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Report of the Working Party on Pollution and Energy (GRPE) on its sixty-ninth session

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I. Attendance

1. The Working Party on Pollution and Energy (GRPE) held its sixty-ninth session from 5 to 6 June 2014, with Mr. Christoph Albus (Germany) as Chair and Mr. Shrikant Marathe (India) as vice-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; France; Germany; Hungary; India; Italy; Japan; Netherlands; Norway; Poland; Republic of Korea (Korea); Russian Federation; South Africa; Spain; Sweden; Switzerland; Turkey; United Kingdom of Great Britain and Northern Ireland (UK); 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: Association for Emissions Control by Catalyst (AECC); Association of European Manufacturers of Internal Combustion Engines (EUROMOT); European Association of Automobile Suppliers (CLEPA/MEMA/JAPIA); European Garage Equipment Association (EGEA); European Liquefied Petroleum Gas Association (AEGPL); European Federation for Transport and Environment (T&E); International Council on Clean Transportation (ICCT); International Motorcycle Manufacturers Association (IMMA); and International Organization of Motor Vehicle Manufacturers (OICA); Natural and bio Gas Vehicle Association (NGVA EUROPE); International Association for Natural Gas Vehicles (IANGV/NGV Global); Truck and Engine Manufacturers Association (EMA). Upon the special invitation of the Chair, the experts from the following entities also attended: European Association for Advanced Rechargeable Batteries (RECHARGE aisbl); European Tyre & Rubber Manufacturers Association (ETRMA); Technical Committee of Petroleum Additive Manufacturers in Europe (CEFIC-ATC).

II. Adoption of the agenda (agenda item 1)

Documentation: ECE/TRANS/WP.29/GRPE/2014/10 and Add.1
Informal documents GRPE-69-01-Rev.2, GRPE-69-04-Rev.2 and
GRPE-69-05

2. GRPE adopted the agenda (ECE/TRANS/WP.29/GRPE/2014/10 and Add.1), as consolidated in GRPE-69-01-Rev.2. GRPE noted GRPE-69-04-Rev.2, on the organization of GRPE informal working group (IWG) meetings.

3. The informal documents distributed during the GRPE session are listed in Annex I. Annex II contains a list of the informal meetings held in conjunction with the GRPE session. Annex III lists GRPE informal working groups, task forces and subgroups, giving details on their Chairs, secretaries, and the end of their mandates.

4. The secretariat introduced GRPE-69-05, announcing that the next GRPE session would take place on 13-15 January 2015 and recalling that the deadline for the submission of official documents is 17 October 2014. These dates may be reconfirmed by the secretariat. The chairs and secretaries of informal working groups were invited to approach the secretariat to define the calendar of meetings of informal working groups for the January 2015 GRPE session.

III. Report on the last sessions of the World Forum for Harmonization of Vehicle Regulations (WP.29) (agenda item 2)

Documentation: ECE/TRANS/WP.29/1108
Informal document GRPE-69-06

5. Introducing GRPE-69-06, the secretariat reported on relevant items discussed in the 162nd session of the World Forum. For more details, see ECE/TRANS/WP.29/1108.

IV. Light vehicles (agenda item 3)

A. Worldwide harmonized Light vehicles Test Procedure (WLTP)

Documentation: Informal documents GRPE-69-16, GRPE-69-17 and GRPE-69-20

6. The GRPE Chair recalled the establishment in the Global Registry of UN Global Technical Regulation No. 15 on WLTP by WP.29 and AC.3.

7. Introducing GRPE-69-20, the Chair of the IWG on WLTP presented the work done since the last GRPE session and recalled the list of open issues that needed to be addressed by the IWG in Phase 1b. He reported that the task force dealing with coasting (sailing) might not be able to provide an acceptable proposal. He announced that the Drafting Coordinator had reported on a number of necessary corrections to UN GTR No. 15, and added that no Corrigendum would be proposed at this stage. The Group preferred to introduce them together with other amendments at the end of Phase 1b. He finally outlined the WLTP Phase 1b road map and announced the forthcoming WLTP IWG meetings scheduled in 2014 and 2015.

8. He concluded by informing GRPE about the next meetings of the group and requested the secretariat to reserve a room for a meeting prior to the January 2015 GRPE session.

9. GRPE acknowledged the status of these activities and agreed with the proposal.

10. The expert from EC reported (GRPE-69-17) on the ongoing work on the transposition of the GTR into the European Union (EU) legislation. He added that amendments to existing UN Regulations or new UN Regulation(s) would be developed in a second step. He introduced GRPE-69-16 providing a first draft retaining the UNECE formatting principles. At the request of the expert from Italy, he clarified that the weighting factors would not be transposed. The expert from OICA stated that further information on the transposition and whether WLTP would (i) become a new UN Regulation replacing existing Regulations or would (ii) amend UN Regulations Nos. 83 and 101. The GRPE Chair recalled that WLTP provisions were planned to be part of IWVTA and that the transposition process should take this aspect into consideration.

B. Mobile Air-Conditioning Test Procedure (MACTP)

11. The Chair of the IWG on MACTP reported that the Group did not meet prior to the GRPE proper session because of delays in the development of this work in the EU. He reminded GRPE that the mandate had expired. He proposed halting the activities of the IWG and discussing further progress in the EU under item 16 (exchange of information on emission requirements) at next sessions, if needed. GRPE acknowledged the status of these

activities and agreed with the proposal. GRPE thanked the Chair and secretariat for their work in the IWG.

C. UN Regulations Nos. 68 (measurement of the maximum speed, including electric vehicles), 83 (emissions of M₁ and N₁ vehicles), 101 (CO₂ emissions/fuel consumption) and 103 (replacement pollution control devices)

Documentation: ECE/TRANS/WP.29/GRPE/2014/14
Informal documents WP.29-163-05, GRPE-69-13 and GRPE-69-15

12. The Chair of GRPE recalled the purpose of WP.29-163-05. The expert from OICA supported the document but noted that the bold font used in the document was misleading. GRPE endorsed the document and formally adopted its content as follow:

Annex 4a, Appendix 7, paragraph 4.1.2., amend to read:

"4.1.2. Tyres

The choice of tyres shall be based on the rolling resistance. The tyres with the highest rolling resistance shall be chosen, measured according to ISO 28580.

If there are more than three tyre-rolling resistances, the tyre with the second highest rolling resistance shall be chosen.

The rolling resistance characteristics of the tyres fitted to production vehicles shall reflect those of the tyres used for type-approval."

13. The expert from OICA introduced ECE/TRANS/WP.29/GRPE/2014/14 and the proposed corrections in GRPE-69-13. GRPE noted that the proposals were not ready for endorsement and agreed to reconsider them at its January 2015 session on the basis of two revised proposals that the expert from EC volunteered to prepare.

14. The expert from the Netherlands introduced GRPE-69-15 proposing the deletion of the definition on "vehicle designed to fulfil specific social needs" in the 07 series of amendments to UN Regulation No. 83, as the corresponding specific emission limits didn't exist in these 07 series. GRPE agreed with this proposal and requested the secretariat to distribute this proposal with an official symbol at its January 2015 session.

15. The expert from Germany recalled its intervention during the previous GRPE session about the emission performance of approved replacement pollution control devices (see ECE/TRANS/WP.29/GRPE/68, paras. 28-29 and GRPE-68-18). He announced that, given EU internal constrains, this subject had not progressed and he proposed to postpone the discussion of this item at a later stage. GRPE agreed with this proposal.

V. Heavy duty vehicles (agenda item 4)

A. Heavy Duty Hybrids (HDH)

Documentation: ECE/TRANS/WP.29/GRPE/2014/11,
Informal documents GRPE-69-10, GRPE-69-11, GRPE-69-12 and GRPE-69-22

16. The secretary to the IWG on HDH introduced GRPE-69-12 and reported on the completion of the work. He presented GRPE-69-10 amending the proposal in

ECE/TRANS/WP.29/GRPE/2014/11 introducing a novel approach for assessing the performance of the entire vehicle powertrain by a simulation (HILS) as well as the final technical report (GRPE-69-11) for the proposed Amendment 3 to UN GTR No. 4.

17. GRPE noted that the HILS method validation was only partially completed when applying the Japanese criteria but that none of the prerequisites were met for extending the mandate for further action by the IWG. Therefore, GRPE acknowledged the work done by the IWG and agreed to remove this item from the provisional agenda of the seventieth session of GRPE in January 2015.

18. GRPE adopted the proposal ECE/TRANS/WP.29/GRPE/2014/11 as amended by GRPE-69-10 and GRPE-69-22 (Part A) as reproduced in Addendum 2 to this report. GRPE also adopted the corresponding technical report (GRPE-69-11 as amended by GRPE-69-22 (Part B), reproduced on Addendum 2) and requested the secretariat to submit them as a proposal for draft Amendment 3 to UN GTR No. 4 to WP.29 and AC.3 at their November 2014 sessions.

B. UN Regulation No. 49 (emissions of compression ignition and positive ignition (LPG and CNG) engines)

Documentation: ECE/TRANS/WP.29/2014/39
ECE/TRANS/WP.29/GRPE/2014/12
Informal documents GRPE-69-07-Rev.1, GRPE-69-08 and
GRPE-69-30

19. Recalling the note by the secretariat in ECE/TRANS/WP.29/1109, item 4.7.1, GRPE confirmed that ECE/TRANS/WP.29/2014/39 only applied to the 05 series of amendments to UN Regulation No. 49.

20. The expert from OICA presented GRPE-69-08 introducing a proposal (ECE/TRANS/WP.29/GRPE/2014/12 as amended by GRPE-69-07-Rev.1) for a new Supplement to UN Regulation No. 49 (i) harmonizing the provisions on On Board Diagnosis Threshold Limits (OTLs) with those of the EU, (ii) deleting the urea consumption motoring obligation as well as improving definitions, (iii) modifying the operating sequence definition for stop-start and hybrid vehicles and (iv) introducing an alternative service mode for LNG dual-fuel vehicles. GRPE adopted ECE/TRANS/WP.29/GRPE/2014/12 as amended by GRPE-69-30 (containing GRPE-69-07-Rev.1 as well as the correction proposed by the expert from NGV Global) and reproduced in Addendum 1 to this report. GRPE requested the secretariat to submit it to WP.29 and AC.1, for consideration at their November 2014 sessions as Supplement 8 to the 05 series of amendments to Regulation No. 49. The expert from the United Kingdom noted that the proposal didn't comply with the transitional provisions guidelines by WP.29 and would have to be amended at a later stage accordingly.

C. UN Global Technical Regulations (GTRs) Nos. 4 (World-wide harmonized Heavy Duty Certification procedure (WHDC)), 5 (World-Wide harmonized Heavy duty On-Board Diagnostic systems (WWH-OBD)) and 10 (Off-Cycle Emissions (OCE))

21. GRPE did not receive any new proposal to amend UN GTRs Nos. 4, 5 and 10.

VI. UN Regulations Nos. 85 (measurement of the net) and 115 (LPG and CNG retrofit systems) (agenda item 5)

22. GRPE did not receive any new proposal to amend UN Regulations Nos. 85 and 115. The Chair noted that the activities of the IWG on WLTP on the rated power determination of hybrid vehicles could have some implications on Regulation No. 85 and could be taken into account at a later stage.

VII. Agricultural and forestry tractors, non-road mobile machinery (agenda item 6)

A. UN Regulations Nos. 96 (diesel emission (agricultural tractors)) and 120 (net power of tractors and non-road mobile machinery)

Documentation: ECE/TRANS/WP.29/GRPE/2014/15

23. The expert from EUROMOT introduced ECE/TRANS/WP.29/GRPE/2014/15, a proposal to amend UN Regulation No. 96 aimed at allowing the engine manufacturers to obtain approvals also from Contracting Parties that apply more recent series of amendments, for engines that need to be marketed in countries applying previous series of amendments. He clarified that this proposal was harmonized with the provisions of UN Regulation No. 49.

24. GRPE adopted this proposal not amended and requested the secretariat to submit it to WP.29 and AC.1, for consideration at their November 2014 sessions as Supplement 1 to the 04 series of amendments to Regulation No. 96.

B. UN GTR No. 11 (Non-road mobile machinery engines)

25. There were no proposals to amend UN GTR No. 11.

VIII. Particle Measurement Programme (PMP) (agenda item 7)

Documentation: Informal documents GRPE-69-03, GRPE-69-23, GRPE-69-24 and GRPE-69-25

26. Recalling the submission of GRPE-65-20, WP.29-160-39, WP.29-161-22 and GRPE-68-10 on tyre and brake wear and vehicle indoor air quality, the expert from the Russian Federation introduced GRPE-69-03 with further test and research results. He underlined the evidence that tyre wear would contribute to air pollution not only with solid particulates but also with gaseous pollutants. He announced that, to address this issue, the standard GOST R 51206-2015 on cabin air filters and purifiers was under development.

27. The Chair of the IWG on PMP provided an overview of the latest activities of the IWG (GRPE-69-25) focusing (i) first on the exhaust emissions, in particular on the 23 nm cut-off size confirmation given the state of technology as well as the development of a robust procedure to measure particles down to 10 nm in case of future needs, (ii) then on the particle emissions during regeneration and the particle emissions from Non-Road Mobile Machinery. He reported that the Group had addressed (GRPE-69-24) the concerns expressed in GRPE-69-03 and proposed a possible road map on how to proceed further with the issue of particles from tyre and brake wear (GRPE-69-23).

28. GRPE acknowledged the information provided by the IWG and the Russian Federation, endorsed in principle the roadmap proposed and requested the secretariat to reserve a room for a meeting prior to the January 2015 GRPE session.

IX. Gaseous Fuelled Vehicles (GFV) (agenda item 8)

Documentation: Informal document GRPE-69-27

29. The Chair of the IWG on GFV reported on the work progress made by the Group (GRPE-69-27). He recalled the decision to develop a new UN Regulation for heavy duty dual fuel retrofit, he provided information on the recent development of this task by the IWG itself as well as the task force for the retrofit of heavy duty dual fuel and reporting that an informal document on the subject was expected for the January 2015 GRPE session. He expected that the official consideration by GRPE was scheduled for June 2015, and WP.29 consideration in November 2015. The Chair of the IWG concluded by requesting the secretariat to reserve a room for a brief meeting, during the January 2015 GRPE session.

30. GRPE acknowledged the progress made by the group.

X. Motorcycles and mopeds (agenda item 9)

A. Environmental and Propulsion Performance Requirements (EPPR) for L-category vehicles

Documentation: Informal document GRPE-69-29

31. Introducing GRPE-69-29, the Chair of the IWG on EPPR informed GRPE about recent meetings. He presented the structure of the upcoming proposal as well as the proposed road map, targeting the adoption of the proposal in 2016.

32. GRPE acknowledged the progress of the Group.

B. UN Regulations Nos. 40 (emission of gaseous pollutants by motor cycles) and 47 (emission of gaseous pollutants of mopeds)

33. GRPE did not receive any new proposal to amend UN Regulations Nos. 40 and 47.

C. UN GTR No. 2 (World-wide Motorcycle emissions Test Cycle (WMTC))

Documentation: Informal documents GRPE-69-02

34. The expert from the Netherlands introduced GRPE-69-02, proposing the introduction of reference fuels E5 (petrol) and B5 (diesel fuel) into UN GTR No. 2. The Chair noted that this would require an authorization to develop an amendment by AC.3. The expert from Japan commented that the current reference fuels should remain as an alternative. The Chair proposed to report about this matter at the June 2014 sessions of WP.29 and AC.3. The expert from the Netherlands volunteered to prepare a request for authorization to amend UN GTR No. 2.

XI. Electric Vehicles and the Environment (EVE) (agenda item 10)

Documentation: ECE/TRANS/WP.29/GRPE/2014/13
Informal documents GRPE-69-14-Rev.1 and GRPE-69-26

35. The Chair of the IWG on EVE introduced GRPE-69-26 on recent meetings. He provided information on the draft regulatory reference guide (ECE/TRANS/WP.29/GRPE/2014/13) and recommended its endorsement by GRPE. He reported that several minor changes had been suggested, but that the EVE leadership did not accept them. He presented GRPE-69-14-Rev.1 containing a proposal for a new mandate. GRPE endorsed the proposed Electric Vehicle Reference Guide, which would be submitted to WP.29 for consideration at its November 2014 session. Noting the concern raised by OICA about the wording "assuming that" as well as the position of the EC to be clarified at the June 2014 AC.3 session, GRPE welcomed in principle the proposal for the road map to develop a gtr by the EVE Group.

XII. Vehicle Propulsion System Definitions (VPSD) (agenda item 11)

36. The Chair of the IWG on VPSD informed GRPE about remaining open issues and discussion items. He reported that the Group had started a fundamental concept discussion e.g. about batteries to be considered as energy converter or energy storage. He added that the group planned to submit a proposal at the June 2015 session. The WLTP and EPPR Chairs commented that their groups were waiting for the outcome of VPSD.

37. GRPE acknowledged the progress made by the group and requested the secretariat to reserve a room for a meeting prior to the January 2015 GRPE session.

XIII. Fuel Quality (FQ) (agenda item 12)

Documentation: Informal document GRPE-68-16-Rev.1

38. The expert from OICA recalled the purpose of GRPE-68-16-Rev.1. She reported on ongoing discussions and an update at GRPE at its January 2015 session.

XIV. International Whole Vehicle Type Approval (IWVTA) (agenda item 13)

Documentation: Informal documents WP.29-162-12-Rev. 1, WP.29-162-18 and GRPE-69-21

39. The IWVTA Ambassador reported on the progress made by the IWG on IWVTA and the availability of the draft UN Regulation No. 0 (WP.29-162-04). He highlighted the ongoing discussion on the relevant content of lists A and B for UN Regulation No. 0, noting that UN Regulation No. 85 was in list A and that both UN Regulation No. 101 and WLTP were listed in List B. He echoed the comments made by the Chair on WLTP (see para. 10 above).

40. The secretariat also reported on the progress made on draft Revision 3 of the 1958 Agreement (ECE/TRANS/WP.29/2014/53) and referred to WP.29-162-12-Rev.1 as well as WP.29-162-18. He added that the draft Revision 3 of the Agreement included some new elements:

(a) Allowing Contracting Parties to grant type approvals according to former versions of UN Regulations;

(b) Triggering the mandatory application by Contracting Parties of new series of amendments to UN Regulations on a common commencement date (e.g. 1 September each year). These elements would permit to yearly collect into a single amendment to UN Regulation No. 0 all newly adopted amendments to existing UN Regulations and new UN Regulations;

41. The secretariat added that the Group was proposing to better follow the definitions of Supplements and series of amendments to ease the IWVTA process and that a set of amendments to a UN Regulation would only be permitted once a year. He concluded that guidelines for transitional provisions (ECE/TRANS/WP.29/1044/Rev.1) would be amended accordingly.

42. The GRPE Chair clarified that no further action was needed from GRPE at the moment.

XV. Vehicles Indoor Air Quality (VIAQ) (agenda item 14)

Documentation: Informal documents GRPE-69-03 and GRPE-69-28

43. The expert from the Russian Federation introduced GRPE-69-03 while discussing item 7 on Particulate Measurement Programme (see para. 26).

44. Recalling the submission of GRPE-66-03, WP.29-160-38, WP.29-161-12 and WP.29-162-16, the expert from South Korea introduced GRPE-69-28 on (i) the Korean VIAQ guideline that had proved to be effective, (ii) the standards applied in various countries and (iii) the need to harmonize internationally the VIAQ requirements. He concluded his presentation by proposing that GRPE develop a VIAQ guideline, as a first step. GRPE agreed to report on this matter at the June sessions of WP.29 and AC.3 and to further discuss a possible strategy to tackle this issue at its January 2015 session.

XVI. 1997 Agreement (periodical technical inspections): UN Rule No. 1 (environment protection) (agenda item 15)

45. GRPE did not receive any new proposal for amendments to UN Rule No. 1.

XVII. Exchange of information on emission requirements (agenda item 16)

A. Climate and Clean Air Coalition (CCAC) activities

Documentation: Informal document GRPE-69-19

46. The expert from Sweden presented GRPE-69-19, reporting on the CCAC activities. He informed GRPE that the Coalition was focusing on methane, black carbon and hydrofluorocarbons (HFCs) with the objective to address short-lived climate pollutants by raising awareness, enhancing new actions, mobilizing support and improving scientific understanding of short-lived climate pollutant impacts and mitigation strategies. He reported, in particular, on one of the ten initiatives of the coalition, the heavy-duty diesel initiative with the objective to virtually eliminate fine particles and black carbon emissions from new and existing heavy duty diesel vehicles and engines (including marine vessels) by

(i) steadily reducing sulphur in diesel fuel, (ii) establishing more stringent emission standards with interested nations and parties, (iii) cleaning up existing fleets, (iv) cleaning up ports and marine transport and (v) developing a global green freight initiative. GRPE commented that WP.29 was in a position to contribute to these objectives.

B. Other exchanges

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

XVIII. Election of Officers (agenda item 17)

48. In compliance with Rule 37 of the Rules of Procedures (TRANS/WP.29/690, Amends 1 and 2.) GRPE elected Mr. Christoph Albus (Germany) as Chair and Ms. Rashmi Urdhwareshi (India) as Vice-Chair to GRPE for the sessions of GRPE in the year 2015.

XIX. Other business (agenda item 18)

A. Definitions

Documentation: Informal document GRPE-69-09

49. The secretariat introduced GRPE-69-09 containing the definitions in UN Regulations under the responsibility of GRPE. He invited the experts to consult the document when issuing proposals with definitions, so that definitions remain harmonized. GRPE agreed to refer this document to the IWG on VPSD.

B. New vehicle categories

Documentation: Informal document GRPE-69-18

50. The secretariat introduced a draft proposal (GRPE-69-18) by GRE to introduce in the consolidated Resolution on the construction of vehicles (R.E.3) the following new vehicle categories: agricultural trailer and towed agricultural machinery. He reported that the GRE experts preferred to involve experts from other Working Parties subsidiary to WP.29 and requested the secretariat to circulate this first draft proposal. Comments may be submitted by email to the GRE secretary (GRE@unece.org)

C. Tributes

51. On behalf of GRPE, the GRPE Chair made a tribute to Mr. Shrikant Marathe (Vice-Chair of GRPE, India), Mr. Masahiko Sakai (JASIC), Mr. Juergen Stein (OICA) and Mr. Meinrad Signer (OICA), who would no longer attend GRPE sessions, acknowledging their considerable contributions to the activities of the group.

XX. Provisional agenda for the next session

A. Next GRPE session

52. The next GRPE session is scheduled to be held in Geneva, Palais des Nations,

starting on Monday, 12 January 2015, from 2.30 p.m. until Friday, 16 January 2015, at 12.30 p.m., subject to the confirmation by the secretariat (see GRPE-70-01). Interpretation would be provided from 13 January to 16 January 2015.

B. Provisional agenda for the next GRPE session proper

53. GRPE agreed on the following provisional agenda for its next session:
 1. Adoption of the agenda.
 2. Report of the last session of the World Forum for Harmonization of Vehicle Regulations (WP.29).
 3. Light vehicles:
 - (a) Worldwide harmonized Light vehicles Test Procedure (WLTP);
 - (b) Regulations Nos. 68 (measurement of the maximum speed, including electric vehicles), 83 (emissions of M₁ and N₁ vehicles), 101 (CO₂ emissions/fuel consumption) and 103 (replacement pollution control devices);
 - (c) GTR No. 15 on the Worldwide harmonized Light vehicles Test Procedure (WLTP).
 4. Heavy duty vehicles:
 - (a) Regulations Nos. 49 (emissions of compression ignition and positive ignition (LPG and CNG) engines) and 132 (Retrofit Emissions Control devices (REC));
 - (b) GTRs Nos. 4 (World-wide harmonized Heavy duty Certification procedure (WHDC)), 5 (World-Wide harmonized Heavy duty On-Board Diagnostic systems (WWH-OBD)) and 10 (Off-Cycle Emissions (OCE)).
 5. Regulations Nos. 85 (measurement of the net power), 115 (LPG and CNG retrofit systems) and 133 (recyclability of motor vehicles).
 6. Agricultural and forestry tractors, non-road mobile machinery:
 - (a) Regulations Nos. 96 (diesel emission (agricultural tractors)) and 120 (net power of tractors and non-road mobile machinery);
 - (b) GTR No. 11 (Non-road mobile machinery engines).
 7. Particle Measurement Programme (PMP).
 8. Gaseous Fuelled Vehicles (GFV).
 9. Motorcycles and mopeds:
 - (a) Environmental and Propulsion Performance Requirements (EPPR) for L-category vehicles;
 - (b) Regulations Nos. 40 (emission of gaseous pollutants by motor cycles) and 47 (emission of gaseous pollutants of mopeds);
 - (c) GTR No. 2 (World-wide Motorcycle emissions Test Cycle (WMTC)).
 10. Electric Vehicles and the Environment (EVE).
 11. Vehicle Propulsion System Definitions (VPSD).
 12. Fuel Quality (FQ).

13. International Whole Vehicle Type Approval (IWVTA).
14. Vehicles Indoor Air Quality (VIAQ).
15. 1997 Agreement (periodical technical inspections): UN Rule No. 1 (environment protection).
16. Exchange of information on emission requirements.
17. Other business.

C. Informal meetings in conjunction with the next GRPE session

54. The informal meetings:

<i>Date</i>	<i>Group</i>	<i>Acronym</i>	<i>Time</i>
Monday 12 January 2015	Electric Vehicles and the Environment	EVE	2.30 p.m. – 5.30 p.m.
Tuesday 13 January 2015	Gaseous Fuelled Vehicles	GFV	9.30 a.m. – 12.30 p.m.
	Environmental and Propulsion Performance Requirements of L-category vehicles	EPPR	9.30 a.m. – 12.30 p.m.
	Vehicle System Propulsion Definition	VPSD	2.30 p.m. – 5.30 p.m.
	Particle Measurement Programme	PMP	2.30 p.m. – 5.30 p.m.
Wednesday 14 January 2015	Worldwide harmonized Light vehicles Test Procedure	WLTP	9.30 a.m. – 12.30 p.m. 2.30 p.m. – 5.30 p.m.

55. The agendas of these meetings will be prepared by the respective secretaries and distributed to the members of each Group prior to each meeting.

Annex I

List of informal documents distributed without an official symbol

<i>GRPE-69-</i>	<i>Transmitted by</i>	<i>Title</i>	<i>Follow-up</i>
1-Rev.2	Secretariat	Updated provisional agenda (incl. informal documents distributed during the session)	A
2	The Netherlands	Proposal for amendment to Global Technical Regulation (GTR) No. 2	D
3	Russian Federation	Pollution of motor transport highways by particles from tire and road surface wear has a disastrous influence to human health	A
4-Rev.2	Secretariat	Informal working groups in conjunction with the 69th GRPE (proper) session: schedule and room reservation	A
5	Secretariat	General information	A
6	Secretariat	Highlights of the 162nd WP.29 session	A
7-Rev.1	OICA	Proposal for amendments to ECE/TRANS/WP.29/GRPE/2014/12	A
8	OICA	Background for the proposal for amendments to Regulation No. 49, Revision 6 (ECE/TRANS/WP.29/GRPE/2014/12)	A
9	Secretariat	Definitions in UN Regulations under the responsibility of GRPE	D
10	HDH	Draft amendment 3 to gtr 4 (complementary text to document ECE/TRANS/WP.29/GRPE/2014/11)	B
11	HDH	Technical report of the HDH work program	B
12	HDH	Report of the IWG to GRPE	A
13	OICA	Proposal for amendments to ECE/TRANS/WP.29/GRPE/2014/14	D
14-Rev.1	Canada, EU, China, Japan, USA	Authorization to conduct research and develop new regulations on environmental requirements for electric vehicles	B
15	The Netherlands	Proposal for amendments to the 07 series of amendments to Regulation No. 83	C
16	EC	Snapshot of progress in the development of the EU UNECE WLTP	A
17	EC	Transposition of WLTP into EU legislation	A
18	Secretariat	Proposal for amendments ECE/TRANS/WP.29/78/Rev.2 - Consolidated Resolution on the Construction of Vehicles (R.E.3)	D
19	Sweden	CCAC - Heavy-Duty Diesel Initiative	A
20	WLTP	Status report	A

<i>GRPE-69-</i>	<i>Transmitted by</i>	<i>Title</i>	<i>Follow-up</i>
21	IWVTA	Status report	A
22	HDH	Adopted amendments to GRPE-69-10 and GRPE-69-11	B
23	PMP	Non-exhaust particle emissions	A
24	PMP	Comments on GRPE-69-03	A
25	PMP	Status report	A
26	EVE	Status report	A
27	GFV	Status report	A
28	Korea	Vehicle Indoor Air Quality (VIAQ)	A
29	EPPR	Status report	A
30	OICA	Proposal for amendments to ECE/TRANS/WP.29/GRPE/2014/12	B

Notes:

- A Consideration by GRPE completed or to be superseded.
- B Adopted and submitted to WP.29.
- C Resume consideration on the basis of an official document.
- D Kept as reference document/continue consideration.

Annex II

[English only]

Informal meetings held in conjunction with the GRPE session

<i>Date</i>	<i>Time</i>	<i>Group</i>
2 June 2014	2.30 p.m. – 5.30 p.m.	Electric Vehicles and the Environment (EVE)
3 June 2014	9.30 a.m. – 12.30 p.m.	Heavy Duty Hybrids (HDH)
	2.00 p.m. – 4.00 p.m.	Gaseous Fuelled Vehicles (GFV)
4 June 2014	9.00 a.m. – 1.00 p.m.	Worldwide harmonized Light vehicles Test Procedure (WLTP)
	2.30 p.m. – 5.30 p.m.	Environmental and Propulsion Performance Requirements of L-category vehicles (EPPR)

Annex III

[English only]

List of GRPE informal working groups, task forces and subgroups

<i>Name (Acronym) (Status)</i>	<i>Chair or Co-chairs</i>	<i>Secretaries</i>	<i>End of mandate</i>
Environmental and Propulsion Performance Requirements of L-category vehicles (EPPR) (group)	Petter Åsman, petter.asman@trafikverket.se	Thomas Vercammen, t.vercammen@acem.eu	June 2016
Electric Vehicles and the Environment (EVE) (group)	Michael Olechiw, Olechiw.Michael@epamail.epa.gov Chen Chunmei (vice-Chair), chencm@miit.gov.cn Kazuyuki Narusawa (vice-Chair), narusawa@ntsel.go.jp	Stéphane Couroux, stephane.couroux@ec.gc.ca	November 2014
Gaseous Fuelled Vehicles (GFV) (group)	André Rijnders, arijnders@rdw.nl	Jeffrey Seisler, jseisler@cleanfuelsconsulting.org Salvatore Piccolo, s.piccolo@federchimica.it	June 2016
Heavy Duty Dual-Fuel Task Force (HDDV TF) (task force)	Jean-François Renaudin, jean-francois.renaudin@volvo.com Henk Dekker, henk.j.dekker@tno.nl	Jeffrey Seisler, jseisler@cleanfuelsconsulting.org	
Liquefied Natural Gas Task Force (LNG TF) (task force)	Paul Dijkhof, Paul.Dijkhof@kiwa.nl	Jeffrey Seisler, jseisler@cleanfuelsconsulting.org Jaime Del Alamo, jaime.alamo@ngvaeurope.eu	
Particle Measurement Programme (PMP) (group)	Giorgio Martini, giorgio.martini@jrc.ec.europa.eu	Caroline Hosier, chosier@ford.com	June 2017
Vehicle Propulsion System Definitions (VPSD) (group)	Christoph Albus, christoph.albus@bmvbs.bund.de	Daniela Leveratto, dleveratto@oica.net	June 2015
Worldwide harmonized Light vehicles Test Procedure (WLTP) (group)	Stephan Redmann, stephan.redmann@bmvbs.bund.de Kazuki Kobayashi (Vice-Chair), ka-koba@shinsa.ntsel.go.jp	Noriyuki Ichikawa (co-Technical Secretary), noriyuki_ichikawa@mail.toyota.co.jp Konrad Kolesa (co-Technical Secretary), konrad.kolesa@audi.de	June 2016