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### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### Working Party on Pollution and Energy

#### Sixty-second session

Geneva, 7-10 June 2011

## Report of the Working Party on Pollution and Energy on its sixty-second session (7-10 June 2011)

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## **I. Attendance**

1. The Working Party on Pollution and Energy (GRPE) held its sixty-second session from 7 to 10 June 2011, under the chairmanship of Mr. Ch. Albus (Germany). 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; Netherlands; Poland; Republic of Korea; Russian Federation; South Africa; Spain; Sweden; Switzerland; United Kingdom of Great Britain and Northern Ireland; United States of America. Experts from the European Commission (EC) also participated. The International Energy Agency (IEA) was also represented. Experts from the following non-governmental organizations took part in the session: Association for Emissions Control by Catalyst (AECC); European Association of Automobile Suppliers (CLEPA); European Liquefied Petroleum Gas Association (AEGPL); Foundation for the Automobile and Society (FIA Foundation) and FIA mobility (FIA); International Association for Natural Gas Vehicles (IANGV); International Motorcycle Manufacturers Association (IMMA), International Organization of Motor Vehicle Manufacturers (OICA) and Natural Gas Vehicles Association Europe (NGVA Europe). Upon the special invitation of the Chair, the experts from: European Association of Internal Combustion Engine Manufacturers (EUROMOT); European Automobile Manufacturers Association (ACEA); International Petroleum Industry Environment Conservation Association (IPIECA); European Federation for Transport and Environment (T&E); Technical Committee of Petroleum Additive Manufacturers in Europe (ATC); International Council on Clean Transportation (ICCT) and Transport Research Laboratory (TRL) also attended.

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

*Documentation:* ECE/TRANS/WP.29/GRPE/2011/8,  
Informal document GRPE-62-01-Rev.2

2. GRPE noted GRPE-62-01-Rev.2 on organizing the GRPE informal group meetings. GRPE adopted the agenda ECE/TRANS/WP.29/GRPE/2011/8 and added the following new items:

- 13(a) Project on the development and implementation of a monitoring and assessment tool for inland transport CO<sub>2</sub> emissions,
- 13(b) Intelligent transport systems,
- 13(c) Tributes.

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

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

*Documentation:* ECE/TRANS/WP.29/1089

4. GRPE noted the main points of the report ECE/TRANS/WP.29/1089 on the last session of the World Forum for Harmonization of Vehicle Regulations (WP.29).

## **IV. Light vehicles (agenda item 3)**

### **A. Worldwide harmonized Light vehicles Test Procedures (agenda item 3(a))**

*Documentation:* Informal documents GRPE-61-13, GRPE-61-14 and GRPE-61-15

5. The Chair introduced GRPE-61-13 on the need to better organize and coordinate the work of the informal subgroups on Worldwide harmonized Light vehicle Test Procedures (WLTP). GRPE agreed with his proposal to establish a steering group instead of reactivating the WLTP informal group. GRPE considered the urgent need to nominate the drafting coordinator for developing the text of the Global Technical Regulation (GTR) and welcomed the initiative by the European Commission to engage for this purpose a subcontractor in near future.

6. The Chair of the informal subgroup on the Development of the Harmonized driving Cycle (DHC) introduced GRPE-62-14 summarizing the work progress done on the in-use data collection, the weighing factors and the possible modes for the new test cycle. He added that the WLTP test cycle was now in development (with some delay) and that a later delivery of data sets by China would be welcomed. He presented the test plan for validation phase 1 (driveability) which was expected to be concluded in September 2011. He announced the group's intention to finalize the first version of the test cycle at its forthcoming meeting to be held in Stockholm on 6 and 7 July 2011.

7. The Chair of the informal subgroup on the Development of the Test Procedure (DTP) reported on the good progress made during its recent meetings of DTP and its five subgroups (GRPE-61-15). He presented the main objectives agreed upon for the validation phase 2 starting in October 2011, especially on the operability and practicability of the measurement procedure as well as on its robustness and consistency with respect to variations in parameters and tolerances. He noted that a validation task force would provide laboratory guidance for validation phase 2. He announced the intention of the DTP subgroup to meet again in Bern from 12 to 14 September 2011.

8. The GRPE Chair welcomed the good progress made and suggested that the WLTP subgroups on DHC and DTP should also meet prior to the next session of GRPE (see para. 51 below). Detailed information on the activities of both groups is available on the GRPE websites at: [www.unece.org/trans/main/wp29/wp29wgs/wp29grpe/wltp\\_dhc09.html](http://www.unece.org/trans/main/wp29/wp29wgs/wp29grpe/wltp_dhc09.html) and [www.unece.org/trans/main/wp29/wp29wgs/wp29grpe/wltp\\_dtp06.html](http://www.unece.org/trans/main/wp29/wp29wgs/wp29grpe/wltp_dtp06.html).

### **B. Mobile Air-Conditioning Test Procedure (agenda item 3(b))**

9. The Chair of the informal group on Mobile Air-Conditioning Test Procedures (MACTP) informed GRPE that only little work progress has been made by the group since January 2011. He announced the group's intention to launch a 10-month pilot phase. In this respect, the expert from EC invited all GRPE experts to participate in the kick-off meeting scheduled to be held in Brussels on 18 July 2011. He added that the text on MACTP was expected to be finalized by autumn 2012. He volunteered to provide more detailed information on this subject at the next session of GRPE in January 2012.

10. GRPE noted that the mandate of the informal group on MACTP would end in January 2012. Therefore, it was agreed to seek the consent of WP.29 to extend the mandate of the informal group for an additional 2.5-year period until the sixty-eighth session of GRPE in June 2014. The GRPE Chair suggested that the informal group on MACTP should meet prior to the next GRPE session in January 2012 (see para. 51 below).

**C. Regulation No. 83 (Emissions of M<sub>1</sub> and N<sub>1</sub> categories of vehicles)  
(agenda item 3(c))**

11. GRPE noted that no new document has been submitted under this agenda item.

**D. Upcoming proposals on Regulations Nos. 83, 101 and 103  
(agenda item 3(d))**

*Documentation:* Informal document GRPE-62-06

12. The expert from Germany introduced GRPE-62-06 proposing an amendment to Regulation No. 101 clarifying the procedure to determine the real electric range of a hybrid electric vehicle. GRPE noted some comments. The Chair invited all experts to send their written comments in due time to the expert from Germany.

13. GRPE agreed to resume consideration at its next session in January 2012 on the basis of an updated proposal by Germany and to distribute it with an official symbol. GRPE also requested the WLTP subgroup on DTP to consider this issue in detail.

**V. Heavy duty vehicles (agenda item 4)**

**A. Worldwide harmonized Heavy Duty Certification procedure (agenda item 4(a))**

*Documentation:* ECE/TRANS/WP.29/GRPE/2011/9

14. Recalling the discussion at the previous session of GRPE, the expert from OICA introduced ECE/TRANS/WP.29/GRPE/2011/9 proposing some minor editorial corrections to Global Technical Regulation (GTR) No. 4 on the Worldwide harmonized Heavy Duty Certification procedure (WHDC).

15. GRPE adopted ECE/TRANS/WP.29/GRPE/2011/9, not amended, and requested the secretariat to submit it to WP.29 and AC.3, for consideration at their November 2011 sessions, as Corrigendum 1 to Amendment 1 to GTR No. 4.

**B. Worldwide harmonized Heavy Duty On-Board Diagnostic systems  
(agenda item 4(b))**

*Documentation:* ECE/TRANS/WP.29/GRPE/2011/15

16. The expert from EC presented ECE/TRANS/WP.29/GRPE/2011/15 proposing to clarify the test procedures in GTR No. 5 on worldwide harmonized requirements for on-board diagnostic systems (WWH-OBD). GRPE noted a number of comments and agreed to have a final review of the proposal at its next session in January 2012. The Chair reminded the expert from EC to also prepare a proposal to develop such an amendment for submission to the Executive Committee (AC.3) of the 1998 Agreement at its forthcoming session in June 2011.

### **C. Heavy Duty Hybrids (agenda item 4(c))**

*Documentation:* Informal documents GRPE-62-07 and GRPE-62-08

17. The Secretary of the informal group on Heavy Duty Hybrids (HDH) reported on the good progress made by the informal group at its fifth and sixth meetings (GRPE-62-07). He presented the roadmap including the project planning and the research program for developing new provisions for HDH (GRPE-62-08). GRPE noted the work progress and endorsed the project planning and the research programme.

18. GRPE also noted that the informal group on HDH would meet again in Vienna from 12 to 14 October 2011. It was agreed that the group should also meet in conjunction with the next session of GRPE in January 2012 (see para. 51 below).

### **D. Retrofit Emission Control devices (agenda item 4(d))**

*Documentation:* Informal document GRPE-62-12

19. The Chair of the informal group on Retrofit Emission Control devices (REC) reported on the good progress made by the group during its recent meetings (GRPE-62-12). He explained the group's decision to handle, for the purpose of type approval, such REC devices with the different levels of stringency. He listed the remaining issues still under discussion. The expert from Germany underlined the need that REC devices should be clearly identified by a specific marking.

20. GRPE agreed on a general approach to set up new provisions for such devices with two or more alternatives representing different levels of performances. GRPE noted that the informal group's intention to meet again in Ispra (Italy) in September 2011. The GRPE Chair invited the REC group to also meet in conjunction with the next session of GRPE in January 2012 (see para. 51 below).

### **E. Regulation No. 49 (Emissions of C.I. and P.I. (NG and CNG) engines) (agenda item 4(e))**

*Documentation:* ECE/TRANS/WP.29/GRPE/2011/16,  
Informal documents GRPE-62-09 and GRPE-62-16

21. The expert from EC recalled the purpose of ECE/TRANS/WP.29/GRPE/2011/16 and GRPE-62-09 proposing to amend the provisions of Annexes 9B and 9C (with respect to the on-board diagnostic communication protocol) and to clarify some concerns identified during the preparation of legislation implementing the Euro VI emission levels. The expert from OICA introduced GRPE-62-16 containing a number of additional amendments.

22. GRPE adopted ECE/TRANS/WP.29/GRPE/2011/16, as amended by GRPE-62-09 and GRPE-62-16. The secretariat was requested to submit the adopted proposal to WP.29 and AC.1, for consideration at their November 2011 sessions, as draft Supplement 5 to the 05 series of amendments to Regulation No. 49.

## **F. Upcoming proposals on Regulation No. 49 and Global Technical Regulations Nos. 4 and 5 (agenda item 4(f))**

*Documentation:* Informal documents GRPE-62-10 and GRPE-62-11

23. The expert from EC reported on the status of transposing the Euro VI requirements into Regulation No. 49 (GRPE-62-11). Referring to GRPE-62-10, he explained his intention to transpose the whole scope as defined in the European Union (EU) Regulation No. 595/2009 and to submit it as a new series of amendments to Regulation No. 49. He volunteered to finalize the proposal taking into account the comments received and to submit it, in due time, to GRPE for consideration at its next session in January 2012 as an official document. In this respect, he invited all experts to send him their possible concerns by mid-July 2011 at the latest.

24. GRPE acknowledged the commitment by the expert from EC for this important task and agreed to resume consideration of this subject at its next session.

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

### **A. Global Technical Regulation No. 11 (agenda item 5(a))**

*Documentation:* ECE/TRANS/WP.29/GRPE/2011/10

25. Recalling the purpose of ECE/TRANS/WP.29/GRPE/2011/9 under agenda item 4(a), the expert from EC presented ECE/TRANS/WP.29/GRPE/2011/10 proposing the same editorial corrections to GTR No. 11 on the engine emissions of tractors and Non-Road Mobile Machinery (NRMM). GRPE adopted ECE/TRANS/WP.29/GRPE/2011/10, not amended, and requested the secretariat to submit it to WP.29 and AC.3, for consideration at their November 2011 sessions, as Corrigendum 2 to GTR No. 11.

### **B. Regulation No. 96 (Diesel emissions (Agricultural tractors)) (agenda item 5(b))**

*Documentation:* ECE/TRANS/WP.29/GRPE/2011/11,  
Informal document GRPE-62-02-Rev.1

26. Recalling the discussion of the previous session of GRPE, the expert from EC introduced ECE/TRANS/WP.29/GRPE/2011/11, as amended by GRPE-62-02, proposing the new 03 series of amendments to Regulation No. 96. He explained that this proposal aimed at aligning the text of the Regulation with stages IIIB and IV of the corresponding EU directive and including the harmonized test procedure as defined in GTR No. 11. He added that in Annex 3 the figure of model A needed to be corrected with respect to the additional letter "F".

27. GRPE adopted ECE/TRANS/WP.29/GRPE/2011/11 as amended by GRPE-62-02-Rev.1, and requested the secretariat to submit it to WP.29 and AC.1, for consideration at their November 2011 sessions, as draft 03 series of amendments to Regulation No. 96.

**C. Regulation No. 120 (Net power of tractors and non-road mobile machinery) (agenda item 5(c))**

*Documentation:* ECE/TRANS/WP.29/GRPE/2011/12,  
Informal document GRPE-62-03

28. The expert from Italy presented ECE/TRANS/WP.29/GRPE/2011/12 aimed at aligning the provisions of Regulation No. 120 with those of GTR No. 11 and Regulation No. 96. The expert from Poland introduced GRPE-62-03 questioning the new scope of Regulation No. 120. The expert from EC supported the concerns raised. He volunteered to analyse the possibility at extending the scope of the 1958 Agreement to cover also smaller petrol fuelled spark ignited engines and to present a strategy to solve this legal problem. In this respect, the Chair invited all delegates to clarify their position on this issue.

29. GRPE adopted ECE/TRANS/WP.29/GRPE/2011/12, as amended below, and requested the secretariat to submit it to WP.29 and AC.1, for consideration at their sessions in November 2011, as draft 01 series of amendments to Regulation No. 120.

Page 2, paragraph 5.3.1., the table, *replace* Small petrol fuelled spark engines ( $\leq 19$  kW) by Petrol fuelled spark engines

Page 2, paragraph 5.3.2., *replace* For small ( $\leq 19$  kW) spark ignited by For spark ignited

Page 15, Annex 6, paragraph 4.1., the table, *replace* Small petrol fuelled spark engines ( $\leq 19$  kW) by Petrol fuelled spark engines

**D. Upcoming proposals on Global Technical Regulation No. 11 and Regulations Nos. 96 and 120 (agenda item 5(d))**

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

**VII. Particle Measurement Programme (agenda item 6)**

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

**VIII. Motorcycles and mopeds (agenda item 7)**

**Upcoming proposals on GTR No. 2 and Regulations Nos. 40 and 47**

32. GRPE noted the work progress made by informal group on Worldwide harmonized Motorcycle emission Test Cycle (WMTC) on the next development phase of GTR No. 2. Referring to the decision of GRPE (ECE/TRANS/WP.29/GRPE/58, para. 17) to remove the WMTC-gear selection sheets from the website, the experts from Germany and Japan presented the updated gear selection sheets. GRPE agreed to make them available on the WMTC website at: [www.unece.org/trans/main/wp29/wp29wgs/wp29grpe/wmtc.html](http://www.unece.org/trans/main/wp29/wp29wgs/wp29grpe/wmtc.html)

33. The GRPE Chair invited all experts to check the new gear selection sheets. GRPE agreed to resume consideration of this subject at its next session.

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

### **A. Gaseous Fuelled Vehicles (agenda item 8(a))**

*Documentation:* Informal documents GRPE-62-17, GRPE-62-20 and GRPE-62-21

34. The Chair of the informal group on Gaseous-Fuelled Vehicles (GFV) reported on the work progress made by the group at its recent meetings, held in Brussels on 10 May 2011 and in Geneva on 7 June 2011 (GRPE-62-20). He announced the intention of the informal group to submit to GRPE, for consideration at its next session, a concrete proposal for amendments to Regulations Nos. 83 and 115 to insert new provisions for bi-fuel vehicles with mixed operation of direct injection engines. Referring to the consent of GRPE at its previous session on the way to address HDDF engines fuelled with liquid natural gas (LNG), he suggested setting up, under GFV, a new Task Force on LNG to prepare an amendment to Regulation No. 110. GRPE endorsed that approach.

35. The expert from OICA chairing the task force on heavy duty dual fuel (HDDF) gave a detailed status report (GRPE-62-21). He reported on the terminology of HDDF engines and the progress made on the new provisions for the upcoming emission levels EURO V and VI. He informed GRPE about the new tasks to collect existing and proposed definitions related to GFV (GRPE-62-17). He added that all expected amendments to Regulations were on time except those to Regulation No. 115. GRPE welcomed the initiative to collect definitions of vehicles and engines even in a broader sense and noted some comments.

36. GRPE noted that the current mandate of the informal group on GFV was limited to the end of 2011. The Chair of GRPE expressed his intention to seek the consent of WP.29 to change the mandate of this group to a permanent one or to extend it for another 2.5-year period until the sixty-eighth session of GRPE in June 2014.

37. GRPE noted that the informal group's intention to meet again in Brussels on 27 September 2011. GRPE agreed that the GFV group should also meet prior to the next session of GRPE in January 2012 (see para. 51 below).

### **B. Hydrogen and Fuel Cell Vehicles - Subgroup Environment (agenda item 8(b))**

*Documentation:* ECE/TRANS/WP.29/GRPE/2011/13,  
Informal document WP.29-154-14

38. Following the discussion at its previous session, GRPE considered the technical report ECE/TRANS/WP.29/GRPE/2011/13 summarizing discussions and recommendations on Hydrogen and Fuel Cell Vehicles (HFCV) with regard to provisions related to the environmental aspects. GRPE noted that its regulatory activities should focus on harmonizing the:

- (a) test procedure for measuring the fuel consumption;
- (b) test procedure and calculation method for measuring pollutants and CO<sub>2</sub> emissions;
- (c) definition of a reference fuel for test purposes.

39. GRPE endorsed the recommendation of the HFCV-Subgroup Environment to waive the development of a GTR on environmental related provisions and to develop, case by case, amendments to existing UN Regulations or UN GTRs. GRPE adopted ECE/TRANS/WP.29/GRPE/2011/13 and welcomed the Chair's proposal to inform WP.29 on

the basis of an executive summary only, including a reference to the more detailed technical report (see WP.29-154-14).

40. The Chair of the HFCV–Subgroup Safety (HFCV-SGS) reported on the work progress made by the subgroup. He expected that the GTR on HFCV could be agreed on by the Working Party on Passive Safety (GRSP) in 2011 and established in the Global Registry by mid-2012.

## **X. Environmentally Friendly Vehicles (agenda item 9)**

41. The expert from India informed GRPE that the task force meeting of the informal group on Environmentally Friendly Vehicles (EFV), which was initially scheduled to be held on 11 March 2011, had been postponed to the WP.29 session on 22 June 2011.<sup>1</sup> It was agreed to cancel the EFV meeting scheduled to be held after the GRPE session proper.

42. The expert from the United States of America announced that the next EFV conference would be held in the United States in 2012. He added that more detailed information on the venue and date would be provided for the November 2011 session of WP.29.

## **XI. Fuel Quality (agenda item 10)**

*Documentation:* ECE/TRANS/WP.29/GRPE/2011/14,  
Informal documents GRPE-62-04, GRPE-62-05, GRPE-62-19

43. The expert from OICA presented ECE/TRANS/WP.29/GRPE/2011/14 as his organization's position on a guideline for market fuel quality. The expert from CLEPA suggested inserting additional provisions for certain biofuels (GRPE-62-05). The expert from IPIECA recalled his position of previous meetings and introduced GRPE-62-04 presenting a counterproposal by his association. He underlined that the oil industry could only agree on the emission-based specifications for lead and sulphur.

44. The experts from Canada and the United States of America were in favour of the proposal by IPIECA and suggested inserting a number of clarifications (GRPE-62-19). GRPE adopted ECE/TRANS/WP.29/GRPE/2011/14 as reproduced in GRPE-62-19 and agreed to submit it to WP.29 for consideration at its November 2011 session as a first set of recommendations on market fuel quality, to be annexed as a guideline to the Consolidated Resolution on the Construction of Vehicles (R.E.3). The expert from the United States of America preferred to add it also to the Special Resolution No. 1 (S.R.1), subject to the decision of the Executive Committee (AC.3) to the 1998 Agreement.

45. GRPE agreed to consider, at its next session in January 2012, possible follow-up actions on market fuel quality.

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

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

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<sup>1</sup> Delegates interested in the outcome of the first task force meeting on EFV may consult the WP.29 report ECE/TRANS/WP.29/1091, para. 73, available on:  
[www.uncece.org/trans/main/wp29/wp29wgs/wp29gen/wp29rep.html](http://www.uncece.org/trans/main/wp29/wp29wgs/wp29gen/wp29rep.html)

### **XIII. Election of officers (agenda item 12)**

47. In compliance with Rule 37 of the Rules of Procedure (TRANS/WP.29/690 and Amend.1), GRPE called the election of officers on Friday morning. Mr. Ch. Albus (Germany) was unanimously re-elected Chair of GRPE for the sessions of the year 2012.

### **XIV. Other business (agenda item 13)**

#### **A. Project on the development and implementation of a monitoring and assessment tool for inland transport CO<sub>2</sub> emissions (agenda item 13(a))**

*Documentation:* Informal document GRPE-62-18

48. GRPE noted a presentation by the secretariat on the progress made on the project funded by the United Nations Development Account to develop and implement a monitoring and assessment tool for inland transport CO<sub>2</sub> emissions (GRPE-62-18). The secretariat recalled that a questionnaire on inland transport CO<sub>2</sub> emissions had been sent to all stakeholders and reminded them to return their replies by 31 July 2011 at the latest. He added that the replies to this questionnaire were of highest importance for ensuring a successful global project.

#### **B. Intelligent transport systems (agenda item 13(b))**

49. The secretariat informed GRPE that the public consultation on the strategic package on Intelligent Transport Systems (ITS) deployment received several comments from a broad range of stakeholders. GRPE noted that upon consolidation of all the comments, the strategic package would be complemented by a road map to be presented and endorsed at the February 2012 session of the Inland Transport Committee (ITC).<sup>2</sup>

#### **C. Tributes (agenda item 13(c))**

50. Learning that Messrs. Matatko (Germany), Duvielguerbigny (AEGPL) and Segers (IMMA) would no longer attend the sessions, GRPE acknowledged their considerable contribution to the activities of the group during the last years. GRPE wished them all the best for their future activities and expressed its appreciation.

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<sup>2</sup> GRPE experts interested in this subject may wish to consult the following website and, subsequently, submit their possible comments: [www.unece.org/trans/events/2011/its\\_public\\_consultation.html](http://www.unece.org/trans/events/2011/its_public_consultation.html)

## **XV. Provisional agenda for the next session**

51. The sixty-third session is scheduled to be held in Geneva, Palais des Nations, from Tuesday, 17 January 2012, starting at 2.30 p.m. until Friday, 20 January 2012, 12.30 p.m., subject to confirmation by the secretariat (see GRPE-63-01). The following time schedule and provisional agenda was suggested:

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

1. Informal meeting of the GRPE working group on Heavy Duty Hybrids (HDH)

To be held on Tuesday morning, 17 January 2012, from 9.30 a.m. till 12.30 p.m. The agenda of the meeting will be prepared by the HDH secretariat and distributed to the members of the group prior to the meeting. This meeting will be held without interpretation.

2. Informal meeting of the GRPE working group on Mobile Air-Conditioning Test Procedures (MACTP)

To be held on Tuesday morning, 17 January 2012, from 9.30 a.m. till 12.30 p.m. The agenda of the meeting will be prepared by the MACTP secretariat and distributed to the members of the group prior to the meeting.

3. Informal meeting of the GRPE working group on Gaseous-Fuelled Vehicles (GFV)

To be held on Tuesday afternoon, 17 January 2012, from 2.30 p.m. till 5.30 p.m. The agenda of the meeting will be prepared by the GFV secretariat and distributed to the members of the group prior to the meeting. This meeting will be held without interpretation.

4. Informal meeting of the GRPE/WLTP subgroup on the Development of the Harmonized driving Cycle (WLTP-DHC)

To be held on Tuesday afternoon, 17 January 2012, from 2.30 p.m. till 17.30 p.m., and on Wednesday morning, 18 January 2012, from 9.30 a.m. till 12.30 p.m. The agenda of the meeting will be prepared by the WLTP-DHC secretariat and distributed to the members of the group prior to the meeting.

5. Informal meeting of the GRPE working group on Retrofit Emission Control devices (REC)

To be held on Wednesday morning, 18 January 2012, from 9.30 a.m. till 12.30 p.m. The agenda of the meeting will be prepared by the REC secretariat and distributed to the members of the group prior to the meeting. This meeting will be held without interpretation.

6. Informal meeting of the GRPE/WLTP subgroup on the Development of Test Procedures (WLTP-DTP)

To be held on Wednesday, 18 January 2012, from 9.30 a.m. till 12.30 p.m. and from 2.30 p.m. till 5.30 p.m. The agenda of the meeting will be prepared by the WLTP-DTP secretariat and distributed to the members of the group prior to the meeting.

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

52. To be held on Thursday, 19 January 2012, from 9.30 a.m. to Friday, 20 January 2012, until 12.30 p.m.:

1. Report of the last sessions of WP.29.
2. Light vehicles:
  - (a) Worldwide harmonized Light vehicles Test Procedures;
  - (b) Mobile Air-Conditioning Test Procedure;
  - (c) Regulation No. 101 (CO<sub>2</sub> emissions/fuel consumption);
  - (d) Upcoming proposals on Regulations Nos. 83, 101 and 103.
3. Heavy duty vehicles:
  - (a) Worldwide harmonized Heavy Duty Certification procedure;
  - (b) Worldwide harmonized Heavy Duty On-Board Diagnostic systems;
  - (c) Heavy Duty Hybrids;
  - (d) Retrofit Emission Control devices;
  - (e) Regulations No. 49 (Emissions of C.I. and P.I. (NG and LPG) engines);
  - (f) Upcoming proposals on Regulation No. 49 and GTRs Nos. 4 and 5.
4. Tractors and Non-Road Mobile Machinery:
  - (a) GTR No. 11;
  - (b) Regulation No. 96 (Engine emissions of agricultural tractors);
  - (c) Regulation No. 120 (Internal combustion engines for tractors);
  - (d) Upcoming proposals on GTR No. 11 and Regulations Nos. 96 and 120.
5. Particle Measurement Programme.
6. Motorcycles and mopeds:
  - (a) Upcoming proposals on GTR No. 2 and Regulations Nos. 40 and 47.
7. Gaseous and Hydrogen Fuelled Vehicles:
  - (a) Gaseous Fuelled Vehicles;
  - (b) Hydrogen and Fuel Cell Vehicles – Subgroup Environment.
8. Environmentally Friendly Vehicles.
9. Fuel Quality.
10. Exchange of information on national and international requirements on emissions.
11. Other business.

## Annexes

### Annex I

#### List of informal documents (GRPE-62-...) distributed without an official symbol during the session

No.	Transmitted by	Agenda item	Language	Title	Follow-up
01-Rev.2	Secretariat	-	E	Informal group meetings scheduled to be held in conjunction with the 62nd GRPE session proper (including the room reservations – see Annex)	(a)
02-Rev.1	EC	5(b)	E	Corrigendum to the proposed 03 series of amendments to Regulation No. 96	(b)
03	Poland	5(c)	E	Remarks by the expert from Poland to the "Proposal for draft 01 series of amendments to Regulation No. 120"	(a)
04	IPIECA	10	E	Proposal for a guideline on market fuel quality to be added to the Consolidated Resolution on the Construction of Vehicles	(a)
05	CLEPA	10	E	Proposal for a guideline on market fuel quality to be added to the Consolidated Resolution on the Construction of Vehicles	(a)
06	Germany	3(d)	E	Proposal for amendments to Regulation No. 101	(c)
07	HDH Secretary	4(c)	E	Status of the GRPE informal group on Heavy Duty Hybrids (HDH)	(a)
08	HDH Secretary	4(c)	E	GRPE informal group on Heavy Duty Hybrids: Report to 62nd GRPE	(a)
09	EC	4(e)	E	Corrigenda to the proposal for an amendment to Regulation No. 49 (ECE/TRANS/WP.29/GRPE/2011/16)	(b)
10	EC	4(f)	E	Proposal for new series of amendments to Regulation No. 49	(c)
11	EC	4(f)	E	Transposition of EURO VI requirements into UNECE Regulation No. 49: Status report	(a)

No.	Transmitted by	Agenda item	Language	Title	Follow-up
12	Netherlands	4(d)	E	Progress report by the Chair of the informal group on REC	(a)
13	GRPE Chair	3(a)	E	WLTP organizational issues	(a)
14	Japan	3(a)	E	Summary of the 8th WLTP-DHC meeting	(a)
15	Switzerland	3(a)	E	Report of the 6th WLTP-DTP meeting to GRPE	(a)
16	OICA	4(e)	E	Comments to the proposal for an amendment to Regulation No. 49 (ECE/TRANS/WP.29/GRPE/2011/16)	(b)
17	GFV	8(a)	E	Proposal for an amendment to Regulation No. 85	(a)
18	Secretariat	13(a)	E	Work progress under the UN project on the development and implementation of a monitoring and assessment tool for inland transport CO <sub>2</sub> emissions	(a)
19	USA	10	E	Proposal for a guideline on market fuel quality	(b)
20	Netherlands	8(a)	E	Informal group on Gaseous Fuelled Vehicles (GFV)	(a)
21	OICA	8(a)	E	GFV Task Force an Heavy Duty Dual Fuel vehicles (HDDF)	(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-second session of GRPE**

1. Following the agreement reached at the previous GRPE session, seven informal meetings were held in conjunction with the sixty-second session of the GRPE.
  2. The sixth informal meeting of the GRPE working group on Retrofit Emission Control devices (REC) was held in the morning of 6 June 2011, under the chairmanship of Mr. H. Baarbé (Netherlands). A summary of the proceedings of this informal meeting is given in the report above (paras. 19–20).
  3. The sixth informal meeting of the GRPE working group on Heavy Duty Hybrids (HDH) was held in the afternoon of 6 June 2011, under the chairmanship of Mr. P. Asman (EC). A summary of the proceedings of this informal meeting is given in the report above (paras. 17–18).
  4. The fourteenth informal meeting of the GRPE working group on Gaseous Fuelled Vehicles (GFV) was held in the morning of 7 June 2011, under the chairmanship of Mr. A. Rijnders (Netherlands). A summary of the proceedings of this informal meeting is given in the report above (paras. 34–37).
  5. The eighth informal meeting of the WLTP subgroup on the Development of the Harmonized driving Cycle (WLTP-DHC) was held in the afternoon of 7 June 2011 under the co-chairmanship of Mr. H. Ishii (Japan) and Mr. C. Parkin (United Kingdom). A summary of the proceedings of this informal meeting is given in the report above (paras. 5–8).
  7. The sixth informal meeting of the WLTP subgroup on the Development of the Test Procedure (WLTP-DTP) was held on 8 June 2011 under the chairmanship of Mr. G. D'Urbano (Switzerland). A summary of the proceedings of this informal meeting is given in the report above (paras. 5–8).
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