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World Forum for Harmonization of Vehicle Regulations

159th session

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Reports of the

**World Forum for Harmonization of Vehicle Regulations on
its 159th session**

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

**Executive Committee of the 1998 Agreement on its thirty-
seventh 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 159th session from 12–15 March 2013 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): Austria, Belgium, Bosnia and Herzegovina; Bulgaria; Canada; People's Republic of China; Colombia; Croatia; Finland; France; Germany; Hungary; India; Italy; Japan; Latvia; Luxembourg; Netherlands; Norway; Republic of Korea; Romania; Russian Federation; Slovakia; Republic of South Africa; Spain; Switzerland; Turkey; United Kingdom of Great Britain and Northern Ireland; United States of America. Representatives of the European Union (EU) participated. The following non-governmental organizations were also represented: Association for Emission Control by Catalyst (AECC), Consumers International (CI), the International Motor Vehicle Inspection Committee (CITA), European Association of Automotive Suppliers (CLEPA/MEMA/JAPIA)¹; Fédération Internationale de l'Automobile (FIA); the Foundation for the Automobile and Society (FIA Foundation), Working Party "Brussels 1952" (GTB); International Motorcycle Manufacturers Association (IMMA); International Organization of Motor Vehicle Manufacturers (OICA). At the invitation of the secretariat, the European Tyre and Rim Technical Organisation (ETRTO) and the University of Sao Paulo (Brazil) also participated.

II. Opening statements made during the session

2. The Director of the Transport Division welcomed the representatives and presented the strategic orientation of the Inland Transport Committee (ITC) and the Transport Division's activities emphasizing the global outreach, especially in the field of vehicle regulations, transport of dangerous goods, border crossing facilitation and road safety.

3. She underlined the increasing demand for mobility that in the future cannot be met in the old, traditional ways. The Director stressed the importance of transport for achieving the Millennium Development Goals even though none of the MDGs deal specifically with transport. MDGs are planned to be achieved by 2015 and the preparation has started to address the post -2015 agenda; discussions are ongoing about potential future Sustainable Development Goals. She referred to the recent study of UNECE titled "Transport for Sustainable Development in the ECE region" and pointed out the importance of the three pillars of sustainability: economic, social and environmental. With this approach, road safety, as well as security, are part of sustainable development. Delegates of WP.29 were invited to support SDGs on transport.

4. She reported on the highlights of the seventy-fifth session of the ITC as well as the signing of two Ministerial Declarations: one on Euro-Asian Transport links and one on Unified Railway Law. She informed the World Forum that the second UN Road Safety Week will be from 6 to 12 May, UNECE will organize several high profile events first of all on 6 and 7 May in the Palais des Nations. She invited the delegates to participate and

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

asked for support on the possible demonstration of vehicle safety and autonomous driving. The Director concluded that ITC had requested closer cooperation among all the Working Parties to better address cross cutting issues, like Intelligent Transport Systems and Services, road safety, etc. In this regard WP.1 and WP.29 were asked to accelerate their deliberations on "consistency", i.e. on driver's control of the vehicle.

III. Adoption of the agenda (agenda item 1)

Documentation: ECE/TRANS/WP.29/1100 and Add.1, Informal documents WP.29-159-11 and WP.29-159-11/Rev.1

5. The provisional annotated agenda for the session (ECE/TRANS/WP.29/1100 and Add.1) was adopted with the amendments noted below:

(a) Addition and amendments of agenda items:

- 4.9.14. ECE/TRANS/WP.29/2013/39 Proposal for Supplement 16 to Regulation No. 77 (Parking lamps)
- 4.9.15. ECE/TRANS/WP.29/2013/40 Proposal for Supplement 15 to Regulation No. 91 (Side mark lamps)
- 8.6. Organization by the Republic of Korea of the twenty-third ESV Conference (27-30 May 2013).
- 8.7. e-Call administrative provisions in the Customs Union of Belarus, Kazakhstan and the Russian Federation.

(b) Addition and correction of document reference for items:

- 2.2. *add* ECE/TRANS/2013/15
- 2.5. *add* ECE/TRANS/2012/9/Rev.1 and ECE/TRANS/2012/10/Rev.1
- 4.1. *add* ECE/TRANS/WP.29/343/Rev.21
- 4.8.1. *for* based on ECE/TRANS/WP.29/GRSG/2010/26
read based on ECE/TRANS/WP.29/GRSG/2012/26
- 4.9.6. *delete* ECE/TRANS/WP.29/2013/18
- 8.3. *add* ECE/TRANS/WP.1/2011/4/Rev.1
- 13.1. *for* ECE/TRANS/WP.29/2012/AC.3/35, *read* ECE/TRANS/WP.29/AC.3/35

(c) Items or documents postponed for a further session: 4.11.5.

(d) Items deleted from the agenda: 15.1.

6. 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)

7. The 111th session of WP.29/AC.2 — the Committee that examines the coordination and organization of World Forum's work — was held on 11 March 2013, 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 ECE/TRANS/WP.29/690/Amend.1 and Amend.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, by the representatives of the European Union, Japan and the United States of America and by the Vice-Chairs of WP.29 (Russian Federation), GRPE (India), and GRSP (Republic of Korea).

8. The Committee reviewed the draft agenda of the 159th session of the World Forum and recommended the amendments as indicated in para. 5 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). It was also recommended that the Administrative Committee of the 1997 Agreement (AC.4) not hold its session. WP.29/AC.2 reviewed the draft agenda for the 160th session of the World Forum, scheduled to be held in Geneva from 25 to 28 June 2013.

9. The Administrative Committee noted that GRPE, GRRF, GRSG and GRSP had elected Vice-Chairs for the year 2013. The Committee reconfirmed the recommendation made at the last session that a representative of the Russian Federation be proposed for Vice-Chair of GRB (ECE/TRANS/WP.29/1099, para. 9). It was also noted that GRE did not have a Vice-Chair.

10. The Administrative Committee noted that the Executive Committee of ECE (EXCOM) had concluded the revision of the ECE reform and invited the secretariat to report to the World Forum under agenda item 2.4 (see para. 17 below).

11. The Administrative Committee was briefed about the ongoing process for providing the Transport Division with technical contributions on diesel exhaust emissions. It was noted that GRPE had considered this issue at its January 2013 session and had agreed that experts should provide comments to the secretariat by the end of March 2013. These comments should be considered by GRPE at its forthcoming session and the conclusion (s) examined by the World Forum at its June 2013 session. The Committee recommended following this schedule and requested the secretariat to include this matter under a new agenda item for the June 2013 session of the World Forum. The Committee also recommended that WP.29 representatives already provide comments, if any, to the GRPE secretariat.

12. The Chair of GRB suggested that the informal group on developing the UN GTR on Quiet Road Transport Vehicles (QRTV) should take into consideration the new noise limits under consideration by GRB. The Committee recommended following this approach and expected that GRB would find a proper balance for noise limit values and minimum sound levels for QRTV equipped with advanced vehicles alert systems.

13. The World Forum adopted the report of the Administrative Committee on its 111th session and its recommendations.

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

Documentation: ECE/TRANS/2013/15, ECE/TRANS/WP.29/2013/1, Informal document WP.29-159-01

14. The World Forum noted the programme of work and documentation (ECE/TRANS/WP.29/2013/1). WP.29 representatives were invited to revise the document and to communicate to the secretariat any amendments deemed necessary. The secretariat presented WP.29-159-01 on the list of informal working groups of WP.29 and its

subsidiary Working Parties (GRs). WP.29 agreed to fix 31 December 2015 as the expiry date of the groups not having an agreed date. The World Forum noted that the list of publications for the biennium 2014-2015 for the Transport Subprogramme (ECE/TRANS/2013/15) contained a slot for updating the publication "WP.29, how it works, how to join it" in order to incorporate the revised 1958 Agreement.

C. Intelligent Transport Systems (agenda item 2.3)

Documentation: Informal documents WP.29-157-06 and WP.29-159-12

15. The co-Chair of the informal working group reminded WP.29 that WP.29-157-06, dealing with design/control principles of Advanced Driver Assistance Systems to harmonize minimum guidelines was postponed for the final review, including the comments by the GRs at its June 2013 session. The World Forum noted that the informal group was expected to meet on Friday, 15 March 2013, starting at 9.30 a.m.

D. Follow-up to the seventy-fifth session of the Inland Transport Committee (ITC) (26-28 February 2013), including the review of the ECE Reform (agenda item 2.4)

Documentation: ITC Informal document 13

16. The secretariat reported on the ITC session (see also para. 4 above). The ITC had requested closer cooperation between WP.1 and WP.29 to solve the inconsistencies between the legal instruments administrated by both bodies and on ITS activities and it was noted that the Bureau of ITC would consider this matter at its June 2013 session on the basis of a report by the Chairs of WP.1 and WP.29. The World Forum agreed that Mr. A. Erario, Chair of GRSG and member of the ITC Bureau, should represent WP.29 in that session. The list of the main decisions adopted by ITC is available at: www.unece.org/fileadmin/DAM/trans/doc/2013/itc/InfDoc13e.pdf. The report of the ITC session will be available at: www.unece.org/trans/main/itc/itc_rep.html.

17. The Chair reported that EXCOM had agreed that two professional posts shall be assigned primarily to the activities of the World Forum and that the Commission was considering this decision at its forthcoming session (9-11 April 2013). He invited the representatives to inform their Permanent Missions participating in the Commission session to support this assignment, which is necessary for the completion by the secretariat of the present and future tasks of the World Forum (see para. 31. of the outcome of the review of the 2005 reform of the ECE. Available at: www.unece.org/fileadmin/DAM/commission/2013/Item_4_E_ECE_1468-EN_AC.pdf).

E. Biennial evaluation for 2012-2013 and programme of work for 2014-2015 and for 2014-2018 (agenda item 2.5)

Documentation: ECE/TRANS/2010/10/Rev.1, ECE/TRANS/2012/9/Rev.1, ECE/TRANS/WP.29/2013/5, ECE/TRANS/WP.29/2013/38

18. The Secretary reported that ITC had approved guidelines for the biennial evaluation and the programme of work (ECE/TRANS/2010/10/Rev.1, ECE/TRANS/2012/9/Rev.1). He announced that ECE/TRANS/WP.29/2013/5 and ECE/TRANS/WP.29/2013/38 would be ready for a further session following these guidelines.

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

A. Working Party on Noise (GRB) (Fifty-sixth session, 3-5 September 2012) (agenda item 3.1)

Documentation: ECE/TRANS/WP.29/GRB/54

19. The World Forum recalled the oral report of the Chair of GRB given during the 158th session (ECE/TRANS/WP.29/1099, paras. 23 - 25) and approved the report.

B. Working Party on Brakes and Running Gear (Seventy-third session, 18-20 September 2012) (agenda item 3.2)

Documentation: ECE/TRANS/WP.29/GRRF/73

20. The World Forum recalled the oral report of the Chair of GRRF given during the 158th session (ECE/TRANS/WP.29/1099, paras. 26 - 28) and approved the report.

C. Working Party on General Safety Provisions (GRSG) (103rd session 2-5 October 2012) (agenda item 3.3)

Documentation: ECE/TRANS/WP.29/GRSG/82

21. The World Forum recalled the oral report of the Chair of GRSG given during the 158th session (ECE/TRANS/WP.29/1099, paras. 29 - 31) and approved the report.

D. Working Party on Lighting and light-Signalling (GRE) (Sixty-eighth session, 16-18 October 2012) (agenda item 3.4)

Documentation: ECE/TRANS/WP.29/GRE/68

22. The World Forum recalled the oral report of the Chair of GRE given during the 158th session (ECE/TRANS/WP.29/1099, paras. 32 - 34) and approved the report, adding the following paragraph under a new agenda item "XXII. Tributes":

"50. GRE was informed about the difficulties experienced by the secretariat in preparing the working documents for this GRE session (ECE/TRANS/WP.29/1097, para. 6) and, therefore, thanked Mr. E. Gianotti for his support as without his positive attitude the GRE session could have been cancelled."

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

1. Working Party on Passive Safety (GRSP) (Fifty-second session, 11-14 December 2012) (agenda item 3.5.1)

23. The Chair of GRSP reported on the results achieved by GRSP during its fifty-second session (for details, see the session report ECE/TRANS/WP.29/GRSP/52).

24. Concerning the development of Phase 2 of the UN GTR on pedestrian safety, she informed WP.29 that GRSP had adopted the revised terms of reference of the informal working group as reproduced in Annex II to the GRSP report. She sought the consent of WP.29 and AC.3 including the extension of the mandate of the informal working group

until June 2014. The World Forum endorsed the extension of the mandate of the informal working group and, in principle, the above-mentioned terms of references, pending the adoption of the GRSP report of its December 2012 session.

25. Regarding the harmonization of side impact dummies, she informed WP.29 that the informal working group was finalizing the validation of the 50th percentile of the World Side Impact Dummy (World SID) but that validation of 5th percentile dummy would need more time than expected. Accordingly, she sought the consent of WP.29 and AC.3 to fix the deadline of the mandate for the informal working group for December 2015. The World Forum agreed that AC.3 should consider this matter (see paras. 109 to 111 below).

26. Concerning the activities of the informal working group of interested experts on Rechargeable Energy Storage Systems (RESS), she informed the World Forum that GRSP had agreed to convert it to a new informal working group and adopted its terms of references as reproduced in Annex VII to the GRSP report. Accordingly, she sought the consent of WP.29 including the deadline of the mandate for the proposed informal working group at November 2014. The World Forum endorsed the establishment of this informal working group and the above-mentioned mandate.

27. The World Forum noted that Ms. M. Versailles (United States of America) had been re-elected GRSP Chair and Mr. Jae-Wan Lee (Republic of Korea) had been elected as Vice-Chair of GRSP for the year 2013 sessions.

2. Working Party on Pollution and Energy (GRPE) (Sixty-fifth session, 15-18 January 2013) (agenda item 3.5.2)

28. The Chair of GRPE informed WP.29 about the results achieved by GRPE during its sixty-fifth session (for more details, see the session report ECE/TRANS/WP.29/GRPE/65).

29. Concerning the work on the worldwide harmonized light vehicles test procedures (WLTP), the Chair of GRPE informed WP.29 that the submission of a draft UN GTR during the special GRPE session of November 2013 was considered feasible.

30. He informed the World Forum that GRPE had agreed that the adoption of the summary report by WP.29 (ECE/TRANS/WP.29/2013/33) shall conclude the activities of the informal working group and task force group on Environmentally Friendly Vehicles (EFV). The World Forum endorsed the decision of GRPE (see para. 76 below).

31. Concerning the activities of the subgroup on Electric Vehicles and the Environment (EVE), he informed the World Forum that GRPE had adopted the updated terms of reference as reproduced in Annex V to the GRPE report (ECE/TRANS/WP.29/GRPE/65). The World Forum agreed that AC.3 should consider this matter (see para. 112 below).

32. WP.29 noted that GRPE nominated the expert from Spain to the task of Ambassador for GRPE on the International Whole Vehicle Type Approval (IWVTA) activities of WP.29.

33. The GRPE Chair reported on the discussion that took place on the draft document prepared by the secretariat related to the carcinogenicity of diesel exhaust emissions and the positive comments received. He added that interested stakeholders had been invited to send their comments to the GRPE secretariat by the end of March 2013. He also reported that GRPE agreed to limit the scope of the document to technical aspects of engines and vehicles, without questioning the conclusions of the experts from the International Agency on Research on Cancer (IARC) of the World Health Organization (WHO). The World Forum endorsed this approach.

34. The representative of the Russian Federation brought to the attention of the World Forum that particulate emissions from vehicles not only originated from the engine, but

also from tyres wear. He added that the latter ones could significantly exceed those of the engine exhausts.

3. Working Party on Noise (GRB) (Fifty-seventh session, 5-7 February 2013) (agenda item 3.5.3)

35. The GRB Chair informed WP.29 about the results achieved during the fifty-seventh session of GRB (for more details, see the session report ECE/TRANS/WP.29/GRB/55).

36. He informed WP.29 that GRB had agreed to establish a group of interested experts on vehicle noise, led by the expert from the European Commission (EC), with the main goal of finalizing a proposal for the 03 series of amendments to UN Regulation No. 51, including limit values and vehicle classification. The World Forum endorsed the establishment of this group of interested experts.

37. He reported that GRB had agreed to candidate UN Regulations Nos. 28 and 51 applicable to IWVTA, excluding UN Regulation No. 117 in view of the possible development by GRRF of a UN Regulation covering the installation of tyres on vehicles.

4. Working Party on Brakes and Running Gear (GRRF) (Seventy-fourth session, 19-22 February 2013) (agenda item 3.5.4)

38. The GRRF Chair reported on the results of the seventy-fourth session of GRRF (for details, see the session report ECE/TRANS/WP.29/GRRF/74).

39. He informed WP.29 that GRRF had agreed on comments to WP.29-157-06 on the Advanced Driver Assistance Systems guidelines.

40. He informed WP.29 that the GRRF Ambassador had presented the relevant paragraphs and tables of WP.29-156-21-Rev.1 on IWVTA. GRRF had addressed the necessary tasks to the experts and agreed to upgrade the priority of the work on a new UN Regulation for tyre installation.

41. He sought guidance from WP.29 on the use of references to private standards, which were not publicly available (see para. 44. under agenda item 4.2.1).

42. WP.29 noted the intention of GRRF to reconsider the proposal by Japan to amend UN Regulation No. 79 (Steering) or to establish a new UN Regulation for "Lane Keeping Assist Systems (LKAS)" and "Parking Assist Systems (PAS)" on the basis of a presentation of the benefits of such systems.

VI. 1958 Agreement (agenda item 4)

A. Status of the Agreement and of the annexed Regulations, including the latest situation report (agenda item 4.1)

Documentation: ECE/TRANS/WP.29/343/Rev.21, Informal documents WP.29-159-03, WP.29-159-05, WP.29-159-09 and WP.29-159-23

43. The World Forum noted the status of the 1958 Agreement (ECE/TRANS/WP.29/343/Rev.21) at 15 February 2013. From that date, a list of modifications to the original status document would be available in the document: "Related list of modifications of the informal updated version of ECE/TRANS/WP.29/343/Rev.21". Both documents will be available on the WP.29 website at: www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29fdocstts.html. The World Forum acknowledged the considerable work done by Ms. L. Bachelard in keeping the status

document updated, which is important for the well-functioning of the Agreement. WP.29 noted the unilateral application of certain UN Regulations by Canada (WP.29-159-03), as well as the communications concerning Technical Services of the Slovak Republic (WP.29-159-05), of the Czech Republic (WP.29-159-09) and of Belgium (WP.29-159-23). The secretariat reported that the European Union had initiated the process for the application of UN Regulations Nos. 29 and 61 and that the Republic of Korea was in the process of ceasing the application of the UN Regulations in force. As soon as the Office of Legal Affairs (OLA) had issued the corresponding Depository Notifications, the status of the Agreement document would be updated consequently.

B. Guidance requested by the Working Parties on matters related to 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)

44. The representative of the United States of America reported that OMB Circular No. A-199 (http://www.whitehouse.gov/omb/circulars_a119) which establishes policies when third party standards are referenced into national legislations is currently being revised. Following the suggestion of the Chair of GRRF, the World Forum agreed to discuss this issue with all the Chairs of the GRs at the next session of AC.2.

C. Development of the International Whole Vehicle Type Approval (IWVTA) system and involvement of the Working Parties (GRs) in it (agenda item 4.3)

Documentation: Informal documents WP.29-159-18 and WP.29-159-19

45. Mr. S. Kiyotani, Director-General for Engineering Affairs of the Road Transport Bureau of Japan, gave a presentation on the importance of the future establishment of the IWVTA system and highlighted Japan's contributions and activities on this subject including Japan's initiatives, if agreed by WP.29, to review several technical regulations (WP.29-159-18). He underlined that the IWVTA system would be beneficial (i) for all governments in delivering transparent, robust and reliable processes for vehicle type approvals, (ii) for the industry in an efficient type approval procedure for vehicles and (iii) for consumers who benefit from lower vehicle prices. His presentation was well received by WP.29.

46. The representative of France, chairing the informal group on IWVTA, reported that good progress was made in this respect by the group during the meetings held in Paris prior to the WP.29 session. The representative of EU, chairing the IWVTA subgroup on the 1958 Agreement, presented a first draft proposal of the revised 1958 Agreement (WP.29-159-19). He recalled the main purpose of that revision and outlined the remaining issues for which the group members seek the advice of WP.29: (i) level of ambition with respect to the list of 50 action items previously endorsed by WP.29 as well as concerns and questions raised when discussing this list (one of these questions raised by the group is the legal status of the so-called placeholder specifying the administrative provisions for the type approval procedure), (ii) the possible reduction of the notification procedure by a Contracting Party from six months to three months and the possible need to change the condition of the formal adoption of a new Regulation or an amendment to an existing Regulation, (iii) the exchange of Type-approval data and the role of DETA in this process and (iv) the application of the Regulations annexed to the 1958 Agreement for self-certification purposes.

47. The representative of Japan expressed his preferences that (i) the amendments to the Agreement be as simple as possible to ease domestic procedures, (ii) the new provisions specified in the placeholder should not be part of the Agreement itself, but be referenced or annexed to the 1958 Agreement to simplify their future amendments and (iii) the possible revision of conditions for the formal adoption of a new Regulation or an amendment to an existing Regulation be considered taking into account some Asian countries' opinion to change it from two-third to four-fifth majority of the Contracting Parties (CPs). On the latter, the representatives of India and the Republic of Korea expressed their support and stressed the need for further considerations. The representative of the Republic of Korea underlined the need to review the proposed provisions of the 1958 Agreement to allow the application of the UN Regulations annexed to the 1958 Agreement for self-certification purposes. He stated that his country can only adopt the technical provisions with the exception of other administrative procedures, including Conformity of Production (CoP), of the Regulations because of significant different procedures between self-certification and type-approval systems.

48. The Vice-Chair of WP.29 (Russian Federation) reminded the World Forum that 1998 Agreement was developed parallel to the 1958 Agreement and that the 1998 Agreement had only technical provisions to better cover the needs of countries applying self-certification procedures.

49. The secretariat reported on its exchange of views with OLA on possibly reducing the entry into force period of new Regulations or new amendments to existing Regulations by simplifying the first notification procedure after the adoption by WP.29/AC.1. The World Forum welcomed this initiative and requested the secretariat to further investigate with OLA the legal possibility to simplify the notification procedures.

50. The representative of the United Kingdom stressed the importance of retaining in the Agreement the overriding principle of the mutual recognition of the type approvals that helps and facilitates open markets between the Contracting Parties. This position was shared by the majority of the Contracting Parties to the Agreement.

51. The representative of Japan, chairing the IWVTA subgroup on the development of UN Regulation No. 0, informed WP.29 about the work progress made and announced the group's intention to further develop, at its June 2013 meeting, the explanatory note on the flexible scheme for IWVTA. He added that the subgroup expected to consider the procedure on how to upgrade Regulation No. 0, to clarify the so-called IWVTA step 1 and to clarify the crucial question if a Contracting Party applying it would have to apply and recognize all individual Regulations listed in Regulation No. 0. He announced the subgroup's intention to finalize a first proposal on Regulation No. 0 for consideration by WP.29 at its November 2013 session.

52. The World Forum acknowledged the progress made by the IWVTA subgroup. The Chair expected the informal group to submit the final draft revision of the 1958 Agreement for consideration at the November 2013 session on the basis of an official document. He underlined the need of the readiness by a Contracting Party to initiate the official procedure with OLA for the submission of the amendment to the 1958 Agreement. He invited the delegates from the Contracting Parties to the Agreement to be in the position, at the forthcoming session in June 2013, to give information on their national/regional procedures for the adoption and transposition of the revised Agreement, and on the time needed for the completion of this procedure.

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

53. WP.29 noted that this subject was considered under agenda item 4.3.

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

Documentation: Informal document WP.29-159-21

54. The Chair of the informal group on DETA presented an interim report and informed WP.29 that his group had concluded, at its meeting held in Geneva on 11 March 2013, the first stage. He introduced WP.29-159-21 proposing an updated roadmap on the implementation procedure for a database facilitating the exchange of type approval documentation, including IWVTA. He sought the endorsement by WP.29 on the proposed approach, if possible for the June 2013 session in order to be in the position to insert the appropriate amendments into the revision of the 1958 Agreement. Some concerns were raised and the Chair of the informal group announced that a revised document would be transmitted to the secretariat for its distribution with an official symbol at the June 2013 session.

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

55. The World Forum considered the draft amendments under agenda items 4.6.1 to 4.6.3, and recommended their submission to AC.1 for voting.

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

56. The World Forum considered the draft amendments under agenda items 4.7.1 and 4.7.2, and recommended their submission to AC.1 for voting.

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

57. The World Forum considered the draft amendments under agenda items 4.8.1 to 4.8.5, and recommended their submission to AC.1 for voting, subject to the corrections mentioned in paras. 58 and 59 below:

58. Agenda item 4.8.1, UN Regulation No. 43, document ECE/TRANS/WP.29/2013/8:

Annex 12, paragraph 2.2, correct "the ~~a~~-nominal width" to read "the nominal width".

59. Agenda item 4.8.3, UN Regulation No. 60, document ECE/TRANS/WP.29/2013/10 (see WP.29-159-04):

Paragraph 2.23., correct "Combined service brake" to read "Combined brake";

Paragraph 5.2.5.3., correct "Iidentifies" to read "Identifies";

Paragraph 11., shall be deleted.

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

60. The World Forum considered the draft amendments under agenda items 4.9.1 to 4.9.15, and recommended their submission to AC.1 for voting, subject to the corrections mentioned in para. 61 below:

61. Agenda item 4.9.11, Regulation No. 87, document ECE/TRANS/WP.29/2013/23:

Through the whole document, correct "must" to read "shall" (3 times).

62. Under agenda items 4.9.8 to 4.9.10 (UN Regulation No. 48), the representative of OICA suggested to avoid, for the sake of simplicity and avoid confusion, preparing amendments to subsequent series of amendments to a UN Regulation, since requirements and test procedures, as long as they are not amended in subsequent series of amendment, remain valid and, therefore, do not need to be repeated each time.. WP.29 noted that, in this case, the documents tabled under these agenda items were justified. The Chair of GRE announced that GRE was expected to consider, at its forthcoming session in April 2013, a concrete proposal prepared by GTB and OICA to clarify the transitional provisions of parallel series of amendments in force at the same time. He also indicated GRE's willingness to avoid such amendments in future. It was suggested considering this horizontal issue also at the forthcoming session of AC.2.

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

63. The World Forum considered the draft corrigenda under agenda items 4.10.1 and 4.10.2, and recommended their submission to AC.1 for voting.

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

64. The World Forum considered the draft amendments under agenda items 4.11.1 to 4.11.4, and recommended their submission to AC.1 for voting, subject to the corrections mentioned in paras. 65 and 66 below:

65. Agenda item 4.11.2, Regulation No. 53, document ECE/TRANS/WP.29/2013/29 (see WP.29-159-02):

Paragraph 6.2.6.1., correct to read:

"6.2.6.1. ...

However, the additional light source(s) or additional lighting unit(s) shall not be activated when the bank angle is less than 5 degrees.

..."

66. Agenda item 4.11.3, Regulation No. 69, document ECE/TRANS/WP.29/2013/30, correct to read:

Annex 6, paragraph 2.1.1., for 0.3 read 0.03.

67. Under agenda item 4.12.1 (Regulation No. 51), WP.29 agreed to defer consideration of this item to its November 2013 session.

68. Under agenda item 4.12.2 (Regulation No. 121), WP.29 agreed to defer this item, to its March 2014 session, and to consider it together with a concrete proposal by GRRF amending Regulations Nos. 13 and 13-H.

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.6, Informal document WP.29-159-15

69. The World Forum noted the consolidated document containing the status of the Agreement (ECE/TRANS/WP.29/1073/Rev.6) as well as the status of the priorities of the 1998 Agreement and items on which the exchange of views should continue (WP.29-159-15). The secretariat encouraged the Contracting Parties to send, in due time, their status reports and final reports informing on the progress on transposition of the UN GTRs into the domestic law. The World Forum noted that the monitoring of the 1998 Agreement would be considered under agenda item 20 (see paras. 115 to 118 below).

70. The World Forum agreed that agenda items 5.2 to 5.5 should be considered by the Executive Committee 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)

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

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.4

72. The World Forum noted the revised document on the status of the Agreement (ECE/TRANS/WP.29/1074/Rev.4), including the last version of the national periodical inspection certificate used in the Russian Federation as an alternative to the International Technical Inspection Certificate (see Appendix 2, para. 2 of the 1997 Agreement). WP.29 noted that the notifications regarding the Administrative Authorities and Technical Services were not sent by all the Contracting Parties to the Agreement. Concerned CPs were invited to send the above-mentioned notifications to the secretariat at their earliest convenience.

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

Documentation: ECE/TRANS/WP.29/2013/32, Informal documents WP.29-159-10 and WP.29-159-13

73. The representative of the Russian Federation introduced WP.29-159-10 proposing a revised road map, developed in cooperation with the representative of CITA, as a way forward to update the UN Rules annexed to the 1997 Agreement. The World Forum adopted WP.29-159-10 as reproduced in Annex II to the report. The representative of the Russian Federation presented WP.29-159-13 proposing amendments to Rule No. 1 (Environment protection) to harmonize the provisions with those of the latest UN Regulations annexed to the 1958 Agreement and the EU Directives. WP.29 agreed to refer WP.29-159-13, with an official symbol, to its subsidiary Working Parties for detailed consideration at their next sessions.

74. Referring to ECE/TRANS/WP.29/2013/32, WP.29 noted that the GRs were in the process of revising the proposal for amendments to UN Rule No. 2.

X. Other Business (agenda item 8)**A. Recall systems applied by various Contracting Parties to the Agreements (agenda item 8.1)**

75. No new information on the subject was given during the session.

B. Evaluation concept for Environmentally Friendly Vehicles (EFV) (agenda item 8.2)

Documentation: ECE/TRANS/WP.29/2013/33

76. The World Forum considered and adopted the final report (ECE/TRANS/WP.29/2013/33) of ten years of activities in evaluating the concept of Environmentally Friendly Vehicles (EFV). WP.29 noted that the work completed during the decade was very positive, being the basis for the current development of UN Regulations and GTRs. It was agreed to freeze the activities of the EFV informal working group and the EFV Task Force, which could be re-activated in future, if needed.

C. Consistency between the provisions of the 1968 Vienna Convention and the provisions of the vehicle Regulations adopted in the framework of the 1958 and 1998 Agreements (agenda item 8.3)

Documentation: ECE/TRANS/WP.1/2012/8, ECE/TRANS/WP.1/2011/4/Rev.1

77. In the absence of the Secretary to WP.1, the secretariat informed the World Forum that documents ECE/TRANS/WP.1/2012/8 and ECE/TRANS/WP.1/2011/4/Rev.1, dealing with the inconsistencies on lighting and light-signalling provisions as well as on the issue of ADAS in relation with the provision of the 1968 Vienna Convention on the driver's control of the vehicle, were under consideration by WP.1. The GRE Chair expressed the concerns of GRE on the amendments by WP.1, which are still under consideration, on the proposal transmitted by WP.29 in March 2011 (ECE/TRANS/WP.29/2011/47). WP.29 agreed with his suggestion requesting WP.1 to revert to the original proposal of WP.29 and to follow ITCs advice (see para. 4 above) to accelerate deliberations on the issue of the control of the

vehicle by the driver and to increase the cooperation between WP.1 and WP.29. The GRE Chair concluded that the elimination of the inconsistencies could avoid possible technical barriers to trade.

78. The Vice-Chair recommended that WP.29 representatives should coordinate with their national representatives in WP.1 to accelerate progress on this issue.

D. Exchange of information on enforcement of issues regarding defects and non-compliance (agenda item 8.4)

79. The Chair of the Enforcement Working Group reported on the session held on 15 November 2012, particularly on the presentations made on counterfeit parts in the automotive sector. He reminded the World Forum that the next informal meeting was scheduled to be held during the next session of WP.29 (27 June 2013 at 3.30 p.m.) and that no meeting was scheduled in November 2013.

E. Self-evaluation of the activities of the World Forum for the period 2012-2013 (agenda item 8.5)

80. Recalling the information provided by the secretariat at the previous session (ECE/TRANS/WP.29/1099, para. 85), the World Forum noted the decision by the Director of the Transport Division to extend the scope of the self-evaluation to the secretariat servicing of WP.29 by focusing on the assessment of the main administrative procedures. WP.29 requested the secretariat to submit for consideration, at its forthcoming session in June 2013, the Terms of Reference for the self-evaluation and a draft assessment document.

F. Organization by the Republic of Korea of the twenty-third Enhanced Safety Vehicles (ESV) Conference (agenda item 8.6)

Documentation: Informal document WP.29-159-17-Rev.1

81. The representative of the Republic of Korea informed the World Forum about the forthcoming Enhanced Safety of Vehicles (ESV) Conference to be held in Seoul from 27 to 30 May 2013 (WP.29-159-17-Rev.1), and invited all WP.29 representatives to participate.

G. e-Call administrative provisions in the Customs Union of Belarus, Kazakhstan and the Russian Federation (agenda item 8.7)

Documentation: Informal document WP.29-159-22

82. Mr.A. Zazgigalkin, Deputy Head of the Federal Agency for Standardization and Metrology, and Head of the Administrative Type Approval Authority (22/A) of the Russian Federation, gave a presentation (WP.29-159-22) on the implementation of global satellite navigation systems (GLONASS), including in-vehicle emergency call systems. He announced his intention to propose, at the next session in June 2013, either a new UN Regulation or amendments to UN Regulations Nos. 12, 94 and 95 introducing harmonized crashworthiness requirements to foster a reliable global implementation of the e-call system. The representative of the European Commission recognized the potential safety benefits of e-call systems. He announced intentions to report, at the next session, on the progress of the discussion on e-call in the European Union and offered his support and cooperation to develop a new UN Regulation on this subject.

XI. Adoption of the report (agenda item 9)

83. The World Forum adopted the report and its annexes on the basis of a draft prepared by the secretariat.

B. Administrative Committee of the 1958 Agreement

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

84. Of the 51 Contracting Parties to the Agreement, 36 were represented and established AC.1 for its fifty-third session held on 13 March 2013.

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

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

86. The result of the voting on the documents submitted is reflected in the following table:

Amendments to existing UN Regulations							
Regulation No.	Subject of the Regulation	Contracting Parties		Document; ECE/TRANS/WP.29/....	Voting result: for/against/abstentions	Document status	Remark
		applying the Regulation represented and voting	represented and voting				
3	Retro-reflecting devices	45	35	2013/13	35/0/0	Suppl.14 to 02	*
6	Direction indicators	45	35	2013/14	35/0/0	Suppl.24 to 01	*
7	Position, stop and end-outline lamps	45	34	2013/15	34/0/0	Suppl.22 to 02	*
9	Noise of three-wheeled vehicles	24	12	2013/2	12/0/0	07	
19	Front fog lamps	43	34	2013/16	34/0/0	Suppl.5 to 04	*
37	Filament lamps	44	34	2013/17	34/0/0	Suppl.41 to 03	*
43	Safety glazing	42	33	2013/8, as amended by para. 58	33/0/0	Suppl.2 to 01	*
45	Headlamp cleaner	38	32	2013/19	32/0/0	Suppl.8 to 01	*
46	Devices for indirect vision	40	32	2013/9	32/0/0	Suppl.2 to 03	*

Amendments to existing UN Regulations							
Regulation No.	Subject of the Regulation	Contracting Parties		Document; ECE/TRANS/WP.29/...	Voting result: for/against/abstentions	Document status	Remark
		applying the Regulation	represented and voting				
48	Installation of lighting and light-signalling devices	41	33	2013/20	33/0/0	Suppl.11 to 04	*
48	Installation of lighting and light-signalling devices	41	33	2013/21	33/0/0	Suppl.4 to 05	*
48	Installation of lighting and light-signalling devices	41	33	2013/22	33/0/0	Suppl.2 to 06	*
51	Noise of M and N categories of vehicles	41	33	2013/3	33/0/0	Suppl.9 to 02	*
60	Driver operated controls for mopeds and motorcycles	35	30	2013/10, as amended by para. 59	30/0/0	Suppl.4	*
63	Noise emissions of mopeds	25	13	2013/4	13/0/0	02	
67	LPG vehicles	38	30	2013/11	30/0/0	Suppl.12 to 01	*
77	Parking lamps	40	34	2013/39	34/0/0	Suppl.16	*
87	Daytime running lamps	38	33	2013/23, as amended by para. 61	33/0/0	Suppl.17	*
91	Side marker lamps	40	34	2013/40	34/0/0	Suppl.15	*
106	Pneumatic tyres for agricultural vehicles	44	33	2013/6	33/0/0	Suppl.10	*
117	Tyres-rolling resistance, rolling noise and wet grip	46	34	2013/7	34/0/0	Suppl.3 to 02	*
118	Burning behaviour	46	34	2013/12	34/0/0	Suppl.1 to 02	*
119	Cornering lamps	47	36	2013/24	36/0/0	Suppl.3 to 01	*
128	LED	50	37	2013/25	37/0/0	Suppl.1	*
[xxxx]	Enhanced Child restraint systems	50	37	2013/37	37/0/0	Suppl.1	*

* The EU representative voting for the 27 EU member States.

Corrigenda to existing UN Regulations							
Regulation No.	Subject of the Regulation	Contracting Parties		Document; ECE/TRANS/WP.29/...	Voting result: for/against/abstentions	Document status	Remark
		applying the Regulation	represented and voting				
13	Heavy vehicle braking	44	36	2013/26	36/0/0	Corr.1 to Rev.7	*
48	Installation of lighting and light-signalling devices	41	33	2013/28	33/0/0	Corr.1 to Suppl.10 to 04, Corr.1 to Suppl.3 to 05 and Corr.1 to 06	*
53	Installation of lighting and light-signalling devices for L ₃ vehicles	41	32	2013/29, as amended by para. 65	32/0/0	Corr.1 to Suppl.14 to 01	*
69	Rear-marking plates for slow moving vehicles	41	33	2013/30, as amended by para. 66	33/0/0	Corr.1 to Suppl.5 to 01	*
109	Retreaded pneumatic tyres for commercial vehicles	45	34	2013/27	34/0/0	Corr.1 to Rev.1	*
[xxxx]	Enhanced child restraint systems	50	37	2013/31	37/0/0	Corr.1 to 00	*

* The EU representative voting for the 27 EU member States.

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

XIV. Establishment of the Committee AC.3 and election of officers for 2013 (agenda item 12)

87. The thirty-seventh session of the Executive Committee (AC.3) was held on 13 and 14 March 2013. The representatives of 11 of the 33 Contracting Parties to the Agreement attended or were represented.

88. At the proposal of the EU representative, Mr. K. Simon (United States of America) was unanimously elected Chair for 2013.

XV. Consideration and vote by AC.3 of draft global technical regulations and/or draft amendments to established global technical regulations (agenda item 13)

Proposal for Amendment 1 to gtr No. 12 (Controls, tell-tales and indicators for two-wheeled vehicles) (agenda item 13.1)

Documentation: ECE/TRANS/WP.29/2013/34, ECE/TRANS/WP.29/2013/35 and ECE/TRANS/WP.29/AC.3/35, Informal document WP.29-159-16

89. AC.3 noted WP.29-159-16 supplementing the draft Amendment 1 to UN GTR No. 12 (ECE/TRANS/WP.29/2013/34) and recommended to further consider, at its June 2013 session, the proposed amendments listed in WP.29-159-16 on the basis of an official document, subject to a detailed review by GRSG at its session in April 2013. AC.3 agreed to defer the vote on draft Amendment 1 to UN GTR No. 12 to its June 2013 session.

XVI. Consideration of technical regulations to be listed in the Compendium of Candidate global technical regulations, if any (agenda item 14)

90. AC.3 noted that no request was submitted for consideration.

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 15)

Guidance requested by GRPE on the draft gtr on Worldwide harmonized Light vehicle Test Procedures (WLTP) (agenda item 13.1)

91. AC.3 noted that guidance was not requested at this session. The Chair of GRPE clarified that guidance may be needed in the June 2013 session of AC.3 to address eventual, open issues that remain unresolved in developing the GTR on WLTP.

XVIII. Progress on the development of new global technical regulations and of amendments to established global technical regulations (gtrs) (agenda item 16)

A. Gtr No. 2 (Motorcycles emissions) (agenda item 16.1)

92. The Chair of GRPE informed AC.3 that a proposal for Amendment 3 to UN GTR No. 2, correcting the units used in some equations and modifying a figure on the gear use during acceleration phases, was expected to be considered at the June 2013 session of AC.3.

B. Gtr No. 4 (Worldwide Heavy-Duty Certification procedure (WHDC)) (agenda item 16.2)

93. The Chair of GRPE (Germany) and the representative of the EU informed AC.3 that an updated time schedule for the submission of the deliverables by the informal working group on Heavy Duty Hybrids (HDH), in charge of modifications to UN GTR No. 4, would be considered at the next GRPE session (June 2013). AC.3 noted that the first meeting of the editorial group was scheduled on 19 March 2013 and that the submission of the draft amendment to the UN GTR was expected for the GRPE session of June 2014.

C. Gtr No. 7 (Head restraints) (agenda item 16.3)

94. The representative of the United Kingdom, chairing the informal working group on UN GTR No. 7 Phase 2, gave an oral report on the work progress. He informed AC.3 that the group had made good progress on developing a proposal to redefine the height of the head restraints in terms of its "effective" rather than "absolute" height and was ready to deliver a new procedure for its measurement at the May 2013 session of GRSP. Regarding the dynamic test to assess the risk of whiplash injury, he confirmed that the group was working on an agreement to select only the Biofidelic Rear Impact Dummy (BioRID II) within the UN GTR rather than to propose it as an alternative to the current reference to the Hybrid III dummy. He added that the development of injury criteria was of critical importance for the use of BioRID, but unfortunately, research in this area had not progressed as expected. Accordingly, he doubted that the informal working group would be in a position to recommend the draft UN GTR to AC.3 for consideration and possible adoption at its June 2014 session as announced at the previous session. He announced that a full report would be provided at the session in June 2013.

D. Gtr No. 9 (Pedestrian Safety) (agenda item 16.4)

Documentation: ECE/TRANS/WP.29/2013/36, Informal document WP.29-159-20

95. The representative of Germany, co-Chair of the informal working group on Phase 2 of UN GTR No. 9, recalled that the third progress report (ECE/TRANS/WP.29/2013/36) had been adopted, as amended by WP.29-159-20, at the December 2012 session of GRSP. AC.3 adopted ECE/TRANS/WP.29/2013/36, as amended by Annex III to this report.

E. Draft gtr on Hydrogen and Fuel Cell Vehicles (HFCV) (agenda item 16.5)

Documentation: Informal document WP.29-159-06

96. The representative of United States of America, Chair of GRSP, informed AC.3 that the HFCV subgroup on safety (SGS) had concluded its work and that GRSP had recommended the UN GTR for vote at the June 2013 session of AC.3 (WP.29-159-06). She underlined that parts of this draft UN GTR would be the basis for developing the UN GTRs on electric vehicle safety (EVS) and pole side impact. She clarified that the schedule and terms of references of Phase 2 of the GTR would follow the development of the UN GTR on EVS, whose experts were the same in both groups. She announced that more information would be provided at the June 2013 session of AC.3, following the outcome of the informal group meeting in April 2013.

97. The representative of Japan welcomed the progress made by GRSP on this subject and stated that many stakeholders were expecting the completion of this UN GTR at the earliest to foster the imminent deployment of hydrogen vehicles. The representative of EU announced that information on the effective transposition of the UN GTR in the EU would be provided. AC.3 acknowledged the work done by Mr. Albus (Germany) and endorsed his intention to step down as project manager of the activities of the HFCV. Finally, representatives were invited to be ready for the vote at the June 2013 session and, in the case they were unable to attend the session, to ensure their countries' representation by their Permanent Missions. AC.3 requested the secretariat to distribute the draft UN GTR with an official symbol, the technical report adopted by GRSP and the authorization to develop the UN GTR.

F. Draft gtr on Tyres (agenda item 16.6)

98. The Chair of the informal group on Tyre GTR reported that GRRF had recommended the draft GTR containing six pending questions. He announced that the draft gtr will be distributed for consideration at the June 2013 session with the pending questions in square brackets, which are still under consideration by a group of interested experts. He said that, if these issues were unresolved by June 2013, AC.3 would be requested to provide guidance to GRRF at that session. In such a case, GRRF should confirm the definitive text at the September 2013 session, in order to enable AC.3 to vote on the text of the UN GTR at the November 2013 session.

99. The representative of the United States of America stated that in addition to the six issues noted by the Chair of the informal working group there also were some minor technical issues under consideration by his country. In addition, he noted that some validation work would be conducted by his country in the summer of 2013. He agreed to communicate with interested CPs via e-mail on progress in these issues to facilitate the adoption of the UN GTR at the November 2013 session of AC.3.

100. The representative of EU recognized the existence of remaining minor issues that could complicate the adoption of the UN GTR in November 2013 and offered full collaboration in solving them. He outlined that the adoption of this UN GTR is one of the highest priorities for the EU.

G. Draft gtr on Worldwide harmonized Light Vehicle Test Procedures (WLTP) (agenda item 16.7)

101. The Chair of GRPE informed AC.3 about the group's activities on Worldwide harmonized Light vehicles Test Procedures (WLTP). He reported that there were several difficult issues to be resolved. If these remain unresolved at the informal working group level or at the GRPE level, guidance would be requested from AC.3 at its June 2013 session. He added that the recommendation for establishing a draft UN GTR was considered feasible for the special GRPE session of November 2013. He expected that AC.3 could consider the draft UN GTR at its March 2014 session.

H. Draft gtr on Pole Side Impact (PSI) (agenda item 16.8)

102. The representative of the United States of America, on behalf of the Chair of the informal working group on PSI, informed AC.3 about the work progress of the eighth meeting of the informal working group (Paris, 20-21 November 2012) held in conjunction with a meeting of the group on the harmonization of side impact dummies. She added that,

as an outcome of this meeting, the third progress report of the informal working group and a draft UN GTR were submitted (GRSP-52-07) to the December 2012 session of GRSP. Moreover, she clarified that the informal working group met virtually through WebEx on 7 February 2013 to consider comments and some additions to the text. Finally, she stated that the draft UN GTR (ECE/TRANS/WP.29/GRSP/2013/7) would be considered at the May 2013 session of GRSP. She added that the draft UN GTR could be recommended to AC.3 for consideration and vote at its November 2013 session. She concluded that comments and questions, if any, should be addressed to the Chair of the informal working group on PSI.

I. Draft gtr on Electric Vehicles (agenda item 16.9)

103. The representative of the United States of America, on behalf of the Chair of the informal working group on electric vehicle safety, informed AC.3 about the outcome of the last meeting of the group held in Bonn. She outlined that the discussion mainly focused on examining existing technical requirements used by Contracting Parties and on the group's roadmap of work activities. She announced that the next informal meeting was scheduled to be held on 16-18 April 2013 in Tokyo.

J. Draft gtr on Quiet Road Transport Vehicles (agenda item 16.10)

104. The representative of the United States of America, on behalf of the Chair of the informal working group on Quiet Road Transport Vehicles (QRTV), reported on the progress made by the group. He informed AC.3 that the last informal meeting took place in Berlin in December 2012. He added that the group had started examining amongst others: (i) a proposal tabled by Japan, (ii) the United States notice of proposed rulemaking (NPRM) on this subject, and (iii) the recommendation and approach undertaken by the EC. He announced that the next informal meeting was scheduled to be held in Brussels on 16-18 April 2013 and that the group intended to prepare the outline of the UN GTR as well as to examine possible interactions with the provisions of UN Regulations Nos. 41 and 51. The representative of EU emphasized that the QRTV was the most appropriate group to develop global legislation on this matter. AC.3 noted the complexity of this subject and the group's tight time schedule. AC.3 endorsed the recommendation by GRB to maintain consistency between the provisions of the future advanced vehicle alert systems with those of existing noise regulations.

XIX. Items on which the exchange of views and data should continue or begin (agenda item 17)

A. Vehicle crash compatibility (agenda item 17.1)

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

B. Intelligent Transport Systems (agenda item 17.2)

106. The representative of Japan, co-Chair of the ITS informal working group, recalled the information provided under agenda item 2.3 (see para. 15 above). He indicated that the agenda as well as the working papers for the meeting scheduled on 15 March 2013 were available at: www2.unece.org/wiki/display/trans/ITS+21st+session.

107. He informed AC.3 that the informal working group would consider the comments received from the GRs on the proposal for the design principles for control systems of ADAS (WP.29-157-06). He expected to conclude the final review of the document including the consideration of all comments from the GRs during the June 2013 session of WP.29.

C. Road illumination technologies (agenda item 17.3)

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

D. Harmonization of side impact dummies (agenda item 17.4)

109. The Chair of GRSP reported that the informal working group had met twice since the November 2012 session of WP.29. She confirmed that the technical work for the 50th percentile World SID dummy was ready for incorporation into the draft UN GTR on PSI and that work was in progress for the inclusion of its technical specifications as well as drawings into the Mutual Resolution M.R.1. She informed AC.3 that ISO had expressed its preference to make a reference to the ISO standard allowing its availability free of charge. She informed AC.3 that some technical issues on the 5th percentile female were pending and requested the extension of the informal working group's mandate until December 2015. AC.3 endorsed that request.

110. The representative of the United Kingdom recalled that one of the main purposes of M.R.1 was to ensure consistency in both the development and regulatory assessment of vehicles and systems. He added that this would enhance confidence for the mutual recognition of type approvals that underpins the 1958 Agreement. He suggested caution when considering the use of third party documentation to define a tool within M.R.1.

111. The Chair of the AC.3 stated that for the sake of transparency, all details of the tools shall be included in the M.R.1 instead of a reference. AC.3 agreed to consider this issue at the next session of AC.2 and that the group should think about guiding principles to facilitate the session.

E. Electric vehicles and the environment (EVE) (agenda item 17.5)

112. The representative of Canada, on behalf of the Chair of EVE, reported on the work progress of the informal working group. She informed AC.3 that the main objective of EVE was to develop a regulatory reference guide for electric vehicle technologies taking into account attributes that characterize electric vehicles, batteries, charging infrastructure and market deployment support mechanisms, with specific attention to their interaction with the environment. She invited all interested stakeholders that had not yet contributed to the guide to provide information through the specific questionnaire already circulated by the EVE informal working group.

XX. Proposals to develop new gtrs and/or amendments to established gtrs, not included under agenda item 16, if any (agenda item 18)

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

XXI. Exchange of information on new priorities to be included in the programme of work (agenda item 19)

114. The representative of Canada mentioned the possible need of regulatory actions linked to the development of new technologies. He suggested starting the worldwide harmonization process before completing the national regulations. The representative of Japan supported the suggestion, in principle, and indicated that some of the technologies mentioned were already regulated in the framework of the 1958 Agreement. The representative of the United States of America stated that it was easier to harmonize new provisions than existing regulations. The representative of EU agreed with the previous speakers. However, he proposed to give priority to finalizing the UN GTRs in development rather than initiating new ones. AC.3 requested the secretariat to include a new agenda item 17.6 for the exchange of views on new vehicle technologies.

XXII. 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 20)

Documentation: ECE/TRANS/WP.29/1073/Rev.6, Informal documents WP.29-159-07 and WP.29-159-08

115. Recognizing the value of the status document of the 1998 Agreement (ECE/TRANS/WP.29/1073/Rev.6), the representative of EU stated that more information should be provided. He introduced WP.29-159-08, in which the EU reported on the details of the transposition of UN GTRs Nos. 2 and 8 into EU law. He suggested that the Contracting Parties to the Agreement should provide such kinds of information, which could help other Parties in the process of transposing the UN GTRs. He would provide, for the June 2013 session, a similar report covering the transposition of other UN GTRs. Finally, he indicated that the Annex to WP.29-159-08 contained an example of the reports to be provided to the secretariat in accordance to Article 7 of the 1958 Agreement.

116. The representative of the Russian Federation introduced WP.29-159-07 containing the notification of the status report on the transposition of UN GTRs into the Russian law. He explained AC.3 that the first priority in his country was to transpose the UN GTRs through UN Regulations annexed to the 1958 Agreement and, only in the case of the absence of UN Regulations, UN GTRs would be applied directly. He announced that this system would also be applied by the Customs Union of Belarus, Kazakhstan and the Russian Federation.

117. The Chair reminded the Contracting Parties of their obligation to send to the secretariat, the mandatory reports on the transposition process through their Permanent Missions in Geneva via the "1998 AGREEMENT-MISSIONS List" electronic system. If assistance is needed, they may contact the secretariat (Mr. F. Guichard).

118. The notifications sent by CPs and by the secretariat are available at: www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29glob_notification_gtr, while the status of the 1998 Agreement (ECE/TRANS/WP.29/1073/Rev.6) is available at: www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29glob_stts.html.

XXIII. Other business (agenda item 21)

119. No other business was raised.

D. Administrative Committee of the 1997 Agreement

XXIV. Establishment of the Committee AC.4 and election of officers for the year 2013 (agenda item 22)

120. Following the recommendation made by the Administrative Committee WP.29/AC.2 for the coordination of work, AC.4 did not hold its session (see para. 8 above).

XXV. Other Business (agenda item 23)

121. No other business was raised.

Annex I

List of informal documents (WP.29-159-...) distributed without a symbol during the 159th 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	World Forum for Harmonization of Vehicle Regulations (WP.29): Working Parties, Informal Working Groups and Chairmanship	(a)
2	Secretariat	4.11.2.	E	Clarification to document ECE/TRANS/WP.29/2013/29	(e)
3	Canada	4.1.	E	Unilateral application of certain UN Regulations	(a)
4	Secretariat	4.8.3.	E	Correction to document ECE/TRANS/WP.29/2013/10	(e)
5	Secretariat	4.1.	E	Communication concerning Technical Services of the Slovak Republic	(a)
6	Secretariat	16.5.	E	Revised Draft global technical regulation (gtr) on hydrogen and fuel cell vehicles	(d)
7	Secretariat	20.	E and R	Status report of global technical regulations in the Russian Federation	(c)
8	European Union	20.	E	Transposition of GTRs: notifications and state of play in the EU at the end of 2012 with regard to the Agreement concerning the establishing of Global Technical Regulations (GTR) for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles (1998 Agreement)	(c)
9	Czech Republic	4.1.	E	Designation of Type Approval Authority and Technical Services for new Regulations	(a)
10	Russian Federation	7.2.	E	Proposal for establishment of roadmap for update of UN Rules annexed to the 1997 Vienna Agreement	(e)

<i>No.</i>	<i>Transmitted by</i>	<i>Agenda item</i>	<i>Language</i>	<i>Title</i>	<i>Follow-up</i>
11/Rev.1	Secretariat	1	E	Amendments to the provisional annotated agenda for the 159 th session (ECE/TRANS/WP.29/1100 and ECE/TRANS/WP.29/1100/Add.1)	(e)
12	Secretariat of the ITS informal working group	2.3.	E	Provisional Agenda for the 21 st Session of the Informal Group on "ITS"	(a)
13	Russian Federation	7.2.	E	Proposal for draft amendment to Rule No. 1 on uniform provisions for periodical technical inspections of wheeled vehicles with regard to the protection of the environment	(b)
14	Secretariat	12. and 13.	E	Executive Committee of the 1998 Agreement thirty-seventh session, Consideration and vote by AC.3 of draft global technical regulations and/or draft amendments to established gtrs (March 2013)	(a)
15	Secretariat	5.1. and 16.	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 12 March 2013	(a)
16	IMMA	13.1.	E	IMMA proposal for corrigendum/correction to ECE/TRANS/WP.29/2013/34	(d)
17/Rev.1	Republic of Korea	8.6.	E	23rd International Technical Conference on the Enhanced Safety of Vehicles	(a)
18	Japan	4.3.	E	Japan's Activities toward Establishment of IWVTA	(a)
19	Chair of the IWVTA Informal Group	4.3.	E	Consolidated drafting proposals for the revised 1958 Agreement	(a)

<i>No.</i>	<i>Transmitted by</i>	<i>Agenda item</i>	<i>Language</i>	<i>Title</i>	<i>Follow-up</i>
20	Chair of the informal group GTR9-PH2	16.4.	E	Draft Third progress report of the informal group on Phase 2 of gtr No. 9 (IG GTR9 - PH2)	(d)
21	Informal group DETA	4.5.	E	Interim report of DETA	(a)
22	Russian Federation	8.7.	E	Implementation of Global Satellite Navigation System (GLONASS) for In-Vehicle Emergency Call Systems: Status and Further Development	(a)
23	Belgium	4.1.	F	Type Approval Authorities and Technical Services for Regulations 127 and 128	(a)

Notes:

- (a) Consideration completed or to be superseded.
- (b) Transmitted to the GRs for its consideration and update.
- (c) Continue consideration at the next session as an informal document.
- (d) Continue consideration at the next session with an official symbol.
- (e) Adopted.

Annex II

Roadmap for the update of UN Rules annexed to the 1997 Agreement on Periodical Technical Inspections (see paragraph 73)

A. Introduction

This roadmap for updating the UN Rules annexed to the 1997 Vienna Agreement on Periodical Technical Inspections (PTI) was prepared by the representatives of the Russian Federation and the International Motor Vehicle Inspection Committee (CITA) following the invitation by the World Forum for Harmonization of Vehicle Regulations (WP.29) at its 157th session (ECE/TRANS/WP.29/1097, para. 60).

Steps	Actions	Time schedule				
		2012	2013	2014		
		November	March	November	June	November
01.a	Roadmap proposal	x				
01.b	Draft amendment to Rule No. 2: add M ₁ , N ₁ , N ₂ and O ₂ vehicle categories	x				
02.	Draft amendment to Rule No. 1: update and add M ₁ , N ₁ , N ₂ and O ₂ vehicle categories		x			
03.	Draft periodic technical inspection requirements for electric and hybrid electric vehicles			x		
04.	Draft periodic technical inspections requirements for vehicles fitted with LPG and CNG propulsion systems				x	
05.	Compliance of the 1968 Convention on Road Traffic and Consolidated Resolution on Road Traffic (R.E.1) with the 1997 Agreement regarding requirements for vehicles in service.					x

B. Timeline

This time schedule is based on the activities required to deliver the current objectives of amending the 1997 Vienna Agreement and other international agreements. The plan will be regularly reviewed and updated by WP.29 to reflect the latest situation on the progress achieved and the feasibility of the timeline for actions.

Annex III

Amendments to document ECE/TRANS/WP.29/2013/36 adopted by AC.3 (see paragraph 95)

1. Paragraph 12, first line, delete "19" and replace with the text "18".
2. Paragraph 13, first line, delete the text "will be held on 5 and 6 December 2012" and replace with the text "was held on 6 and 7 December 2012"
3. Paragraph 16, third line, delete the text "for the injury levels taken" and replace with the text "made for pedestrian lower limb injuries on the national level by using regional United States traffic accident data".
4. Paragraph 19, first line delete the text "knee injuries was closed" and replace with the text "knee injuries was addressed by Japan in presenting information which showed for the Flex-PLI a slightly lower correlation ratio with the human model regarding medial collateral ligament (MCL) elongation, however it has a very good correlation ratio for the anterior cruciate ligament (ACL) elongation as well as tibia bending moment. The topic was closed".
5. Paragraph 24, second line, delete the text "a repository for dummies" and replace with "Mutual Resolution No. 1 in future as a repository for dummies".
6. Paragraph 24, fifth line, delete the word "introduce" and replace with "set up".
7. Paragraph 25, first line, delete the text "would provide drawings and technical specifications for" and replace with "confirmed that they are going to provide drawings of".
8. Paragraph 25, last line, replace "technical specifications" by "drawings".
9. Paragraph 27, add after the last sentence the text "Japan explained that results from former flexible legform impactors conditions should not be used for the evaluation but the results with the updated flexible legform impactor."
10. Paragraph 30, third line, delete the text "to improve the procedure for the lower legform test was shown, as the size of the area of the bumper tested is often quite limited due to some design on the front of vehicles" and replace with "was shown to improve the procedure for the lower legform test, as the size of the area of the bumper tested is quite limited due to some design features on the front of some vehicles".
11. Paragraph 31, second line, delete the text "adopted" and replace with "discussed (not finalized)".
12. Paragraph 32, second line, delete the text "Amongst several topics,".
13. Paragraphs 33, first line, delete the text "It was announced at the fourth meeting that".

Annex IV

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 14 March 2013

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 gtr (ECE/TRANS/WP.29/..)</i>	<i>State of play/Comments</i>
UN GTR on Tyres	Yes/ UK	France	AC.3/15	2010/80	AC.3 is expected to adopt the UN GTR at the November 2013 session
UN GTR No. 3 on motorcycle brake systems	No	[Italy]	---		IMMA submitted a proposal for amending the test method. GRRF is expected to work on a revised proposal sponsored by [Italy] at its next session if available.

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 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 is expected to consider a draft UN GTR at its December 2013 session.
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) GRSP-52-32 (New ToR) GRSP-52-33 (draft UN GTR)	WP.29 adopted the new ToR including the extension of the mandate pending adoption of the GRSP report. AC.3 adopted the third progress report as amended by Annex III of the report of WP.29 March 2013 session.

* The information regarding the Contracting Parties (33), the Global Registry and the Compendium of Candidates are provided in document ECE/TRANS/WP.29/1073/Rev.6.

<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 gtr (ECE/TRANS/WP.29/...)</i>	<i>State of play/Comments</i>
Amendment to UN GTR No. 9	No. 2	NL	AC.3/31	GRPS/2012/14	GRSP is expected to adopt the proposal at its May 2013 session.
HFCV-SGS	Yes/ USA/ Japan	Germany Japan/ USA	AC.3/17	WP.29-159-06 (draft UN GTR)	GRSP agreed to recommend the draft UN GTR not amended and the final progress report to AC.3 for consideration and vote at its June 2013 session.
Pole side impact test UN GTR	Yes/ Australia	Australia	AC.3/28	2012/59 (Revised terms of reference and 2 nd progress report) GRSP/2013/7 (Draft UN GTR)	GRSP agreed to consider a proposal of UN GTR at its May 2013 session
UN GTR on EV	Yes/ USA/ EU/ Japan/ China	EU/ Japan/ USA/ China	AC.3/32	2012/121 (ToR) 2012/122 (1 st progress report)	

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 gtr (ECE/TRANS/WP.29/...)</i>	<i>State of play/Comments</i>
Amend. 3 to UN GTR No. 2	No	Japan	Request for a mandate (WP.29-158-11)		AC.3 gave its consent at the November 2012 session, to amend UN GTR No. 2. GRPE agreed, at its January 2013 session, to submit to AC.3, in June 2013, an amendment aimed to correct some equations and a figure.
Amend. 3 to UN GTR No. 4 (WHDC)	Yes/ EC	EU/ Japan	AC.3/29		The submission of a draft is planned for the GRPE session of June 2014 and the WP.29/AC.3 session of November 2014.

<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 gtr (ECE/TRANS/WP.29/..)</i>	<i>State of play/Comments</i>
Worldwide harmonized Light vehicles Test Procedure (WLTP)	--	EU & Japan	AC.3/26 & Add.1		AC.3 noted that, notwithstanding significant challenges, the recommendation of a draft UN GTR in the special GRPE session of November 2013 was considered feasible by GRPE. If it is the case, WP.29/AC.3 could consider the draft at its March 2014 session
Subgroup on Development of the Harmonized driving Cycle (DHC)	Japan	EU & Japan	AC.3/26 & Add.1		---
Subgroup on Development of the Test Procedure (DTP)	Switzerland	EU & Japan	AC.3/26 & Add.1		---

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 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 agreed that the development of the UN Global Technical Regulation on QRTV should be environmentally friendly and coherent with vehicle noise levels worldwide including ASEP provisions.

GRSG

<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 gtr (ECE/TRANS/WP.29/..)</i>	<i>State of play/Comments</i>
GTR No. 12 (Motorcycle controls, tell-tales and indicators)	No	<i>Italy</i>	2013/34 (2013/35)	AC.3/35	AC.3 is expected to consider and establish a proposal for Amendment 1 to GTR No. 12 at its June 2013 session (including the final report).

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 (second progress report)	AC.3 agreed to fix the deadline mandate of the informal working group at December 2015.
GRE	Road illumination technologies	<i>No</i>	No	---	No new information was provided.
WP.29	ITS	<i>No</i>	---	---	No new information was provided