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Report of the Working Party on Pollution and Energy on its sixty-third session (17-20 January 2012)

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I. Attendance

1. The Working Party on Pollution and Energy (GRPE) held its sixty-third session from 17 to 20 January 2012, with Mr. Christoph Albus (Germany) as Chair. Experts from the following countries participated in the work following Rule 1(a) of the Rules of Procedure of the World Forum for Harmonization of Vehicle Regulations (WP.29) (TRANS/WP.29/690, as amended): Austria; Belgium; Canada; China, Czech Republic; France; Germany; Hungary; India; Italy; Japan; the Netherlands; Poland; the Republic of Korea (Korea); the Russian Federation; South Africa; Spain; Sweden; Switzerland; the United Kingdom of Great Britain and Northern Ireland (UK); the United States of America (USA). Experts from the European Commission (EC) also participated. Experts from the following non-governmental organizations took part in the session: the Association for Emissions Control by Catalyst (AECC); the Association of European Manufacturers of Internal Combustion Engines (EUROMOT); the European Association of Automobile Suppliers (CLEPA); the European Federation for Transport and Environment (T&E); the European Liquefied Petroleum Gas Association (AEGPL); the International Association for Natural Gas Vehicles (IANGV/NGV Global); the International Motorcycle Manufacturers Association (IMMA), the International Organization of Motor Vehicle Manufacturers (OICA); the Natural Gas Vehicles Association Europe (NGVA Europe) and the Truck and Engine Manufacturers Association (EMA). Upon the special invitation of the Chair, the experts from: the International Council on Clean Transportation (ICCT) and the Technical Committee of Petroleum Additive Manufacturers in Europe (CEFIC-ATC) also attended.

II. Adoption of the agenda (agenda item 1)

Documentation: ECE/TRANS/WP.29/GRPE/2012/1,
Informal documents GRPE-63-01-Rev.2 and GRPE-63-09

2. GRPE noted GRPE-63-01-Rev.2 on organizing GRPE informal group meetings. GRPE adopted the agenda ECE/TRANS/WP.29/GRPE/2012/1 and added the following new items (as specified in GRPE-63-09):

- (a) Informal Working Group on Electric Vehicle and Environment (EVE);
- (b) Proposal to develop a new Regulation on recyclability of M₁ and N₁ vehicles;
- (c) Clarification on referencing of UN Regulations and standards in documents;
- (d) Upcoming proposals on Regulation No. 115;
- (e) Approach of the involvement of GRPE in the development of the International Whole Vehicle Type Approval (IWVTA) system;
- (f) Date of the sixty-fifth session of GRPE in January 2013;
- (g) Presentation of the transport-related UNECE Energy Division activities related to the year of "Sustainable Energy for All" (2012);
- (h) Secretariat update on the UNDA project;
- (i) Tributes.

3. The informal documents distributed during the session are listed in Annex I to this report.

4. GRPE delegates were informed that the next session of GRPE will take place from 5 to 8 June 2012 and that the deadline for the submission of official working documents is 9 March 2012.

III. Report on the last sessions of the World Forum for Harmonization of Vehicle Regulations (agenda item 2)

Documentation: ECE/TRANS/WP.29/1091, ECE/TRANS/WP.29/1093

5. The secretariat gave a report on the last two sessions (held in June and in November 2011) of the World Forum for Harmonization of Vehicle Regulations (WP.29).

6. The secretariat gave an update on the situation concerning the delays in revising the regulations and preparing amendments by the secretariat. It noted, in particular, that the WP.29 secretariat lost a General staff post in a period where revision of UN Regulations had a six-months delay. It also noted that, to recover the delay, the Transport Division had engaged a temporary staff member and that other staff members of the Division also partially contributed. The secretariat also explained that, following this measure, the delay is now being recovered.

7. The secretariat informed GRPE that, since the documents in the three authentic languages were not always available on time for the sessions of the World Forum, the entry into force of new UN Regulations, UN Global Technical Regulations (UN GTRs), UN Rules and their amendments could also have significant delays, with possible negative impacts for EU legislation referring to the UN Regulations and the transposition of UN Regulations and UN GTRs into the national law of the Contracting Parties to the Agreement. The secretariat mentioned that the request to translate into the Russian language the working documents of the Working Parties subsidiary to the World Forum could have been a solution; nevertheless, it would have required reinforcing the secretariat with two new General Service's positions and, therefore, it was not viable. The secretariat will address the issue by requesting the Russian translation of the working documents submitted to its subsidiary Working Parties (GRs), so that the translation of the English text in the three authentic languages would begin (and become available) at an earlier stage. Furthermore, it also reported that WP.29 recommended to include, in the parts of the WP.29 reports referring to the sessions of AC.1, AC.3 and AC.4, a paragraph requesting the Office of Legal Affairs (OLA) of the Secretariat to proceed with notifications of the adopted proposals for new regulations and/or their amendments in English only.

8. The Secretariat informed GRPE about the following issues, expected to have direct influence on the activities of the Working Party:

(a) rules of the United Nations OLA on Corrigenda (ECE/TRANS/WP.29/1093, paragraph 19), specifying that Corrigenda should aim exclusively at correcting, without modifying the meaning or substance of the text of the treaty: (a) physical errors on typing, printing, spelling...., (b) lack of conformity of the treaty with the official records, and/or (c) lack of concordance between the texts of the different authentic languages;

(b) indications from the OLA that the terms "UN Regulations", "UN Global Technical Regulations" and "UN Rules" could not be used in legal documents (taking into account the current text of the 1958, 1998 and 1997 Agreements), even if they could be used in administrative and informative documents (ECE/TRANS/WP.29/1093, paragraph 20);

(c) adoption of the EC proposal on guidelines covering the scope, administrative provisions and alternative requirements in Regulations annexed to the 1958 Agreement,

including amendments by Japan and OICA. These guidelines are to be issued as a basic document for the drafting of UN Regulations (ECE/TRANS/WP.29/1093, paragraph 51).

9. GRPE noted that WP.29 had endorsed the GRPE request to extend the mandate of the informal groups on Mobile Air Conditioning Test Procedure (MACTP) and on Gaseous Fuelled Vehicles (GFV) for an additional three year period until the sixty-eighth GRPE session (June 2014).

IV. Light vehicles (agenda item 3)

A. Worldwide harmonized Light vehicles Test Procedures

Documentation: Informal documents GRPE-63-25, GRPE-63-27, GRPE-63-28 and GRPE-63-32

10. On the Worldwide harmonized Light vehicles Test Procedures (WLTP), the Chair of the informal subgroup on the Development of the Harmonized driving Cycle (DHC) introduced GRPE-63-25 on their progress since June 2011. He summarized the outcomes of the first validation phase, including the decisions to revise the test cycle according to the concerns raised by the EC on the cycle dynamics and, following the observations from India, to develop a test cycle for low powered vehicles. He noted that a second step of the first validation phase (validation 1b), expected to lead to a clarification on the gear shifting points, had started in some laboratories and should be completed by March 2012. Referring to the concerns expressed by the expert from India on the last WLTP proposal, he mentioned that he expects a solution as an outcome of validation phase 1b.

11. The expert from the EC preferred to leave a possibility to test issues related to the gear shift points also in the second validation phase, since a final solution may not emerge from the validation phase 1b.

12. The Chair of the informal subgroup on the Development of the Test Procedure (DTP) reported on the work status of the subgroup (GRPE-63-32). He stated that the beginning of validation phase 2 has been postponed until the conclusion of validation 1b. He mentioned that it is crucial for the DTP work to have a confirmation test and validation 2 completed by the end of 2012. He mentioned that a new drafting coordinator for the drafting of the UN GTR has been selected. He informed GRPE that a first approach on the UN GTR structure has been presented and invited interested experts to present comments. He reported on issues related to the subgroups of DTP (Laboratory Processes on Electric Vehicles and those powered by internal combustion engines, Particulate Matter and Particulate Number, Additional Pollutants and Reference Fuels).

13. Following a question from the expert from Germany, the Chair of the DTP subgroup noted that testing of additional pollutants (other than CO, HC, NO_x, and PM) like NO₂, aldehydes and others should be encouraged in laboratories that are willing to undertake it. The expert from the EC underlined the importance of this, underlying the need to develop specific procedures if not addressed by this work.

14. The secretary of WLTP introduced GRPE-63-27 and GRPE-63-28, providing information on the WLTP road map. He noted that the delays accumulated had resulted in significantly shorter (six months) validation phases, since the main deadlines of the process were not expected to change. He informed GRPE that solutions to eventual problems due to the delays are expected to be identified by the WLTP steering group.

15. The expert from France underlined the importance, for successful work on WLTP, to deliver on time robust results, especially with respect to reliability, accuracy and

flexibility of test results, also underlying that the results could be used to establish labelling schemes and fiscal measures related to the performance of vehicles.

16. The GRPE Chair announced that, if further delays occur, a special GRPE session may be held in autumn 2012 to validate the conclusions resulting from the WLTP activities. The GRPE Chair illustrated possible options for developing the work in the DTP and DHC subgroups after completing validation phase 1. He mentioned, in particular the following possibilities: (a) the combination of DTP and DHC subgroups (the most likely option); (b) the re-activation of the WLTP informal group (a less likely option, requiring to inform WP.29); and (c) the continuation of the work in two separate subgroups. He invited the experts to provide written comments on this subject.

B. Mobile Air-Conditioning Test Procedure

Documentation: Informal document GRPE-63-24

17. The Chair of the informal group on Mobile Air-Conditioning Test Procedures (MACTP) reported on the work progress made in the EU framework (GRPE-63-24). He provided information on the main characteristics of the test procedure that are being developed. He explained the status of the tests being carried out in Korea, ongoing testing activities in Japan, and mentioned China's interest in this work.

18. GRPE noted the consent given by WP.29 to extend MACTP's mandate for another three years and agreed that the group should also meet in conjunction with its next session, in June 2012.

C. UN Regulation No. 101 (CO₂ emissions/fuel consumption)

Documentation: ECE/TRANS/WP.29/GRPE/2012/2,
ECE/TRANS/WP.29/GRPE/2012/3 and
informal document GRPE-63-14

19. The expert from Germany introduced GRPE-63-14, superseding ECE/TRANS/WP.29/GRPE/2012/2 and ECE/TRANS/WP.29/GRPE/2012/3 and amending UN Regulation No. 101 with respect to the determination of the electric range (including the possibility to allow the communication of a lower-than-tested value for consumers), the electrical energy consumption and the CO₂ emissions of hybrid electric vehicles.

20. The expert from Japan pointed out, that with the development of the WLTP GTR, updated testing procedures for hybrid electric vehicles will be introduced.

21. GRPE adopted ECE/TRANS/WP.29/GRPE/2012/2, as amended by GRPE-63-14, and requested the secretariat to submit the proposal to WP.29 and AC.1 for consideration at their June sessions, as a supplement to the 01 series of amendments to the UN Regulation 101.

D. Upcoming proposals on UN Regulations Nos. 83, 101 and 103

Documentation: Informal documents GRPE-63-02, GRPE-63-08 and GRPE-63-16

22. The expert from the UK introduced GRPE-63-02, proposing a corrigendum to UN Regulation No. 83. After having considered comments received during the GRPE session from other experts, he volunteered to submit an updated proposal on UN Regulation No. 83.

23. The expert from OICA submitted a proposal to add transitional provisions to the 01 series of amendments to UN Regulation No. 101 (GRPE-63-08), to align the 06 series of amendments to UN Regulation No. 83 with the 01 series of amendments to UN Regulation No. 101.

24. GRPE agreed and requested the secretariat to distribute GRPE-63-08 as an official document for consideration at the next GRPE session in June 2012.

25. The expert from OICA introduced GRPE-63-16, proposing to align UN Regulation No. 83 with the EU Regulation No. 566/2011. He explained that the initial transposition of the Euro 5 requirements initially into UN Regulation No. 83 could not take these amendments into account because they were still under discussion.

26. The expert from Poland raised a concern on the definition of cold start suggested by the text. The expert from OICA agreed that this issue should be analysed before submitting an official working document.

27. The GRPE Chair invited the experts from OICA to prepare an updated version of the proposal taking into account the comments received and to send it in due time to the secretariat.

V. Heavy duty vehicles (agenda item 4)

A. WorldWide Harmonized heavy duty On-Board Diagnostic systems

28. GRPE noted that no further information was given under this agenda item.

B. Heavy Duty Hybrids

Documentation: Informal documents GRPE-63-18 and GRPE-63-19

29. The secretary of the informal group on Heavy Duty Hybrids (HDH) introduced GRPE-63-18 and GRPE-63-19, describing the work accomplished. He explained that the test procedure for heavy duty hybrids may be based on a wheel power cycle or on the vehicle cycle, and he announced the group's intention to resume considering whether only one of these approaches shall be retained for the future work.

30. It was agreed that the group should meet in conjunction with the next GRPE session, in June 2012.

C. Retrofit Emission Control devices

Documentation: Informal document GRPE-63-29

31. The Chair of the informal group on Retrofit Emissions Control devices (REC) reported on the progress made by the group (GRPE-63-29). He reported on solved and on outstanding issues. He addressed the need to deal with different stringency levels in the UN Regulation under preparation. He mentioned that this could be solved by drafting the original version of the UN Regulation and, in parallel, a first series of amendments. This approach would be in line with article 12 of the 1958 agreement. Referring to outstanding issues, he noted that it would be difficult to fulfil the task in the original timeframe and requested an extension of the mandate for another two years.

32. GRPE noted the work progress of the REC informal group. The Chair announced his intention to seek WP.29 consent for an extension of the mandate for another 2 years. GRPE endorsed the proposal to draft the UN Regulation and, in parallel, a first series of amendments. GRPE also agreed that the group should meet in conjunction with its session in June 2012.

D. UN Regulation No. 49 (Emissions of C.I. and P.I. (NG and LPG) engines)

Documentation: ECE/TRANS/WP.29/GRPE/2012/4 and
Informal documents GRPE-63-04,

33. The expert from the EC gave a presentation (GRPE-63-04) focusing on the main amendments proposed for UN Regulation No. 49 (ECE/TRANS/WP.29/GRPE/2012/4). The proposal aims at aligning the requirements of the UN Regulation with those of EU Regulations EC No. 595/2009 and EU No. 582/2011 (Euro VI pollutant emission levels). He added that the proposal was submitted as the 06 consolidated series of amendments to UN Regulation No. 49, also incorporating the amendments proposed in the 05 series.

34. Even if Japan has not adopted UN Regulation No. 49, the expert from Japan noted that Worldwide harmonized Heavy-Duty Certification procedure (WHDC) was developed for compression ignition engines, expressing concerns on its use for positive ignition engines.

35. The expert from the UK introduced GRPE-63-22, containing a proposal to amend ECE/TRANS/WP.29/GRPE/2012/4 in order to include poly-alpha-olefin as a test aerosol material, and including the correction of an error in one of the figures.

36. The expert from OICA preferred to avoid the references to the CS 68649-12-7 and CS 68037-01-4 standards included in GRPE-63-22.

37. GRPE adopted ECE/TRANS/WP.29/GRPE/2012/4, as amended by GRPE-63-22 after deleting the reference to CS standards (removing the text "CS 68649-12-7 and CS 68037-01-4" from GRPE-63-22) and requested the secretariat to submit it to WP.29 and AC.1 for consideration at their June 2012 sessions, as 06 series of amendments to UN Regulation No. 49.

E. Upcoming proposals on UN Regulation No. 49 and UN Global Technical Regulations Nos. 4 and 5

Documentation: ECE/TRANS/WP.29/GRPE/2011/15,
Informal documents GRPE-63-03, GRPE-63-15 and GRPE-63-17

38. The expert from OICA introduced GRPE-63-15, containing a proposal to correct the wrong references to a few paragraphs in UN GTR No. 4.

39. GRPE requested the secretariat to distribute GRPE-63-15 as an official document for consideration at its June 2012 session.

40. The expert from the UK withdrew GRPE-63-03, since the amendments included in it were already incorporated in GRPE-63-22.

41. The expert from OICA introduced GRPE-63-17 (developed in close cooperation with Japan), clarifying ECE/TRANS/WP.29/GRPE/2011/15 on an amendment to UN GTR No. 5. He explained that GRPE-63-17 improves the disablement conditions of OBD system monitors.

42. GRPE requested the secretariat to distribute GRPE-63-17 for consideration as an official document at the next session of GRPE (June 2012).

VI. Tractors and Non-Road Mobile Machinery (agenda item 5)

Upcoming proposals on UN Global Technical Regulation No. 11 and UN Regulations Nos. 96 and 120

Documentation: Informal document GRPE-63-12

43. The expert from Italy presented GRPE-63-12 to align UN Regulation No. 96 with the European Directive 2011/87/EU.

44. GRPE agreed with the principle of the proposal.

45. The GRPE Chair invited the experts from Italy and the EC to provide an updated proposal to the secretariat to be distributed for consideration as an official document at the June 2012 session of GRPE.

VII. Particle Measurement Programme (agenda item 6)

Documentation: Informal document GRPE-63-26

46. The Chair of the informal group on the Particle Measurement Programme (PMP) informed GRPE about the group's activities (GRPE-63-26). He summarized the issues discussed during the last PMP meeting, giving details on the status of the Volatile Particle Removal (VPR) round robin, the Particle Number Counter (PNC) calibration experience, the European Metrology Research Project (EMRP), measurements of particles under 23 nm, and the status of the Heavy Duty (HD) round robin. He informed about the next steps (including discussions on the results of the round robin testing for VPR and HD, updates from the EMRP calibration work). He invited GRPE experts to give their views on the sub-23 nm particles measurement and he informed GRPE about the ongoing discussion on improving calibration procedures.

47. GRPE acknowledged the progress made by the group. The experts from France, Germany, the Netherlands, Switzerland and OICA supported the group's request to act as a forum for discussion of further studies and to investigate measurement procedures for sub 23nm particles. The expert from France stressed the need to analyse the costs and benefits of this.

48. GRPE agreed that the group should meet in conjunction with its next session, in June 2012.

VIII. Motorcycles and mopeds (agenda item 7)

Upcoming proposals on UN Global Technical Regulation No. 2 and UN Regulations Nos. 40 and 47

Documentation: Informal documents GRPE-63-10 and GRPE-63-11

49. The expert from the EC introduced GRPE-63-10, proposing international environmental and propulsion performance requirements for L-category vehicles. He expressed his intention to proceed according to the following actions: (a) a proposal for an

EU Regulation on the approval and market surveillance of two- or three-wheel vehicles and quadricycles; (b) three EU Regulations on Environmental and Propulsion Performance Requirements (REPPR), vehicle functional safety, and vehicle construction; and (c) an EU Regulation on administrative requirements. He informed GRPE that the adoption of the first EU Regulation is expected by the end of 2012 and the applicability of the whole package by the beginning of 2014.

50. The expectations of the expert from the EC are: (a) to upgrade the current environmental requirements in terms of emission limits of gaseous pollutant emissions (Euro 3 by 2014, Euro 4 by 2017 and Euro 5 by 2020); (b) to include a measurement procedure for CO₂ emissions and fuel consumption; and (c) to use of the World Motorcycle Testing Cycle (WMTC) as single emission laboratory test for all L-category vehicle categories, as of 2020. Referring to the expected REPPR, he underlined the EU goal to make reference to UN Regulations. He presented GRPE-63-11, containing a roadmap to upgrade the environmental and propulsion performance requirements for L-category vehicles through the upgrade of UN Regulations, and he announced that a two-year study to investigate how to accomplish this goal had been initiated.

51. The expert from Japan expressed his interest in the EC activities. The expert from IMMA welcomed the EC proposal. The expert from the EC clarified that the first steps are expected to concern EU legislation, while work on UN GTR No. 2 and UN Regulations Nos. 40 and 47 would follow. The expert from IMMA expressed a preference to move forward with global harmonization first.

52. The GRPE Chair invited the experts from the EC, IMMA and other interested Contracting Parties to develop jointly a detailed roadmap for consideration at the next GRPE session, in June 2012.

IX. Gaseous and Hydrogen Fuelled Vehicles (agenda item 8)

A. Gaseous Fuelled Vehicles

Documentation: Informal documents GRPE-63-05-Rev.1, GRPE-63-06-Rev.1, GRPE-63-20, GRPE-63-21 and GRPE-63-23

53. The Chair of the informal group on GFV reported on the work progress made by the group, also including the Liquefied Natural Gas Task Force (LNG TF) (GRPE-63-20). In particular, he explained that the GFV group discussed revisions to UN Regulations No. 83 and 115 and worked on proposals for amendments (GRPE-63-05-Rev.1 and GRPE-63-06-Rev.1).

54. The Chair of the informal group on Gaseous-Fuelled Vehicles (GFV) presented a proposal for an amendment to UN Regulation No. 83 (GRPE-63-05-Rev.1) redefining the class of bi-fuel vehicles regarding the simultaneous use of gas and petrol in gas mode under certain conditions (primarily when bi-fuel vehicles equipped with gasoline direct injection systems require the injection of a certain amount of gasoline also in gas-powered mode). The expert from Poland preferred to limit the scope of this amendment only to vehicles with direct injection engines. He added that the method based on the gas/energy ratio needs to be corrected for Compressed Natural Gas (CNG) vehicles. The expert from Italy supported this proposal.

55. GRPE agreed to reconsider the proposal in June 2012 on the basis of an official document to be provided to the secretariat by GFV and the expert from Poland.

56. The Chair of the GFV Task Force on Heavy Duty Dual Fuel vehicles (HDDF TF) reported on the status of the task force and the progress made since the last GRPE session (GRPE-63-23). He mentioned the HDDF TF intention to develop amendments to UN Regulation No. 49 (06 series of amendments). In this respect, he presented GRPE-63-21 in detail, proposing a supplement to the 06 series of amendments to UN Regulation No. 49 aimed at enabling the type approval of new Euro VI heavy duty dual-fuel engines and vehicles.

57. GRPE agreed that an updated version of GRPE-63-21 should be distributed as an official document taking into account the result of the discussion at the forthcoming GFV meeting. He invited all experts to send comments on the topic to the Chair of the GFV Task Force on Heavy Duty Dual Fuel vehicles. GRPE also agreed that the group should meet in conjunction with its next session, in June 2012.

B. Hydrogen and Fuel Cell Vehicles - Subgroup Environment

58. The GRPE Chair reminded GRPE that the activities of the informal group on Hydrogen Fuel Cell Vehicles – Subgroup Environment (HFCV-SGE) are concluded. GRPE agreed to remove this item from the agenda of its next session.

X. Environmentally Friendly Vehicles (agenda item 9)

59. The expert from India, Chair of the informal group on Environmentally Friendly Vehicles (EFV), explained that WP.29 had endorsed the EFV task force decision to withdraw the original plan to develop a single evaluation concept for EFV and to freeze the activities of the EFV informal group related to the approach of a single score assessment. He reported that WP.29 had agreed that a progress report listing innovative technologies as well as the EFV implementation progress made since the first EFV conference in 2003 should be finalized before the next EFV Conference. He also recalled that the next EFV conference, co-sponsored by the USA and Canada, is scheduled to be held in Baltimore (USA) on 10-12 September 2012.

60. The GRPE Chair suggested having another report on the EFV-related activities in the next GRPE session.

XI. Fuel Quality (agenda item 10)

Documentation: ECE/TRANS/WP.29/2011/127 and ECE/TRANS/WP.29/1093

61. GRPE noted that WP.29 adopted the GRPE proposal to introduce into R.E.3 a new annex containing key parameters on market fuel quality (ECE/TRANS/WP.29/2011/127), including some editorial and administrative amendments (ECE/TRANS/WP.29/1093, paragraph 99). The adoption of the introduction of a similar annex into S.R.1 is foreseen for the March session of WP.29/AC.3.

62. The Chair requested GRPE experts to voice their position on the need for further activities in this field. The expert from OICA recalled that, in the Organization's position, the adopted guidelines needed to be considered as a first achievement. She expressed a preference to move forward with the addition of other parameters already discussed in the framework of this work, and she announced her intention to investigate whether there were still reservations from Contracting Parties.

63. The GRPE Chair invited the expert from OICA to work with interested Contracting Parties and, if appropriate, to develop a document for consideration at the next GRPE session.

XII. Exchange of information on national and international requirements on emissions (agenda item 11)

Documentation: Informal document GRPE-63-07

64. The expert from Japan presented an overview on the Japanese fuel efficiency standards for passenger vehicles for the fiscal year 2020. He illustrated the status of the CO₂ emissions from the transport sector in Japan, underlining that they peaked in 2001 and also explaining the reasons behind their evolution in the past two decades. He described the history of fuel efficiency standards in Japan and he provided detailed information on the new Japanese fuel efficiency standard for 2020, indicating that it was set to 20.3 km/L. He explained that this level was established taking into account the fuel efficiency of the "top runner" vehicle, as well as a technology assessment (improvements, market penetration). In particular, he noted that the top runner selection for the determination of the 2020 standard accounted for both conventional vehicles and hybrid vehicles (whose market penetration is expected to attain 18 per cent).

65. GRPE welcomed the presentation by the expert from Japan and noted the efforts undertaken in this field.

XIII. Other business (agenda item 12)

A. Informal Working Group on Electric Vehicles and Environment (EVE)

Documentation: ECE/TRANS/WP.29/1093, ECE/TRANS/WP.29/2012/36 and informal document GRPE-63-13

66. The expert from the USA presented a proposal on the Terms of Reference for the informal working group on Electric Vehicles and Environment (EVE) (GRPE-63-13). On behalf of all the co-sponsors: the EU, Japan and the USA, he underlined the need to establish two informal working groups addressing the safety and environmental issues of electric vehicles (ECE/TRANS/WP.29/2012/36), as approved by WP.29 (ECE/TRANS/WP.29/1093) in its last session. He informed GRPE that the co-sponsors aim to: (a) exchange information on current and future regulatory requirements for electric vehicles in different markets; (b) minimize the differences between these regulatory requirements, with a view toward facilitating the development of vehicles to comply with such requirements; and (c) where possible, develop common requirements in the form of UN GTRs. He reminded GRPE that the informal group on EVE is expected to address environmental issues, while another informal group, established in the GRSP framework, should focus on Electric Vehicle Safety.

67. The GRPE Chair welcomed the proposal and invited GRPE experts that send their comments on the proposal to the expert from the USA (delaney.maureen@epa.gov). He concluded that there is no intention, at the moment, to develop a UN GTR on environmental issues (while such a development is likely in the case of safety). He stated the expectation that this initiative would reinforce the work undertaken on electric vehicles by other groups (like HDH and WLTP).

B. Proposal to develop a new UN Regulation on recyclability of M₁ and N₁ vehicles

Documentation: Informal document WP.29-155-26

68. The expert from OICA introduced WP.29-155-26, proposing to develop a new UN Regulation on recyclability of vehicles, following the development of legislation on the end-of-life of vehicles concerning M₁ and N₁ vehicles in several areas of the world.

69. GRPE welcomed this initiative and agreed to consider further developments on this issue.

C. Clarification on referencing of UN Regulations and standards in documents

Documentation: Informal documents WP.29-155-05 and WP.29-155-33

70. Referring to WP.29-155-05 and WP.29-155-33, the GRPE Chair illustrated the issues on referencing of UN Regulations and standards with documents, inviting experts from GRPE to provide him with any information or opinion.

D. Upcoming proposals on UN Regulation No. 115

Documentation: Informal document GRPE-63-06-Rev.1

71. The Chair of the informal group on GFVs proposed an amendment to UN Regulation No. 115 (GRPE-63-06-Rev.1), redefining the class of bi-fuel vehicles regarding the simultaneous use of gas and petrol in gas mode under certain conditions. This is similar to the amendment in UN Regulation No. 83 (paragraph 53, agenda item 8(a)).

72. GRPE agreed to distribute an updated version of GRPE-63-06-Rev.1 as an official document for consideration at its June 2012 session.

E. Approach of the involvement of GRPE in the development of the International Whole Vehicle Type Approval (IWVTA) system

Documentation: ECE/TRANS/WP.29/1093

73. The GRPE Chair invited GRPE experts to provide him with comments on ECE/TRANS/WP.29/1093. He expressed his intention to identify a person in charge of the GRPE coordination activities related to the development of the International Whole Vehicle Type Approval (IWVTA) system, and invited experts to express their interest.

F. Date of the sixty-fifth session of GRPE in January 2013

Documentation: Informal documents WP.29-155-05 and WP.29-155-33

74. The GRPE Chair regretted the coincidence of the January session of GRPE with other events in Geneva (namely an international watch exhibition) that makes reserving hotel accommodations difficult. He proposed to tentatively schedule the GRPE session during the second or third week of January 2013. He added that the final date will be announced during the next GRPE session, in June 2012.

G. Presentation of the transport-related UNECE Energy Division activities related to the year of "Sustainable Energy for All"

Documentation: Informal document GRPE-63-30

75. A representative of the Energy Division of the UNECE secretariat informed GRPE about the activities related to the year 2012, proclaimed as the year of "Sustainable Energy for All" by the UN General Assembly in its Resolution 65/151 (GRPE-63-30). He underlined the "UN Secretary-General's High-Level Initiative on Sustainable Energy for All", focusing on its three targets for 2030: universal energy access, double energy efficiency and double renewable energy mix. He also mentioned the activities that will be undertaken by the UNECE, including in particular an exhibition on "the Energy R[E]volution" planned to be held in the "Palais des Nations", in Geneva, from 27 February to 16 March 2012. He invited GRPE experts to participate in this exhibition and to contribute to the event, offering the possibility to showcase new innovative technologies on transport, energy and sustainability, including electric vehicles.

76. The GRPE Chair invited all interested experts to contact the representative of the UNECE Energy Division (gianluca.sambucini@unece.org).

H. Secretariat update on the "UNDA project"

Documentation: Informal document GRPE-63-31

77. The secretariat reported the latest developments concerning the "UNDA project" (GRPE-63-31), mentioning, in particular, the forthcoming finalisation of the Global Status Report, the development of a concept note on the methodological approach for the "ForFITS" modelling tool, its distribution amongst a selection of reviewers, the organization of a meeting of the review panel, and the organization of an International Expert meeting (to be held on 24 April 2012) for the presentation of the Global Status Report and the methodological approach that shall be used to develop the "ForFITS" modelling tool.

I. Tributes

78. GRPE expressed its best wishes to Ms. Nelly Enonler (UNECE), who retired on 31 January 2012.

79. GRPE was informed that Mr. Kazuyuki Narusawa (Japan), Chair of HFCV-SGS and former Chair of WWH-OBD, will retire in the spring. Acknowledging, in particular, his deep involvement in the WMTC and WHDC work, GRPE welcomed the possibility continue to work with Mr. Narusawa on a contractual basis in the future, even after his retirement.

80. GRPE also noted with great sadness that Mr. Carlo Della Casa (OICA), who attended several GRPE sessions in the past, had passed away.

XIV. Provisional agenda for the next session

81. The sixty-fourth session is scheduled to be held in Geneva, Palais des Nations, from Tuesday, 5 June 2012, starting at 2.30 p.m. until Friday, 8 June 2012, 12.30 p.m., subject to confirmation by the secretariat (see GRPE-64-01). The following time schedule and provisional agenda were suggested:

A. Informal meetings in conjunction with the next GRPE session proper

82. Informal meetings in conjunction with the next GRPE session proper are listed below:

(a) Informal meeting of the GRPE working group on Heavy Duty Hybrids (HDH), 5 June 2012 from 9.30 a.m. to 12.30 p.m.

(b) Informal meeting of the GRPE working group on the Mobile Air-Conditioning Test Procedure (MACTP), 5 June 2012 from 9.30 a.m. to 12.30 p.m.

(c) Informal meeting of the GRPE working group on Gaseous Fuelled Vehicles (GFV), 5 June 2012, from 14.30 p.m. to 17.30 p.m.

(d) Informal meeting of the WLTP subgroup on the Development of the Harmonized driving Cycle (WLTP-DHC), 5 June 2012 from 14.30 p.m. to 17.30 p.m.

(e) Informal meeting of the GRPE working group on Retrofit Emission Control devices (REC), 6 June 2012 from 9.30 a.m. to 12.30 p.m.

(f) Informal meeting of the WLTP subgroup on the Development of the Test Procedure (WLTP-DTP), 6 June 2012 from 9.30 a.m. to 17.30 p.m.

83. The agendas of these meetings will be prepared by the respective secretaries and distributed to the members of each group prior to each meeting. All meetings will be held without interpretation.

B. Provisional agenda for the sixty-fourth session of GRPE proper

84. To be held on Thursday, 7 June 2012, from 9.30 a.m. until Friday, 8 June 2012, 12.30 p.m.:

1. Adoption of the agenda.
2. Report on the last session of the World Forum for Harmonization of Vehicle Regulations (WP29).
3. Light vehicles:
 - (a) Worldwide harmonized Light vehicles Test Procedures (WLTP);
 - (b) Mobile Air-Conditioning Test Procedure (MACTP);
 - (c) UN Regulation No. 83;
 - (d) UN regulation No. 101;
 - (e) Upcoming proposals on UN Regulations Nos. 68, 83, 85, 101, and 103.
4. Heavy duty vehicles:
 - (a) Heavy Duty Hybrids (HDH);

- (b) Retrofit Emissions Control devices (REC);
 - (c) UN Regulation No. 49;
 - (d) UN GTR No. 4 (WHDC);
 - (e) UN GTR No. 5 (WWH OBD);
 - (f) Upcoming proposals on UN Regulation No. 49 and UN Global Technical Regulations Nos. 4, 5 and 10.
5. Agricultural and forestry tractors, non-road mobile machinery:
- (a) UN Regulation No. 96;
 - (b) Upcoming proposals on UN Regulations Nos. 96 and 120 and on UN GTR No. 11.
6. Particle Measurement Programme (PMP).
7. Motorcycles and mopeds:
- Upcoming proposals on UN Regulations Nos. 40 and 47 and on UN GTR No. 2.
8. Gaseous and Hydrogen Fuelled Vehicles:
- (a) Gaseous Fuelled Vehicles (GFV);
 - (b) UN Regulation No. 115;
 - (c) Upcoming proposals on UN Regulations No. 115.
9. Environmentally Friendly Vehicles (EFV).
10. Electric Vehicles and the Environment (EVE).
11. Fuel Quality.
12. Exchange of information on national and international requirements on emissions.
13. Election of officers.
14. Other business.

Annexes

Annex I

List of informal documents (GRPE-63-...) distributed without an official symbol during the session

	Transmitted by	Agenda item	Language	Title	Follow-up
01-Rev.2	Secretariat	1	E	Informal group meetings scheduled to be held in conjunction with the 63rd GRPE session proper (including the room reservations - see Annex)	(a)
02	UK	3(d)	E	Proposal for corrigendum to UN Regulation No. 83	(a)
03	UK	4(e)	E	Proposal for corrigendum to UN Regulation No. 49	(a)
04	EC	4(d)	E	Transposition of EURO VI requirements into UN Regulation No. 49	(a)
05-Rev.1	GFV	8(a)	E	Proposal for an amendment to UN Regulation No. 83	(c)
06-Rev.1	GFV	12(d)	E	Proposal for an amendment to UN Regulation No. 115	(c)
07	Japan	11	E	Overview of FY2020 fuel efficiency standards for passenger vehicles	(a)
08	OICA	3(d)	E	Proposal for draft supplement 1 to the 01 series of amendments to UN Regulation No. 101	(c)
09	Secretariat	1	E	Updated annotated provisional agenda for the sixty-third session (draft)	(a)
10	EC	7	E	International environmental and propulsion performance requirements of L-category vehicles	(a)
11	EC	7	E	Draft roadmap aligning EU Regulation on environmental and propulsion performance requirements, UN Regulation No. 40, UN Regulation No. 47 and UN GTR No. 2 (flow chart)	(a)
12	Italy	5	E	Proposal for amendments to the UN Regulation No. 96	(c)

13	USA	12(a)	E	Draft proposal for terms of reference for the proposed Informal Working Group on Electric Vehicles and Environment (EVE)	(a)
14	Germany	3(c)	E	Proposal for a revision of the document ECE/TRANS/WP.29/GRPE/2012/2, introducing amendments to Regulation No. 101	(b)
15	OICA	4(e)	E	Proposal for corrigendum to UN GTR No. 4	(c)
16	OICA	3(d)	E	Proposal for amendments to UN Regulation No. 83	(c)
17	OICA	4(e)	E	Proposal for a draft amendment to UN GTR Nr. 5	(c)
18	HDH	4(b)	E	Status of the GRPE informal group on Heavy Duty Hybrids (HDH)	(a)
19	HDH	4(b)	E	GRPE informal group on Heavy Duty Hybrids (HDH). Report to GRPE 63	(a)
20	GFV	8(a)	E	Informal group on Gaseous Fuelled Vehicles (GFV). Report to GRPE 63	(a)
21	GFV	8(a)	E	Proposal for a draft supplement to the 6th series of amendments to UN Regulation No. 49	(c)
22	UK	4(d)	E	Proposal for amendments to ECE/TRANS/WP.29/GRPE/2012/4	(b)
23	GFV HDDFTF	8(a)	E	GFV Task Force Heavy Duty Dual Fuel vehicles (HDDF TF) (report to GRPE 63)	(a)
24	MACTP	3(b)	E	MACTP. Status report	(a)
25	WLTP- DHC	3(a)	E	Progress report of World-wide Light-duty Test Cycle. Prepared by DHC under GRPE/WLTP informal group	(a)
26	PMP	6	E	Particle Measurement Programme - Report to GRPE 63	(a)
27	WLTP	3(a)	E	Proposal of WLTP-roadmap revision. Prepared by WLTP Technical Secretary	(a)
28	WLTP	3(a)	E	WLTP roadmap, including current and proposed WLTP organization, as well as tentative meeting schedule (Excel file)	(a)
29	REC	4(c)	E	Progress report by the Chair of the informal group on REC	(a)
30	Secretariat	12(g)	E	UNECE and the International Year for Sustainable Energy for All	(a)

31	Secretariat	12(h)	E	UNDA project. Development and implementation of a monitoring and assessment tool for CO2 emissions in inland transport to facilitate climate change mitigation	(a)
32	WLTP-DTP	3(a)	E	DTP 8 Wrap-up an open issues	(a)

Notes:

- (a) Consideration completed or to be superseded
- (b) Adopted and submitted to WP.29
- (c) Resume consideration on the basis of an official document

Annex II

Informal meetings held in conjunction with the sixty-third session of GRPE

1. Following the agreement reached at the previous GRPE session, seven informal meetings were held in conjunction with the sixty-third session of the GRPE.
 2. The eighth informal meeting of the GRPE working group on Heavy Duty Hybrids (HDH) was held in the morning of 17 January 2012, under the chairmanship of Mr. P. Asman (EC). A summary of the proceedings of this informal meeting is given in the report above (paragraph 29).
 3. The third informal meeting of the GRPE working group on the Mobile Air-Conditioning Test Procedure (MACTP) was held in the morning of 17 January 2012, under the chairmanship of Mr. A. Rijnders (Netherlands). A summary of the proceedings of this informal meeting is given in the report above (paragraph 17)
 4. The seventeenth informal meeting of the GRPE working group on Gaseous Fuelled Vehicles (GFV) was held in the afternoon of 17 January 2012, under the chairmanship of Mr. A. Rijnders (Netherlands). A summary of the proceedings of this informal meeting is given in the report above (paragraph 53).
 5. The eleventh informal meeting of the WLTP subgroup on the Development of the Harmonized driving Cycle (WLTP-DHC) was held in the afternoon of 17 January 2012 under the chairmanship of Mr. H. Ishii (Japan). A summary of the proceedings of this informal meeting is given in the report above (paragraph 10).
 6. The ninth informal meeting of the GRPE working group on Retrofit Emission Control devices (REC) was held in the morning of 18 January 2012, under the chairmanship of Mr. H. Baarbé (Netherlands). A summary of the proceedings of this informal meeting is given in the report above (paragraph 31).
 7. The eighth informal meeting of the WLTP subgroup on the Development of the Test Procedures (WLTP-DTP) was held on 18 January 2012 under the chairmanship of Mr. G. D'Urbano (Switzerland). A summary of the proceedings of this informal meeting is given in the report above (paragraph 12).
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