WP.29/1106, paras. 35-38) and approved the report.

**D. Working Party on Lighting and Light-Signalling (GRE)
(Seventieth session, 21-23 October 2013) (agenda item 3.4)**

Documentation: ECE/TRANS/WP.29/GRE/70

21. The World Forum recalled the oral report of the Chair of GRE given during the 161st session (ECE/TRANS/WP.29/1106, paras. 39-41) and approved the report.

**E. Working Party on Pollution and Energy (GRPE)
(Sixty-seventh session, 14 November 2013) (agenda item 3.5)**

Documentation: ECE/TRANS/WP.29/GRPE/67

22. The World Forum approved the report on the extraordinary session of GRPE (for more details, see the report of the session ECE/TRANS/WP.29/GRPE/67).

F. Highlights of the recent sessions (agenda item 3.6)

**1. Working Party on Passive Safety (GRSP) (Fifty-fourth session, 17-19 December 2013)
(agenda item 3.6.1)**

23. The representative of the United States of America, on behalf of the Chair of GRSP, informed WP.29 about the results achieved by GRSP during its fifty-fourth session (for details see the session report ECE/TRANS/WP.29/GRSP/54)

24. He informed WP.29 that GRSP had recommended Phase 2 of the UN GTR on pedestrian safety, aimed at including the Flex-PLI into the tests of UN GTR No. 9 and of UN Regulation No. 127 for adoption. However, he sought guidance from WP.29 and the Executive Committee of the 1998 Agreement (AC.3) on the pending issues of the Injury Assessment Reference Values (IARVs) for the flexible lower legform to bumper test and to extend the mandate of the IWG until November 2014 to complete the addendum to Mutual Resolution No. 1 (M.R.1) to incorporate the FlexPLI. (see paras. 91-92 below).

25. The World Forum noted that Ms. Mary Versailles (United States of America) had been re-elected GRSP Chair and Mr. Jae-Wan Lee (Republic of Korea) had been re-elected Vice-Chair of GRSP for the sessions in 2014.

2. Working Party on Pollution and Energy (GRPE) (Sixty-eighth session, 7-10 January 2014) (agenda item 3.6.2)

26. The Chair of GRPE, Mr. C. Albus (Germany), informed WP.29 about the results achieved by GRPE during its sixty-seventh and sixty-eighth sessions (for more details, see the reports ECE/TRANS/WP.29/GRPE/67 and ECE/TRANS/WP.29/GRPE/68).

27. He informed WP.29 that a draft UN GTR on Worldwide Harmonized Light Vehicles Test Procedures (WLTP) had been recommended by GRPE for its formal adoption by AC.3.

28. The GRPE Chair announced a possible request for guidance on Electric Vehicles and the Environment (EVE), if the issues concerning the method of stating upstream energy use and CO₂ emissions could not be addressed by GRPE after the EVE informal working group had presented and discussed its work.

29. He informed WP.29 that GRPE had requested the alignment of future activities of WLTP and EVE to avoid redundancies.

30. He also informed WP.29 that GRPE had requested the endorsement of WP.29 for an extension of the mandate of the Vehicle Propulsion System Definitions (VPSD) IWG to June 2015. WP.29 endorsed the request.

31. He added that GRPE had supported the proposal by the Chair of the IWG on Heavy Duty Hybrids (HDH) to extend the mandate of the group to include amendments aligning UN GTR No. 4 with UN GTR No. 11.

3. Working Party on Noise (GRB) (Fifty-ninth session, 28-30 January 2014) (agenda item 3.6.3)

32. The GRB Chair, Mr. S. Ficheux (France), reported on the results achieved during the fifty-ninth session of GRB (for more details, see the report of the session ECE/TRANS/WP.29/GRB/57).

33. He informed the World Forum that GRB had agreed to convert the group of experts on UN Regulation No. 51 into a new IWG on UN Regulations Nos. 51 and 59 and had adopted its terms of reference as reproduced in Annex II to the GRB report. Accordingly, he sought the consent of WP.29, including a deadline of February 2015, for the mandate of the proposed informal working group. WP.29 gave its consent.

4. Working Party on Brakes and Running Gear (GRRF) (Seventy-sixth session, 17-21 February 2014) (agenda item 3.6.4)

34. The GRRF Chair, Mr. B. Frost (United Kingdom), informed WP.29 about the results achieved during the seventy-sixth session of GRRF (for more details, see the report of the session ECE/TRANS/WP.29/GRRF/76).

35. He referred to ECE/TRANS/WP.29/2013/66 and reported that GRRF had agreed (i) to amend the new wet grip limits for certain tyres of category C₃ proposed in this document and (ii) to keep unchanged the proposed values for C₂ tyres. He recommended the formal adoption by AC.1 of ECE/TRANS/WP.29/2013/66 as amended by WP.29-162-05.

36. He sought the consent of WP.29 to hold an extraordinary session of GRRF in June 2014 in order to efficiently incorporate the ongoing research results by the United States of America into the draft UN GTR on tyres and to permit their consideration by AC.3 at its November 2014 session. WP.29 gave its consent to hold the extraordinary session during the Thursday afternoon session of WP.29 on 26 June 2014.

V. 1958 Agreement (agenda item 4)

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

37. The World Forum noted that the last update of the status of the 1958 Agreement (ECE/TRANS/WP.29/343/Rev.22) containing the information received by the secretariat until 17 February 2014 was available on the WP.29 website at: www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29fdocstts.html.

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

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

Documentation: ECE/TRADE/C/WP.6/2013/5

38. The secretariat recalled the request by WP.29 to the secretariat to represent WP.29 at the WP.6 Conference on "Standards and Regulatory Frameworks" (19 November 2013, Geneva), and share the experience of the World Forum on regulations by incorporating references to standards. He reported that Recommendation D on "Reference to Standards" had been reviewed (ECE/TRADE/C/WP.6/2013/5). He added that, following a bilateral discussion, ISO agreed to sell former standards referenced in UN Regulations, UN Rules and UN GTRs.

39. The Chair of GRRF stated that WP.29 and its subsidiary bodies needed access to standards in order to review a proposal before its adoption. He informed WP.29 that GRRF had decided that modification of the reference to ISO standards would not be adopted without free availability of the new standards. The WP.29 Chair suggested that the other GRs apply the same decision. The GRRF Chair added that, for the sake of transparency, it would be desirable that standards referenced in UN Regulations, UN GTRs and UN Rules be accessible once incorporated into the regulations. The representative of ISO agreed to discuss, within ISO, a way of addressing the concerns expressed and added that the Online Browsing Platform (OBP) could certainly be used to address WP.29 needs. He indicated his availability to discuss all the above-mentioned matters with the secretariat.

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

Documentation: Informal documents WP.29-162-11 and WP.29-162-12-Rev.1

40. The representative of Japan, chairing the IWVTA subgroup on the development of UN Regulation No. 0, reported on the Group's work progress (WP.29-162-12-Rev.1). He presented the structure of UN Regulation No. 0 and two lists of UN Regulations that could be mandatory for obtaining a Whole Vehicle Type Approval. List A contained thirty-nine UN Regulations that could already be included in the first step of the partial IWVTA. List B contained fourteen UN Regulations that require further consideration before their inclusion in list A. He clarified that the Working Parties (GRs) responsible for the specific UN Regulations would ultimately be responsible for reviewing these parts of UN Regulation No. 0, but emphasized that WP.29 should first decide on which UN Regulations were to be included. He concluded his presentation by indicating that the subgroup would convene again in Paris on 18-19 March 2014. He added that the latest version of draft UN Regulation No. 0 was available as WP.29-162-11. He sought the position of WP.29 on: (i) the final List A, (ii) the concept of a common commencement date for new series of amendment to UN Regulations, and (iii) the consistent use of series of amendment and supplements. WP.29 invited all representatives to clarify their positions at the forthcoming June 2014 session. WP.29 noted the provisional work schedule for major issues to be discussed in 2014.

41. The Chair of GRPE pointed out that already the manner of how the provisions of the draft UN GTR on Worldwide Harmonized Light-duty Test Procedures (WLTP) would be transposed into national or regional law would be a condition for the possible later inclusion of WLTP into UN Regulation No. 0. The representative of OICA explained the need for a

common commencement date in the amendments in order to ensure that each version of UN Regulation No. 0 contains a well-defined set of requirements. The representative of the Russian Federation invited IWVTA members to the upcoming meeting scheduled to be held in Moscow on 17-20 June 2014.

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

Documentation: ECE/TRANS/WP.29/2014/26,
Informal documents WP.29-162-04, WP.29-162-10 and
WP.29-162-18

42. The representative of EU, chairing the IWVTA subgroup on the 1958 Agreement, presented a proposal for Revision 3 of the 1958 Agreement (WP.29-162-04, superseding ECE/TRANS/WP.29/2014/26). He provided WP.29 with an updated general overview on the development of the proposal (WP.29-162-10). He recalled certain major features of the revised 1958 Agreement. He reported that the most significant pending issue remained the possible modification of the two-third majority threshold for adopting new UN Regulations and amendments to existing UN Regulations. He concluded his presentation by noting that the subgroup would still clarify the safeguard provisions to deal with non-compliance in article 4 at its March 2014 session. WP.29 requested the secretariat to distribute WP.29-162-04 with an official symbol for consideration at the June 2014 session, including the results of the above-mentioned meeting.

43. The WP.29 representatives were invited to immediately start their national procedures of consideration of the revision proposals, on the basis of document WP.29-162-04 which will be the final draft proposal for Revision 3 of the Agreement.

44. The representative of Japan considered an increase of the majority threshold, for example to four-fifths, as essential to attract new Contracting Parties. The representative of Australia supported this request. The representative of the Russian Federation mentioned that his Government had begun their national procedure of consideration of the draft revision. The representative of the United Kingdom underlined the need for evidence that the change in voting thresholds would result in new accessions to the Agreement. The representative of India indicated the intention of his Government to consider accession to the revised 1958 Agreement, if the proposed amendments on the voting thresholds and proxy voting were adopted.

45. WP.29 noted WP.29-162-18 on principles for supplements, series of amendment and revisions to UN Regulations, especially in the case of long transitional provisions. WP.29 confirmed that supplements should clearly indicate which series of amendments were addressed. In addition, WP.29 requested the secretariat to prepare guidelines for the June 2014 session. The representative of OICA pointed out that the existing guidelines on transitional provisions (ECE/TRANS/WP.29/1044/Rev.1) would need revision on the basis of the revised 1958 Agreement.

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

Documentation: Informal document WP.29-162-17

46. The secretariat informed WP.29 that internal meetings had been held on the hosting of DETA within the United Nations (WP.29-162-17). He reported on the endorsement by the Inland Transport Committee to host the DETA database on the premises of UNECE. Following the recommendation of the committee in charge of IT projects, he presented two

options: (i) to establish DETA on an Oracle platform within UNOG by the end of 2015 and to call for funds to contribute to the hosting costs or (ii) to wait until the end of 2016 to establish DETA on a MS SQL platform within UNECE. WP.29 representatives expressed their preference for the software solution based on the MS SQL system.

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

47. The World Forum considered the draft amendment under agenda item 4.6.1 and recommended its submission to AC.1 for voting.

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

48. The World Forum considered the draft amendment under agenda item 4.7.1 and recommended its submission to AC.1 for voting.

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

49. The World Forum considered the draft amendments under agenda items 4.8.1 to 4.8.6 and recommended their submission to AC.1 for voting.

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

50. The World Forum considered the draft amendments under agenda items 4.9.1 to 4.9.13 and recommended their submission to AC.1 for voting.

51. The World Forum agreed to refer ECE/TRANS/WP.29/2014/31 (agenda item 4.9.6) and ECE/TRANS/WP.29/2014/32 (agenda item 4.9.10) back to GRE for further consideration.

J. Consideration of draft corrigenda to existing Regulations submitted by GRRF (agenda item 4.10)

52. The World Forum considered the draft corrigenda under agenda items 4.10.1 to 4.10.3 and recommended its submission to AC.1 for voting.

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

53. The World Forum noted that no draft corrigenda were submitted.

L. Consideration of pending proposals for amendments to existing Regulations submitted by the Working Parties subsidiary to WP.29 (agenda item 4.12)

54. The World Forum agreed to keep ECE/TRANS/WP.29/2011/64 (agenda item 4.12.1) and ECE/TRANS/WP.29/2012/30 (agenda item 4.12.2) on the agenda for consideration at its June 2014 session.

55. The World Forum considered the pending proposal for amendments to Regulation No. 117 listed under agenda item 4.12.3 (document ECE/TRANS/WP.29/2013/66) and recommended its submission to AC.1 for voting, subject to the correction of para. 47 below (see WP.29-162-05).

56. Page 1, the title, replace "Supplement 5" by "Supplement 6". Page 2, paragraph 6.2.3, correct the wet grip index G for normal tyres other than traction tyres to read 0.80.

M. Proposals for amendments to existing Regulations submitted by the Working Parties subsidiary to the World Forum for consideration at its June 2014 session (agenda item 4.13)

57. The World Forum considered the proposals for amendments to existing Regulations under agenda items 4.13.1 to 4.13.5 and agreed to keep them on the agenda for consideration at its June 2014 session.

N. Consideration of draft amendments to existing regulations submitted by GRSP (agenda item 4.14)

58. The World Forum considered the draft amendments under agenda item 4.14.1 and recommended their submission to AC.1 for voting.

VI. 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.9

59. The World Forum noted the consolidated document containing the status of the Agreement (ECE/TRANS/WP.29/1073/Rev.9). WP.29 further noted that some Contracting Parties had fulfilled their obligation to send their status and final reports, on the progress of transposition of the UN GTRs and their amendments into their domestic law. The representatives of the other Contracting Parties were reminded of their obligation to send the mandatory reports on the transposition process through their Permanent Missions in Geneva via the "1998 AGREEMENT-MISSIONS List" electronic system to the secretariat. The World Forum agreed that a more detailed consideration of the monitoring of the 1998 Agreement, including details of the notification obligation would be considered under agenda item 13 of the Executive Committee AC.3 session (see para. 78 below).

60. WP.29 agreed that agenda items 5.2 to 5.5 should be considered by AC.3.

VII. 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)

61. No new information was provided under this agenda item.

VIII. 1997 Agreement (Periodical Technical Inspections) (agenda item 7)

A. Status of the Agreement (agenda item 7.1)

Documentation: ECE/TRANS/WP.29/1074/Rev.5,
ECE/TRANS/WP.29/1074/Rev.4 and Amend.1

62. The World Forum noted that the secretariat had not been notified of any modifications on the status of the Agreement since the November 2013 session, therefore ECE/TRANS/WP.29/1074/Rev.5 had not been prepared. WP.29 noted that ECE/TRANS/WP.29/1074/Rev.4 and its Amend.1 still reflected the current status of the Agreement.

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

Documentation: ECE/TRANS/WP.29/2013/132,
ECE/TRANS/WP.29/2013/133,
Informal document WP.29-162-09

63. The representatives of Estonia, Finland, Hungary, the Netherlands and Romania noted the parallel development of amendments to the UN Rules annexed to the 1997 Agreement and the corresponding EU Directive. They requested to delay (WP.29-162-09) the submission of the proposed amendments to UN Rules Nos. 1 and 2 (ECE/TRANS/WP.29/2013/132 and ECE/TRANS/WP.29/2013/133) to the Administrative Committee of the 1997 Agreement (AC.4), making sure that their obligations would not conflict with the EU Directive. They stated that if the amendments to UN Rules Nos. 1 and 2 are adopted, they would not be harmonized with the current EU Directive. The Chair of GRRF recalled the discussion outcome at GRRF that the most pragmatic approach would be to consider aligning the amendments to the 1997 Agreement and the EU Directive as much as possible as these activities were progressing nearly in parallel.

64. The representative of the Russian Federation noted that WP.29 at its 156th session (ECE/TRANS/WP.29/1095, para 84) had confirmed the importance of Periodical Technical Inspection (PTI) of vehicles for road safety and had agreed to extend the scope of UN Rules Nos. 1 and 2 to cover vehicles of categories M₁, N₁ and O₁ making the 1997 Agreement more useful for emerging economies and for those countries not having a PTI system. He added that, accordingly, WP.29 had agreed to defer to a later stage the alignment of the provisions of both UN Rules to the corresponding EU Directive. He expressed the wish that the submission of the proposal for amendments to UN Rules Nos. 1 and 2 should not be further delayed, given the safety and environmental implications of these amendments.

65. After examination with the Contracting Parties present, WP.29 saw no possibility to organize the vote on the amendments to the UN Rules and recommended not to hold the AC.4 session.

IX. 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)

66. Following the decision to dedicate the afternoon session of WP.29 on 26 June 2014 to an additional session of GRRF (see paras. 36 and 79), WP.29 also noted that the next IWG meeting would be held during the afternoon session of WP.29 on 13 November 2014.

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)

67. The secretariat of the Working Party on Road Safety (WP.1) informed WP.29 about the recent session of WP.1 (4-6 December 2013, New Delhi). She stated that some progress had been made in updating the 1968 Vienna Convention on lighting issues and in defining Advanced Driver Assistance Systems (ADAS), which could resolve the issue of permanent control of the vehicle by the driver. She clarified that the legal concerns expressed in para. 20 of the WP.1 report (ECE/TRANS/WP.1/143) referred to the mandatory recognition of the UN Regulations and UN GTRs by Contracting Parties to the 1968 Vienna Convention, if any such reference was to be made in the text of the Convention. The representative of the United Kingdom reported that many presenters at the recent ITU symposium on the Future Networked Car expressed concerns that the current text of the 1968 Convention could stifle future transport development. He added that further delay in this issue could begin to reflect poorly on the UNECE. The representative of OICA highlighted the importance of finding a solution to this matter. Upon the request by the representative of Germany on how to solve the legal issues mentioned in the WP.1 report (ECE/TRANS/WP.1/143, paras. 20 and 21, available at: www.unece.org/trans/roadsafe/wp1rep.html), the secretariat of WP.1 reported that WP.1 had initiated a search for external legal advice, but that the lack of funding was delaying the legal consultation. The representative of the Russian Federation indicated that the legal instruments administered by WP.1 and WP.29 had different Contracting Parties. He hoped that the Contracting Parties to both these legal instruments could contribute to resolve this issue.

C. Presentation of the results of GlobalNCAP in India (agenda item 8.3)

Documentation: Informal document WP.29-162-21

68. The representative of the FIA Foundation introduced WP.29-162-21 presenting the results of a Global NCAP research project "Safer cars for India" on the passive safety performance of the most popular vehicle models in India. WP.29 noted that Global NCAP recommended: (i) to apply UN Regulation No. 94 for all passenger cars, (ii) to mandate the use of Child Restraint Systems (CRS) and (iii) to promote collaboration between governments, manufacturers, their suppliers, automobile clubs and consumer organizations in order to improve adult and child protection in road vehicles.

69. The representative of India informed WP.29, that following these recommendations, actions had already been taken in his country to increase the stringency of vehicle regulations on passive safety. However, a transitional time would be necessary to develop the technical services capacity to perform the related tests. The representative of OICA

welcomed these indications but stressed that a holistic approach was needed in order to further improve road safety, taking into account that the individual road transport conditions in the countries were different. He said that, in his opinion, focusing all efforts on vehicle specifications only, thereby making them unaffordable for a large proportion of the population, might in the end be counterproductive in that consumers would find it more difficult to move to safer transportation modes.

D. Amendments to UN Regulations Nos. 94 and 95 (agenda item 8.4)

Documentation: Informal document WP.29-162-19

70. The representative of the Russian Federation introduced WP.29-162-19 proposing to insert new test provisions for in-vehicle emergency call systems into UN Regulations Nos. 94 and 95. The representative of EU acknowledged this proposal and offered to continue the discussion in the IWG and in GRSG as, in his view, it is not yet sufficiently clear how the test should be conducted. The representative of OICA supported the statements of the EU. The representative of the Russian Federation, Chair of the IWG on AECS, clarified that the purpose of the IWG was the development of a new UN Regulation which should cover the majority of the issues concerning accident emergency call system and its components. He added that, currently, this work was concluded but experts still need to reach consensus on some open issues. He clarified that the progress report of the IWG would be presented at the May 2014 session of GRSG. The Chair of GRSG noted that the IWG on AECS would provide results to GRSG two weeks before the May 2014 session of GRSP and that these results could also be then addressed in GRSP. Finally, the World Forum endorsed this approach.

E. Defect investigation on panorama sunroof (agenda item 8.5)

Documentation: Informal documents WP.29-162-15 and WP.29-162-22

71. Mr. Sokchang Kwon, Director General of the Motor Vehicles Policy Division of the Ministry of Land, Transportation and Maritime Affairs of the Republic of Korea gave a presentation on the results of their national defect investigations on panoramic sunroofs (WP.29-162-15). The Chair of GRSG suggested that this topic be investigated further by GRSG experts to determine whether it is necessary to adjust the relevant UN Regulation No. 43 and UN GTR No. 6 on glazing. Thus, he invited the representative of the Republic of Korea to share these findings with GRSG experts during the forthcoming session in May 2014. The representative of the Republic of Korea (Korea Automobile Testing and Research Institute (KATRI)) introduced WP.29-162-22 showing the detailed results of their investigations on safety issues with panoramic sunroofs. The representative of Japan agreed with the suggestion by the Chair of GRSG. Finally, the World Forum requested GRSG to discuss this issue at its forthcoming session in April 2014.

X. Adoption of the report (agenda item 9)

72. The World Forum adopted the report 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)

XI. Establishment of the Committee AC.1 and election of officers for the year 2014 (agenda item 10)

73. Of the 51 Contracting Parties to the Agreement, 39 were represented and established AC.1 for its fifty-sixth session held on 12 March 2014.

74. AC.1 invited Mr. B. Gauvin, Chair of WP.29, to chair the session.

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

75. The results of the voting on the documents submitted are reflected in the following table:

<i>Amendments to existing UN 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 represented and voting</i>	<i>represented and voting</i>				
3	Retro-reflecting devices	45	38	2014/13	38/0/0	Suppl.15 to 02	*
6	Direction indicators	45	38	2014/14	38/0/0	Suppl.25 to 01	*
7	Position, stop and end-outline lamps	45	38	2014/15	38/0/0	Suppl.23 to 02	*
10	Electromagnetic compatibility	42	36	2014/16	36/0/0	05	*
13	Heavy vehicle braking	44	37	2014/3	37/0/0	Suppl.11 to 11	*
18	Anti-theft of motor vehicles	40	34	2014/7	34/0/0	Suppl.3 to 03	*
19	Front fog lamps	43	36	2014/17 and 2013/75/Add.1	36/0/0	Suppl.6 to 04	*
27	Advance warning triangles	41	36	2014/18	36/0/0	04	*
41	Noise of motorcycles	30	22	2014/2	22/0/0	Suppl.1 to 04	
46	Devices for indirect vision	40	34	2014/8	34/0/0	Suppl.3 to 03	*
46	Devices for indirect vision	40	34	2014/9	34/0/0	Suppl.1 to 04	*
48	Installation of lighting and light-signalling devices	41	35	2014/19	35/0/0	Suppl.13 to 04	*

<i>Amendments to existing UN 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>				
48	Installation of lighting and light-signalling devices	41	35	2014/20	35/0/0	Suppl.6 to 05	*
48	Installation of lighting and light-signalling devices	41	35	2014/21	35/0/0	Suppl.4 to 06	*
65	Special warning lamps	29	22	2014/22	22/0/0	Suppl.9	
67	LPG vehicles	39	33	2014/10	33/0/0	Suppl.14 to 01	*
74	Installation of lighting and light-signalling devices (mopeds)	40	34	2014/23	34/0/0	Suppl.8 to 01	*
107	M ₂ and M ₃ vehicles	44	35	2014/11 and Corr.1	35/0/0	Suppl.4 to 04	*
110	CNG/LNG vehicles	45	36	2014/12	36/0/0	Suppl.2 to 01	*
113	Headlamps emitting a symmetrical passing-beam	46	37	2014/24	37/0/0	Suppl.3 to 01	*
117	Tyres rolling resistance, rolling noise and wet grip	46	36	2013/66 as amended by para. 56	36/0/0	Suppl.6 to 02	*
123	Adaptive Front lighting Systems (AFS)	47	38	2014/25	38/0/0	Suppl.6 to 01	*
129	Enhanced Child Restraint Systems (ECRS)	49	38	2014/33	38/0/0	Suppl.3	*

<i>Corrigenda to existing UN 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	Heavy vehicle braking (R only)	44	37	2014/4	37/0/0	Corr.1 to Rev.8	*
117	Tyres rolling resistance, rolling noise and wet grip	46	36	2014/5	36/0/0	Corr.4 to 02	*
117	Tyres rolling resistance, rolling noise and wet grip (R only)	46	36	2014/6	36/0/0	Corr.5 to 02	*

* The EU representative voted on behalf of the 28 EU member States.

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

XIII. Establishment of the Committee AC.3 (agenda item 12)

76. The fortieth session of the Executive Committee (AC.3) was held on 12-13 March 2014. The representatives of 13 of the 19 Contracting Parties to the Agreement attended: Australia, Canada, China, the European Union (representing Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, Netherlands, Romania, Slovakia, Spain, Sweden and the United Kingdom), India, Japan, Norway, Republic of Korea, Republic of Moldova, Russian Federation, South Africa, Turkey and the United States of America.

77. At the proposal of the representative from Germany, Mr. K. Simon (United States of America) was unanimously elected Chair and Mr. I. Yarnold (EU) was unanimously elected Vice-Chair for 2014.

XIV. Monitoring of the 1998 Agreement: Reports of the Contracting Parties regarding 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.9,
Informal documents WP.29-162-13 and WP.29-162-14

78. AC.3 noted the information, as of 25 February 2014, on the status of the 1998 Agreement (ECE/TRANS/WP.29/1073/Rev.9). AC.3 also noted WP.29-162-13 and WP.29-162-14 submitted respectively by the representatives of EU and the Republic of Korea, containing the status of the transposition of UN GTRs in their national legislations. AC.3 reiterated the notification obligations of the Contracting Parties. Representatives were also reminded of their obligation to send the mandatory reports on the transposition process through their Permanent Missions in Geneva via the "1998 AGREEMENT-MISSIONS List" electronic system to the secretariat to ensure updating of the status document which is the monitoring tool of the Agreement. The secretariat announced that it would contact each Contracting Party with pending notifications in order to facilitate the notification process.

XV. Consideration and vote by AC.3 of draft global technical regulations and/or draft amendments to established global technical regulations (agenda item 14)

A. Proposal for a global technical regulation on Worldwide harmonized Light vehicle Test Procedures (WLTP) (agenda item 14.1)

Documentation: ECE/TRANS/WP.29/2014/27 and its Corr.1,
ECE/TRANS/WP.29/2014/28, ECE/TRANS/WP.29/AC.3/26
and its Add.1

79. Submitted for consideration and vote, the proposed draft UN GTR on WLTP (ECE/TRANS/WP.29/2014/27 and its Corr.1) was established in the UN Global Registry on 12 March 2014 by consensus vote of the following Contracting Parties present and voting: Australia, China, European Union (voting for Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, Netherlands, Romania, Slovakia, Spain, Sweden

and United Kingdom), India, Japan, Norway, Republic of Korea, Republic of Moldova, Russian Federation, South Africa and Turkey.

80. The technical report (ECE/TRANS/WP.29/2014/28) and the adopted proposal for the development of the UN GTR (ECE/TRANS/WP.29/AC.3/26 and its Add.1) will be appended to the established UN GTR.

81. The representative of the Republic of Korea welcomed this new UN GTR which is closely related to fuel efficiency. He stated that his country was making every effort to provide consumers with accurate information. He announced that his country would contribute in the work of the IWG for developing Phase 2 of the UN GTR.

82. The representative of the United States of America abstained. He explained that the existing requirements in his country provided significant controls, covered many different operating systems and applied to various pile requirements. It was also explained that his country still needed to verify the equivalence of the provisions of the UN GTR with their current national regulations. However, he stated that his country supported the UN GTR and looked forward to further contributing to aligning the two sets of regulations as part of future WLTP work. The representative of Canada also abstained providing similar justifications.

83. The representative of Germany welcomed the establishment of the UN GTR on WLTP which completes the emissions requirements for all categories of vehicles covered by UN GTRs. He thanked the co-sponsors of the UN GTR, all experts of GRPE, WLTP informal groups and task forces for their longstanding efforts.

B. Proposal for a global technical regulation on tyres (agenda item 14.2)

Documentation: ECE/TRANS/WP.29/2013/63, ECE/TRANS/WP.29/2013/122, ECE/TRANS/WP.29/AC.3/15 and ECE/TRANS/WP.29/2012/125

84. The Chair of GRRF informed AC.3 that the draft proposal ECE/TRANS/WP.29/2013/63 was not recommended for vote at this session. He noted that WP.29 has approved an extraordinary session of GRRF during the June 2014 session of WP.29 to address remaining issues (see para. 36 above). AC.3 welcomed this information and expected consideration and vote on this proposal at its November 2014 session.

XVI. Consideration of technical regulations to be listed in the Compendium of Candidate global technical regulations, if any (agenda item 15)

85. AC.3 noted that no requests for listing were submitted.

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

Guidance requested by GRSP (agenda item 16.1)

86. Upon the request of the representative of the United States of America, AC.3 agreed to discuss WP.29-162-03 under agenda item 17.5 (see paras. 91 and 92 below).

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

A. Gtr No. 2 (Worldwide Motorcycle emission Test Cycle (WMTC)) (agenda item 17.1)

87. The representative of EU summarized the work progress of the IWG on Environmental and Propulsion Performance Requirements (EPPR) for L-category vehicles. He reported on meetings and indicated that the work on amending UN GTR No. 2 had started. He informed AC.3 that the highest priority had been given to the elaboration of draft UN GTRs on the evaporative emissions and on OBD. The other two draft UN GTRs on durability requirements of pollutant control devices and on propulsion unit performance requirements would be developed later. He added that the seventh meeting of EPPR would take place in conjunction with the June session of GRPE and that the eighth meeting was tentatively planned to be held in Brussels in October 2014. AC.3 requested the secretariat to modify the title of this agenda item as follows: Gtr No. 2 and other gtrs on environmental and propulsion unit requirements for L category of vehicles.

B. Gtr No. 3 (Motorcycle braking) (agenda item 17.2)

88. The representative of Italy gave a status report on the activities of GRRF on parallel amendments to UN GTR No. 3 and UN Regulation No. 78, introducing provisions for new types of Combined Braking Systems (CBS). The Chair of GRRF added that the group precisely clarified its intentions during the February 2014 session and was targeting the completion of the work for the September 2014 session of GRRF.

C. Gtr No. 4 (Worldwide Heavy-Duty Certification procedure (WHDC)) (agenda item 17.3)

Documentation: Informal document WP.29-162-08

89. The representative of EU confirmed that the IWG would present a formal proposal for amendments to the UN GTR for consideration by GRPE at its June 2014 session and expected that AC.3 would adopt it at its November 2014 session. He presented WP.29-162-08 requesting an extension of the GRPE mandate on developing amendments to the UN GTR including the alignment of UN GTRs Nos. 4 and 11. AC.3 adopted the request and invited the secretariat to prepare the corresponding AC.3 authorization.

D. Gtr No. 7 (Head restraints) (agenda item 17.4)

90. The representative of the United Kingdom reported on the work progress of the IWG on Phase 2 of UN GTR No. 7. He informed AC.3 that the validation of Biofidelic Rear Impact Dummy II (BioRID II) was well advanced and that the IWG would submit to the May 2014 session of GRSP, an informal document complementing the official proposal for amendments to the UN GTR. He clarified that GRSP was expected to recommend in December 2014, the amendments for consideration by AC.3 at its June 2015 session. He added that a proposal for Addendum 1 to the Mutual Resolution No. 1 (M.R.1) would also be submitted to that session of GRSP to incorporate a complete set of drawings and specifications of BioRID II. He finally thanked the manufacturer of the dummy for the

close cooperation, the support in delivering all the specifications mentioned above and the removal of restrictions for their use.

E. Gtr No. 9 (Pedestrian safety) (agenda item 17.5)

Documentation: ECE/TRANS/WP.29/2014/29
Informal document WP.29-162-03

91. The representative of the United States of America, on behalf of the Chair of GRSP, introduced WP.29-162-03 (seeking guidance on issues not solved at the December 2013 session of GRSP), concerning the Injury Assessment References Values (IARVs) for the flexible lower legform (FlexPLI) to bumper test of the proposal for amendments to the UN GTR. He clarified that the text of the amendment to UN GTR No. 9 had been recommended by GRSP to the June 2014 session of AC.3. He reported that during the December 2013 session of GRSP, the expert from the United States of America had submitted informal document GRSP-54-32 stating that it was not in a position to agree with the proposed IARVs. He added that the proposed compromise solution of a footnote had been made by Germany at GRSP to allow other injury thresholds for Contracting Parties that do not have existing pedestrian protection regulations. He concluded that, at that session of GRSP, the expert from OICA had observed that this would compromise harmonization.

92. The representative of the United States of America proposed referring the document back to GRSP for consideration at its May 2014 session, which would delay the establishment of the UN GTR to a later session of AC.3. The representative of Germany noted that if the establishment of the amendments to the UN GTR would be delayed, the corresponding amendments to UN Regulation No. 127 should be transmitted to AC.1 for consideration at its June 2014 session. Furthermore, he sought the consent of AC.3 to extend the mandate of the IWG until November 2014. The representative of OICA added that amending UN Regulation No.127 would be perfectly possible since the needed transitional provisions would maintain the desired alignment with the current GTR No.9, thereby granting time for the research conducted in the United States of America. He also suggested consideration of yet another approach, by proceeding with the amendment of GTR No. 9 without the proposed footnote, but with a review clause for the IARV. AC.3 gave its consent to extending the mandate of the IWG and requested GRSP to further revise the compromise proposal at its May 2014 session based on the cost-benefit analysis.

F. Gtr No. 13 (Hydrogen and Fuel Cell Vehicles (HFCV) – Phase 2) (agenda item 17.6)

93. The representative of the United States of America, on behalf of the co-sponsors, provided an oral report on this matter. He informed AC.3 that his country had begun the process of transposing the UN GTR and that a Notice of Proposed Rulemaking (NPRM) was expected in 2015. He clarified that his country and the co-sponsors (Germany and Japan) were expected to submit draft terms of references (ToR) to the May 2014 session of GRSP and to the June 2014 session of AC.3 on Phase 2 of the UN GTR. He also anticipated that topics for Phase 2 would include: (i) potential harmonization of crash test specifications, (ii) potential scope revision to address additional vehicle categories, (iii) refinement of test procedures and correction of errors, (iv) material compatibility and hydrogen embrittlement, (v) evaluation of performance test and stress rupture proposed in Phase 1, (vi) electric barrier enclosure and (vii) consideration of research results reported after completion of Phase 1. AC.3 agreed that due to the complexity of the proposed

Phase 2, a proposal of authorization to develop it, including the ToR and a new IWG mandate would be submitted as soon as possible to GRSP and AC.3.

G. Gtr No. 14 (Pole Side Impact (PSI)) (agenda item 17.7)

94. AC.3 noted that GRSP had not yet received any further proposal for amendments to the UN GTR related to the issues raised by the United States of America at the November 2013 session of AC.3.

H. Draft gtr on Electric Vehicles Safety (EVS) (agenda item 17.8)

95. The representative of the United States of America informed AC.3 about the progress made by the IWG in developing the outline of the UN GTR along with a draft UN GTR submitted by Canada, Japan and the United States of America. He announced that the IWG would provide a status report at the June 2014 session of AC.3 based on the results of the fifth meeting of the IWG scheduled to be held in May 2014 in Washington, D.C.

96. The representative of EU underlined the importance of a quick outcome of the IWG activities. He urged delegates to overcome the disagreements that still remain on developing the draft UN GTR, especially the issue of whether to draft the UN GTR in one or two phases. He recommended considering this subject prior to the May 2014 meeting of the IWG. AC.3 welcomed this recommendation. The representative of OICA also supported these statements and added that the suggestion for a two-phase approach was linked to the urgency of completing harmonized requirements in a first phase, based on available knowledge, while future research results could be considered in a second phase.

97. AC.3 noted that an extension of the mandate of the IWG could be needed given the current schedule of development of the UN GTR. AC.3 expected to further discuss this topic at the June 2014 session.

I. Draft gtr on Quiet Road Transport Vehicles (agenda item 17.9)

98. The representative of the United States of America informed AC.3 on the outcome of the fifth meeting of the IWG on Quiet Road Transport Vehicles (Tokyo, 10-12 December 2013), which was attended by stakeholders from governments, consumer advocacy groups and industry. He added that the IWG had addressed each element of the draft UN GTR and had identified difficulties in a number of areas. He reported that various views and positions had been explained in a document that facilitated discussions and decision-making at GRB or AC.3. He concluded that several smaller and more focused task force meetings had been conducted to consider all views and positions and that the results of these meetings would be consolidated in a document for consideration at the next session of the IWG (Washington, D.C., 13-15 May 2014).

99. The secretariat reported on the outcome of the discussions on this matter by GRB at its February 2014 session (ECE/TRANS/WP.29/GRB/57, paras. 25 and 26). He added that during that GRB session, the expert from the World Blind Union (WBU) had highlighted three key elements of Audible Vehicle Alerting System (AVAS) for people with impaired vision: (i) the alert sound should be of a sufficient volume and its composition (frequency, etc.) should allow for location and identification of the movement of the vehicle; (ii) the system should be active on stationary vehicles; and (iii) the AVAS should not be switched off.

J. Draft UN GTR on Worldwide harmonized Light Vehicle Test Procedures (WLTP) (agenda item 17.10)

Documentation: ECE/TRANS/WP.29/2014/30

100. On behalf of the GRPE Chair, the representative of EU introduced a proposal requesting authorization to amend UN GTR on WLTP, just adopted (see para. 77 above), and to extend the mandate of the IWG to June 2016 in order to develop Phase 1(b) of the UN GTR (ECE/TRANS/WP.29/2014/30). The proposal included an outline of the forthcoming activities, a road map and the structure of the IWG on WLTP. He explained that the remaining open issues had been resolved at the GRPE session held in Geneva on 14 November 2013. AC.3 adopted ECE/TRANS/WP.29/2014/30 and extended the mandate of the IWG until June 2016. AC.3 requested the secretariat to prepare the corresponding AC.3 authorization to amend the UN GTR and to transmit it to GRPE.

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

101. The representative of EU stated that, due to the high number of priorities listed under agenda item 17, no new priorities should be incorporated into the programme of work.

A. Vehicle crash compatibility (agenda item 18.1)

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

B. Intelligent Transport Systems (agenda item 18.2)

103. No supplementary information was provided beyond agenda item 2.3 (see paras. 12-14 above).

C. Road illumination technologies (agenda item 18.3)

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

D. Harmonization of side impact dummies (agenda item 18.4)

105. The representative of the United States of America reported on the activities of the IWG. He indicated that work was adequately progressing on including the 50th percentile world side impact dummy (WorldSID) into the draft Addendum 2 to M.R.1. He added that some parts of the 5th percentile female dummy needed to be redesigned and that the resulting delay would likely be to the end of 2015 after which the 5th percentile female dummy could be included into M.R.1. The representative of the United Kingdom underlined that the lack of free access to drawings and specifications of the WorldSID by ISO would affect the good work results for UN GTR No. 7 (Phase 2), UN GTR No. 9 (Phase 2) as well as future ones. He considered that a reference in the UN GTRs to the ISO standards should not be accepted. He invited the representative of the United States of America to inform AC.3 on the manner in which his administration was managing such access restrictions to the corresponding standards on side impact dummies. AC.3 agreed to resume consideration on this issue at its next session.

E. Electric vehicles and the environment (EVE) (agenda item 18.5)

106. The representative of Canada reported on the results of the eighth and ninth meeting of the IWG on Electric Vehicles and the Environment (EVE) (Geneva, 7 January 2014 and Ann Arbor, United States of America, 17-18 February 2014). She added that the draft Electric Vehicle Regulatory Reference Guide had been presented as an informal document, at the January 2014 session of GRPE and that the draft guide had been agreed on, in principle, at the subsequent meeting of the IWG. An updated version of the draft guide had been submitted as an official document for consideration at the June 2014 session of GRPE. AC.3 was expected to consider the reference guide at its November 2014 session. She reported that during the ninth EVE meeting the group decided to pursue a request for a new mandate post-2014 which would be considered informally at the June 2014 GRPE session. She announced that the next meeting of the IWG would be held in Geneva on 2 June 2014 in conjunction with the June 2014 session of GRPE.

F. Autonomous vehicles (agenda item 18.6)

Documentation: Informal document WP.29-162-20

107. The representative of OICA introduced WP.29-162-20 proposing a classification system with six levels of automation in vehicles. He highlighted the importance of harmonizing such a classification system and the related definitions at an international level. The secretariat indicated that the OICA proposal included an additional definition of step of autonomy compared with the NHTSA classification system presented in November 2013 (WP.29-161-18). The representative of Germany underlined the importance of the harmonization of legal frameworks for future vehicle automation. He added that WP.29-162-20 focused on the role of the driver. He was of the opinion that, from a legal perspective, the World Forum should concentrate on the performance requirements of automated vehicles. The representative of Japan affirmed the necessity to also take into account the driver's role. He announced a presentation, at the next meeting of the ITS IWG, with only two types of automation –with the driver "in the loop" or "out of the loop". The representative of the United Kingdom noted the challenges remaining on the transition between autonomous driving and the driver resuming control of the vehicle. However, he emphasized that a classification system and the corresponding definitions should first be established.

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

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

XX. Proposals to develop new gtrs and/or amendments to established gtrs, not included under agenda item 16, if any (agenda item 19)

109. No new proposal was raised.

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

Documentation: Informal document WP.29-162-16

110. The representative of the Republic of Korea presented WP.29-162-16 complementing his presentations on Vehicle Indoor Air Quality (VIAQ) given at the previous session of WP.29 (ECE/TRANS/WP.29/1106, para. 117). He invited AC.3 to evaluate the possibility of establishing an IWG under GRPE with the aim to develop a new UN GTR. He added that his country would be committed to chair such a group.

111. The representative of Canada recalled her statement made at the previous session (ECE/TRANS/WP.29/1106, para. 118). She suggested focusing on the identification of best practices and the collection of information before undertaking regulatory work. The representative of the Russian Federation indicated that his country was concerned by air quality issues and announced an active participation in this work, if included in the programme of work. The representative of EU expressed his concern to involve the proper experts from the European Commission on this topic. The representative of OICA stated that work in this area may be, instead, based on an international standard and be addressed in the Consolidated Resolution for the Construction of Vehicles (R.E.3) and the special resolution S.R.1.

112. Before taking a decision on including this matter into the programme of work, AC.3 requested the secretariat to provide information, if any, on activities in this area within the UN and to report back to AC.3 at the next session in June 2014.

XXII. Other business (agenda item 21)

113. The World Forum noted that Mr. Doornheim (the Netherlands) would no longer attend the WP.29 sessions and thanked him for his very valuable contributions to the activities of WP.29 and its subsidiary bodies. WP.29 wished him all the best for his retirement.

D. Administrative Committee of the 1997 Agreement

XXIII. Establishment of the Committee AC.4 and election of officers for the year 2014 (agenda item 22)

114. Following the recommendation of WP.29, the Administrative Committee AC.4 did not convene (see paras. 63-65 above).

Annex I

List of informal documents (WP.29-162-...) distributed without a symbol during the 162nd 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	Working Parties, Informal Working Groups and Chairmanship (29/01/2014)	(a)
2	Secretariat	2.5.	E	Tasks to be performed by the members of the secretariat in 2014	(a)
3	Chair of GRSP	17.5.	E	Guidance, by consensus decision on elements of draft GTR No. 9 – Phase 2 that have not been resolved by the Working Party on Passive Safety	(a)
4	IWVTA	4.4.	E	Proposal for Revision 3 of the 1958 Agreement	(c)
5	GRRF	4.12.3.	E	Proposal for amendments to ECE/TRANS/WP.29/2013/66	(b)
6	Secretariat	12., 14.	E	Executive Committee of the 1998 Agreement fortieth session, Consideration and vote by AC.3 of draft global technical regulations and/or draft amendments to established gtrs (March 2014)	(a)
7	Secretariat	5.1., 17.	E	Status of the 1998 Agreement of the global registry and of the compendium of candidates, situation on priorities and proposals to develop gtrs as of 21 February 2014	(a)
8	European Union	17.3.	E	Extension of the scope of the mandate to the GRPE Informal Group on Heavy-Duty Hybrids for the alignment between gtr n° 4 and gtr n° 11	(b)
9	Secretariat	7.1.		Vote to amendments to UN Rules Nos. 1 and 2	(a)
10	EU, as Chair of the subgroup on the Revision 3 of the 1958 Agreement	4.4.	E	Updated proposal for Revision 3 of the UNECE 1958 Agreement	(a)
11	Chair of the IWVTA subgroup on UN Regulation No. 0	4.3.	E	Draft UN Regulation No. 0, Uniform provisions concerning International Whole Vehicle Type Approval (IWVTA)	(a)
12	Chair of the IWVTA Subgroup on UN Regulation No. 0	4.3.	E	Progress Towards an International Whole Vehicle Type Approval Scheme	(a)
13	European Union	13.	E	Transposition of GTRs	(a)

<i>No.</i>	<i>Transmitted by</i>	<i>Agenda item</i>	<i>Language</i>	<i>Title</i>	<i>Follow-up</i>
14	Republic of Korea	13.	E	Notification and update of the status report on UN GTRs	(a)
15	Republic of Korea	8.5.	E	Defect investigation on panoramic sunroof	(a)
16	Republic of Korea	20.	E	Implementation of Vehicle Indoor Air Quality (VIAQ)	(a)
17	Secretariat	4.5.	E	Status report on the secretariat's activities concerning DETA	(a)
18	Secretariat	4.4.	E	Principles for Supplements, Series of amendments and Revisions to UN Regulations	(a)
19	Russian Federation	8.4.	E	Proposals for amendments to UN Regulations Nos. 94 & 95 for Performance Assessment of In-Vehicle Emergency Call Systems	(a)
20	OICA	18.6.	E	Automated Driving, definition for levels of automation	(a)
21	FIA Foundation	8.3.	E	Global NCAP Research Project "Safer Cars for India"	(a)
22	Republic of Korea	8.5.	E	Panoramic sunroof tests	(a)

Notes:

- (a) Consideration completed or to be superseded.
- (b) Adopted.
- (c) Continue consideration at the next session with an official symbol.

Annex II

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

Situation on priorities and proposals to develop gtrs as of 13 March 2014

GRRF

<i>Item</i>	<i>Informal group (Yes-No)/ Chair & 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>
UN GTR on Tyres	Yes/UK	France	AC.3/15	2010/80 2013/63	AC. 3 recommended that GRRF work on the pending issues (in square brackets). Phase 1 of the UN GTR to be considered at the June 2014 session of GRRF.
UN GTR No. 3 on motorcycle brake systems	No	Italy	AC.3-37	2013/128	GRRF is expected to consider a draft amendment to the UN GTR at its September 2014 session

GRSP

<i>Item</i>	<i>Informal group (Yes-No)/ Chair & 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>
Phase 2 of UN GTR No. 7 (Head Restraints)	Yes/UK	Japan	AC.3/25/ Rev.1	2012/34 (third progress report) GRSP/2013/24 (Draft UN GTR)	GRSP is expected to consider a complete proposal, addressing all issues, including a draft Addendum to the M.R.1 at its May 2014 session.

* Information on the Contracting Parties (33), the Global Registry and the Compendium of Candidates are in document ECE/TRANS/WP.29/1073/Rev.9.

<i>Item</i>	<i>Informal group (Yes-No)/ Chair & 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>
Phase 2 of UN GTR No. 9 (Flex-PLI) (Pedestrian Safety)	Yes/ Germany/ Japan	Germany/ Japan	AC.3/24	2012/58 (ToR and 1 st progress report) 2012/120 (2 nd progress report) 2013/36 (3 rd progress report) 2013/129 (4 th progress report) GRSP/2013/25 (Draft UN GTR) GRSP/54/Annex 2 (final report)	AC.3 requested GRSP to revise a compromise proposal on IARVs at its May 2014 session.
Amendment No. [2] to UN GTR No. 9		NL	AC.3/31	GRSP/2014/2 GRSP/2014/5	GRSP will consider a revised proposal concerning points of contact of headform impactors at its May 2014 session addressing the Phase 1 and 2 of the UN GTR.
Phase 2 of UN GTR No. 13 (HFCV)					AC.3 is expected to consider proposal of authorization to develop Phase 2 including a new mandate and ToR at its June 2014 session.
UN GTR No. 14 (PSI)	Yes/ Australia	Australia	AC.3/28		GRSP is expected to consider a proposal of Addendum 2 to the M.R.1. to incorporate the 50 th percentile World SID dummy
UN GTR on EVS	Yes/USA/ EU/ Japan/ China	EU/ Japan/ USA/ China	AC.3/32	2012/121 (ToR) 2012/122 (1 st progress report)	AC.3 will resume consideration on the outcome of discussion of the IWG at its June 2014 including the decision of the IWG to develop the UN GTR in one or two phases.

GRPE

<i>Item</i>	<i>Informal group (Yes-No)/ Chair & Vice- Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS/ WP.29/...)/</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/..)</i>	<i>State of play/Comments</i>
Amend. 4 to UN GTR No. 2 (WMTC)	Yes/EC (EPPR)	EU	AC.3/36 (based on 2013/127)		AC: 3 took note of the priorities defined concerning evaporative emissions and OBD as well as of the work started concerning amendments to GTR No. 2

<i>Item</i>	<i>Informal group (Yes-No)/ Chair & Vice- Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS/ WP.29/...)/</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/..)</i>	<i>State of play/Comments</i>
Amend. 3 to UN GTR No. 4 (WHDC)	Yes/EC (HDH)	EU/ Japan	AC.3/29 (WP.29-162-08) -> AC.3/29/ Add.1		GRPE is expected to finalize the draft of the new annex at its June 2014 session and AC.3 is expected to consider the draft GTR at its November 2014 session. AC.3 adopted the mandate extension.
<i>Worldwide harmonized Light vehicles Test Procedure (WLTP)</i>	---	<i>EU & Japan</i>	AC.3/26 & Add.1	2014/27 2014/27/Corr.1	AC. 3 established WLTP in the Global Registry as GTR No. 15. AC.3 document tabled for March 2014.
Subgroup on Development of the Harmonized driving Cycle (DHC)	Yes/Japan (WLTP-DHC)	EU & Japan	AC.3/26 & Add.1		---
Subgroup on Development of the Test Procedure (DTP)	Yes/CH (WLTP-DTP)	EU & Japan	AC.3/26 & Add.1		---
Amend. 1 to WLTP UN GTR	Yes/EC & Japan (WLTP)	EU & Japan	/2014/30 -> AC.3/...		Extension of the mandate of the WLTP informal working group to end of 2015 for the amendment of the WLTP UN GTR agreed.

GRB

<i>Item</i>	<i>Informal group (Yes-No)/ Chair & Vice- Chair</i>	<i>Tech. sponsor</i>	<i>Formal proposal (ECE/TRANS/ WP.29/...)/</i>	<i>Proposal for a draft UN GTR (ECE/TRANS/WP.29/..)</i>	<i>State of play/Comments</i>
Quiet Road Transport Vehicle	Yes/USA/ Japan	EU/Japan/ USA	---	AC.3/33 (Including ToR)	The IWG is considering the draft UN GTR with an extended mandate until November 2015

Situation of subjects for exchange of views

<i>Working Party</i>	<i>Item</i>	<i>Inf. group (Yes-No)/ Chair & Vice-Chair</i>	<i>Tech. sponsor</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 nd progress report)	GRSP expects a proposal of addendum to the M.R.1 to incorporate WorldSID 50 th % jointly prepared with the IWG on pole side impact.
GRE	Road illumination technologies	<i>No</i>	No	---	No new information was provided.
GRRF	Vehicle Platooning and further automations	<i>No</i>	No	---	GRRF experts were raising awareness about innovations concerning driving automations
WP.29	ITS	<i>No</i>	---	---	No new information was provided
WP.29	Electric Vehicles and Environment	<i>No</i>	No	---	The IWG is developing a reference guide
WP.29	New technology not yet regulated (Autonomous Vehicles)	<i>No</i>	No	---	Discussion should be continued at the March 2014 session of AC.3.
