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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on General Safety Provisions

**REPORT OF THE WORKING PARTY ON GENERAL SAFETY PROVISIONS  
ON ITS NINETY-FOURTH SESSION  
(Geneva, 21 to 25 April 2008)**

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## **I. ATTENDANCE**

1. The Working Party on General Safety Provisions (GRSG) held its ninety-fourth session from 21 (afternoon) to 25 (morning only) April 2008 in Geneva, under the chairmanship of Mr. A. Erario (Italy). 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): Belgium; Canada; Czech Republic; Finland; France; Germany; Hungary; India; Italy; Japan; Luxembourg; Netherlands; Norway; People's Republic of China; Poland; Republic of Korea; Russian Federation; South Africa; Spain; Sweden; Switzerland; Thailand; United Kingdom of Great Britain and Northern Ireland; United States of America. Representatives of the European Commission (EC) also participated. Experts from the following non-governmental organizations participated: European Association of Automobile Suppliers (CLEPA); International Motorcycle Manufacturers Association (IMMA); International Organization of Motor Vehicle Manufacturers (OICA) and International Road Transport Union (IRU). Upon the special invitation of the Chairman, experts from the Comité de Liaison des Constructeurs de Carosseries et Remorques (CLCCR) and from the Vehicle Event Recording based on Intelligent Crash Assessment (VERONICA) project participated.

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

## **II. ADOPTION OF THE AGENDA (Agenda item 1)**

3. GRSG considered and adopted the agenda proposed for the ninety-fourth session (ECE/TRANS/WP.29/GRSG/2008/1).

## **III. REGULATION No. 66 (Strength of superstructure) (Agenda item 2)**

Documentation: Informal documents Nos. GRSG-94-03, GRSG-94-18 and GRSG-94-27

4. The Chairman of the informal group on Regulation No. 66 reported on its fifth meeting, held in Madrid, on 17 and 18 January 2008 (GRSG-94-03). The group is expected to submit to the next GRSG a proposal for amendments to Regulation No. 66 at the next session. GRSG noted that the informal group would hold its next meeting in Warsaw, on 17 and 18 June 2008.

5. GRSG noted the Russian position regarding type approvals granted at the request of the manufacturers (GRSG-94-18). A more general discussion of this topic was considered under agenda item 19.2. (see para 44 below). Document GRSG-94-27 was withdrawn.

## **IV. REGULATION No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles) (Agenda item 3)**

### **A. Proposals for further amendments (Agenda item 3 (a))**

Documentation: ECE/TRANS/WP.29/GRSG/2008/2, ECE/TRANS/WP.29/GRSG/2008/9, ECE/TRANS/WP.29/2008/10 and Corr.1, informal document No. GRSG-94-16/Rev.1 and GRSG-94-26

6. GRSG considered a proposal for clarification of the definitions of classes of vehicles (ECE/TRANS/WP.29/GRSG/2008/2 and GRSG-94-16/Rev.1). No agreement could be reached and several experts were of the opinion that the definitions should first be established in the draft Horizontal Regulation. It was recalled that GRSP had requested the clarification of the definition of Class II vehicles, mainly for the fitting of safety belts on this Class. It was generally accepted that Class II vehicles were vehicles derived from Class III vehicles, in which the transport of standing passengers were allowed in a limited number of places. The Chairman requested the experts to transmit alternative proposals for their consideration at the next session. GRSG-94-16/Rev.1 should be kept as a reference document.

7. GRSG considered document ECE/TRANS/WP.29/GRSG/2008/9 and adopted the proposal, amended as reproduced below:

Annex 3, paragraph 7.5.2.3., amend to read:

"7.5.2.3. Every electrical circuit feeding an item of equipment other than the starter, the ignition circuit (positive ignition), the glow-plugs, the engine-stopping device, the charging circuit and the battery earth connection shall include a fuse or a circuit breaker. Circuits feeding other equipments may, however, be protected by a common fuse or a common circuit-breaker, provided that **their sum rated capacity does not exceed the capacity of a fuse or of a circuit-breaker. In the case of multiplexing**, the manufacturer shall give all the relevant technical information at the request of the technical service responsible for conducting the tests."

8. GRSG requested the secretariat to submit the proposal to WP.29 and AC.1, for consideration at their November 2008 sessions, as proposal for Supplement 3 to the 02 series of amendments to Regulation No. 107.

9. GRSG considered and adopted documents ECE/TRANS/WP.29/2008/10 and Corr.1 with the amendments reproduced below. The expert from IRU informed GRSG of an ongoing study by his organisation on weight of persons and baggage and announced a presentation for the next session.

Paragraphs 3.3.1.1., replace "15 mm" by "10 mm" and "25 mm" by "12 mm".

10. GRSG requested the secretariat to submit the amended proposal to WP.29 and AC.1 for consideration at their November sessions, as part of the proposal for Supplement 3 to the 02 series of amendments to Regulation No. 107 (see paras 7 and 8 above).

11. GRSG considered GRSG-94-26 and agreed to continue its consideration at its next session, requesting the secretariat to distribute it with an official symbol.

**B. Laminated safety glazing (Agenda item 3 (b))**

12. GRSG took note that this agenda item was linked to agenda item 3(e).

**C. Fire safety in buses (Agenda item 3 (c))**

Documentation: ECE/TRANS/WP.29/GRSG/2007/20; informal document No. GRSG 94-04

13. GRSG experts considered the proposals and made some comments regarding the compartment for additional heating devices, flammable fluids, smoke detectors, ignition temperature, and on the need to include transitional provisions. The expert from Germany volunteered to transmit a new proposal for the next session, taking into account all the comments.

**D. Frontal collision of buses (Agenda item 3 (d))**

Documentation: ECE/TRANS/WP.29/GRSG/2007/33, informal documents Nos. GRSG-94-06 and GRSG-94-29

14. GRSG considered the proposal for a new Regulation concerning the protection of the driver and crew members in the case of a frontal collision (ECE/TRANS/WP.29/GRSG/2007/33) as well as the general comments to this proposal by the expert from Hungary (GRSG-94-06). Several experts questioned the exclusion from the scope of the low floor vehicles, while other requested the inclusion of Class I vehicles. Some experts raised concerns about the value of the impact energy, the protection of safety devices (i.e. braking, steering, ...), cost/benefit analysis, and the possibility of developing the draft Regulation in two steps. The GRSG Chairman requested the experts to submit written alternative proposals to the text of the draft Regulation. GRSG agreed to continue consideration of the proposal at its next session.

15. GRSG followed with interest a presentation given by the expert from the United States of America of a frontal coach crash test (GRSG-94-29). He informed GRSG experts that additional information was available at the NHTSA website indicated in the presentation.

**E. Requirements for service doors, windows and emergency exits (Agenda item 3 (e))**

Documentation: ECE/TRANS/WP.29/GRSG/2008/8, informal document No. GRSG-94-02

16. GRSG adopted ECE/TRANS/WP.29/GRSG/2008/8, amended as indicated below, and requested the secretariat to submit it to WP.29 and AC.1 as part of the proposal for Supplement 3 to the 02 series of amendments to Regulation No. 107 (see paras 7, 8 and 10 above).

" ..... Alternatively, the control referred to in paragraph 7.6.7.2., for opening a power-operated door may be placed according to paragraph 7.6.5.1.2."

17. The expert from the European Commission (EC) introduced GRSG-94-02. He announced a formal proposal for a further session covering all aspects related to service doors, windows and emergency exits, including the use of laminated safety glazing to avoid passenger's ejection in the case of rollover. The expert from the Russian Federation reminded that he had requested the former GRSG secretary to distribute the second part of GRSG-92-10 with an official symbol for consideration by GRSG. The secretariat was requested to distribute it for consideration at the next session.

**F. Provisions for the driver's workplace (Agenda item 3 (f))**

Documentation: ECE/TRANS/WP.29/GRSG/2006/10,  
ECE/TRANS/WP.29/GRSG/2007/8/Rev.1

18. GRSG had a general exchange of views on the proposal of ECE/TRANS/WP.29/GRSG/2007/8/Rev.1 and agreed that the expert from France revise it. For this purpose, experts were required to send to this expert written comments and alternative proposals. GRSG agreed to discontinue consideration of ECE/TRANS/WP.29/GRSG/2006/10.

**V. REGULATION No. 118 (Burning behaviour of materials) (Agenda item 4)**

Documentation: Informal documents Nos. GRSG-94-14, GRSG-94-17 and GRSG-94-33

19. The expert from Norway gave a presentation on a research conducted in Norway and Sweden regarding the burning behaviour of materials used in the construction of buses and coaches (GRSG-94-33). He introduced GRSG-94-14 and GRSG-94-17 containing a proposal for amending Regulation No. 118 and its justification. He announced for the October 2008 session another informal document updating the proposal to amend the Regulation. It was recommended to take into account a United States of America research on this subject as well as to consider the issue of fire risk and burning behaviour of material under a general point of view covering fire detection, extinction, passenger's evacuation, propagation of the flame, replacement of material on vehicles in use and fire barriers.

**VI. REGULATION No. 34 (Fire risks) (Agenda item 5)**

Documentation: Informal document No. GRSG-94-20/Rev.1 and GRSG-94-21

20. GRSG considered a proposal for type approval of fuel tanks as separate technical unit (GRSG-94-20/Rev.1). GRSG requested the secretariat to distribute GRSG-94-20/Rev.1 with an official symbol for consideration at its next session and to keep the consolidated version of the Regulation (GRSG-94-21) as a reference document.

**VII. REGULATION No. 46 (Devices for indirect vision) (Agenda item 6)**

Documentation: ECE/TRANS/WP.29/GRSG/2008/3; ECE/TRANS/WP.29/GRSG/2008/6, ECE/TRANS/WP.29/GRSG/2008/12, ECE/TRANS/WP.29/GRSG/2008/14, informal documents Nos. GRSG-94-24, GRSG-94-25, GRSG-94-28 and GRSG-94-31

21. GRSG considered ECE/TRANS/WP.29/GRSG/2008/3 and GRSG-94-25. Some experts were of the opinion that such prescriptions should be included in an ISO standard rather than in the text of the Regulation. GRSG agreed to consider this matter at its next session.

22. GRSG adopted ECE/TRANS/WP.29/GRSG/2008/6, amended with the deletion of the proposed correction to paragraph 15.1.4. GRSG requested the secretariat to submit it to WP.29 and AC.1 as proposal for Corrigendum 2 to the 02 series of amendments to Regulation No. 46 at its November 2008 session. Document GRSG-94-31 was withdrawn.

23. GRSG adopted the proposal of ECE/TRANS/WP.29/GRSG/2008/12, not amended. GRSG requested the secretariat to submit it to WP.29 and AC.1 as a proposal for Supplement 4 to the 02 series of amendments to Regulation No. 46 for consideration at their November 2008 sessions.

24. GRSG adopted ECE/TRANS/WP.29/GRSG/2008/14, amended as reproduced below. The secretariat was requested to submit it to WP.29 and AC.1 as part of the proposal for Supplement 4 to the 02 series of amendments to Regulation No. 46 (see para 23 above)

Paragraph 6.1.3.1., amend the proposal to read: " .. Mirrors in Classes I to VI and Class VII ..."

Paragraph 6.13.2.3.1., third line, correct "closet" to read "closest"

The suggested amendment to paragraphs 6.1.3.3.1. and 15.2.1.1.1. should be disregarded.

Annex 4, the Appendix to the type-approval communication form, item 2, amend to read: "... V, VI, VII, S) 2/"

25. GRSG considered GRSG-94-24. The expert from France and Netherlands suggested developing standard requirements in an ISO standard before incorporating them into the Regulation. It was a general agreement that these new technologies should be introduced into the Regulation with caution. GRSG requested the secretariat to distribute GRSG-94-24 with an official symbol for consideration at its next session.

26. GRSG also requested the secretariat to distribute GRSG-94-28 with an official symbol for consideration at its next session. The sign of the vertical coordinates corresponding to seat-back angles greater than 26° should be verified by the expert from the EC.

### **VIII. REGULATION No. 105 (ADR vehicles) (Agenda item 7)**

Documentation: ECE/TRANS/WP.29/GRSG/2008/11, informal document No. GRSG-94-30

27. GRSG adopted GRSG-94-30, which superseded ECE/TRANS/WP.29/GRSG/2008/11, as reproduced in Annex II to this report. GRSG requested the secretariat to submit it to WP.29 and AC.1 as proposal for Supplement 1 to the 04 series of amendments to Regulation No. 105 at its November 2008 session. It was also agreed that the expert from OICA would transmit it as an informal document to WP.15 for information. This expert will inform GRSG about the final text of the ADR adopted by WP.15 at its May 2008 session. If necessary, a proposal for a corrigendum to the text adopted by GRSG will be transmitted to GRSG at its October 2008 session.

### **IX. REGULATION No. 97 (Vehicle alarm system) (Agenda item 8)**

Documentation: ECE/TRANS/WP.29/GRSG/2008/5 and Corr. 1, informal document No. GRSG-94-23

28. As per Regulation No. 116 (see para 29 below), the expert from Japan agreed to revise and update his proposals.



**X. REGULATION No. 116 (Protection of motor vehicles against unauthorized use)  
(Agenda item 9)**

Documentation: ECE/TRANS/WP.29/GRSG/2008/4 and informal document No. GRSG-94-22

29. GRSG considered ECE/TRANS/WP.29/GRSG/2008/4 and GRSG-94-22 transmitted by the expert from Japan. Comments on references to the ISO standard and to the test pulse were made. The expert from Japan agreed to revise the references and to update the proposals for consideration at the next session, taking into account the comments of the experts.

**XI. REGULATION No. 125 (Forward field of vision of drivers) (Agenda item 10)**

Documentation: Informal document No. GRSG-94-15

30. The expert from Hungary introduced GRSG-94-15 containing information on the forward vision of bus drivers. The expert from India said that work was going on to propose amendments to the Regulation. The expert from Japan announced that he would inform GRSG about a research conducted in his country.

**XII. GLOBAL TECHNICAL REGULATIONS UNDER THE 1998 AGREEMENT  
(Agenda item 11)**

**A. Exchange of views on identification of controls, tell-tales and indicators  
(Agenda item 11 (a))**

31. GRSG took note that AC.3 had agreed to discontinue the development of this gtr (ECE/TRANS/WP.29/1064, para 85).

**B. Proposal to develop a gtr on motorcycle controls, tell-tales and indicators  
(Agenda item 11 (b))**

32. The expert from IMMA informed GRSG that the comparison study requested by AC.3 (ECE/TRANS/WP.29/1064, para 103) was not yet concluded and that he expected to finalize it on time for its consideration by GRSG at the October 2008 session. The GRSG Chairman announced his intention to report AC.3 at its June 2008 session.

**XIII. EVENTS DATA RECORDER (EDR) (Agenda item 12)**

Documentation: Informal document No. GRSG-94-32

33. GRSG followed with interest a presentation (GRSG-94-32) of the VERONICA project and noted that the conclusions of this project would be available in May 2009. The expert from Japan informed GRSG about the EDR situation in his country. GRSG agreed to put an end to the informal group in this area and to inform WP.29 about it.

**XIV. INCREASING FIRE RISK ON HEAVY-DUTY VEHICLES (Agenda item 13)**

Documentation: Informal document No. GRSG-94-12

34. The expert from the United Kingdom provided statistical data on fatal (3) and non-fatal (40) casualties collected in his country from fires in lorries for the year 2005 (GRSG-94-12). The 3 fatal casualties and 9 of the non-fatal casualties were linked to a crash collision. He stressed the lower number of casualties and injured in comparison with other kinds of accidents, and stated that for his government the avoidance of fatal and non-fatal casualties from fires was not a priority. The GRSG Chairman announced his intention to report to WP.29 that in order to decrease fire risk on heavy-duty vehicles, GRRF was working on Tyre Pressure Monitoring Systems (TPMS), while GRSG was working on detection of fires, as well as on electric wires and fuses on buses and coaches.

**XV. TRANSPORT AND SECURITY RELATED TO VEHICLES (Agenda item 14)**

Documentation: Informal document No. GRSG-94-19

35. The secretariat reminded GRSG about the request of the Inland Transport Committee to receive a report from its subsidiary bodies on transport and security activities (GRSG-94-19) and about the decision of WP.29 that the GRSG Chairman should transmit such a report (ECE/TTRANS/WP.29/1066, para 50). GRSG requested Mr. Wrobel, Chairman of the informal group on Advance Vehicle Security Systems, to prepare such a report, in close cooperation with the GRSG Chairman and the secretariat, for consideration and approval by GRSG at its October 2008 session. This report will be submitted to WP.29 for endorsement at its November 2008 session and, finally, transmitted to the Director of the Transport Division in November 2008.

**XVI. MARKING OF GTRS AND THEIR INTERACTION WITH THE MARKING OF UNECE REGULATIONS (Agenda item 15)**

Documentation: ECE/TRANS/W.P.29/GRSG/2007/32

36. GRSG took note that WP.29 had adopted ECE/TRANS/W.P.29/GRSG/2007/32 at its November 2007 session (ECE/TRANS/WP.29/1064 and Corr.1, para 58).

**XVII. REGULATION No. 110 (Specific components for compressed natural gases (CNG)) (Agenda item 16)**

Documentation: ECE/TRANS/WP.29/GRPE/2007/13

37. GRSG adopted ECE/TRANS/WP.29/GRPE/2007/13, with the amendments indicated below. The secretariat was requested to submit it to WP.29 and AC.1 for consideration at their November 2008 sessions as proposal for Supplement 8 to Regulation No. 110.

Through the text delete "or burst disc"

Paragraph 2.27., add at the end "(this device sometimes is referred to as "burst disc")".

38. GRSG suggested that the same amendments should be adopted for Regulation No. 115.

**XVIII. REGULATION No. 43 (Safety glazing) (Agenda item 17)**

Documentation: ECE/TRANS/WP.29/GRSG/2008/07, ECE/TRANS/WP.29/GRSG/2008/15, ECE/TRANS/W.P.29/GRSG/2008/16 and ECE/TRANS/W.P.29/GRSG/2008/17

39. GRSG adopted the proposals of ECE/TRANS/WP.29/GRSG/2008/7 and ECE/TRANS/WP.29/GRSG/2008/17, not amended. The secretariat was requested to submit them to WP.29 and AC.1 for consideration at their November 2008 sessions as proposal for Supplement 11 to Regulation No. 43.

40. GRSG considered the proposals of ECE/TRANS/WP.29/GRSG/2008/15 and ECE/TRANS/WP.29/GRSG/2008/16. The expert from Spain agreed to transmit revised proposals taking into account the comments received, including the drafting of transitional provisions.

41. GRSG had a preliminary exchange of views on how to transpose the provisions of global technical regulation (gtr) No. 6 (glazing materials) into Regulation No. 43. The secretariat suggested replacing the technical prescriptions of the Regulation by those of the gtr and that Contracting Parties to the 1958 Agreement applying Regulation No. 43 should decide about the scope and to keep, or to delete, the additional prescriptions of the Regulation that were not included in the gtr.

**XIX. REGULATION No. 122 (Heating systems of vehicles) (Agenda item 18)**

Documentation: ECE/TRANS/WP.29/GRSG/2008/13

42. GRSG adopted ECE/TRANS/WP.29/GRSG/2008/13, not amended. The secretariat was requested to submit it to WP.29 and AC.1 for consideration at their November 2008 sessions as proposal for Supplement 1 to Regulation No. 122. As per Regulation No. 105, a proposal for a corrigendum to the text adopted by GRSG will be submitted to GRSG at its October 2008 session, if necessary (see para 27 above).

**XX. OTHER BUSINESS (Agenda item 19)**

**A. Draft horizontal regulation on country codes, vehicle categories and definitions (Agenda item 19.1)**

Documentation: ECE/TRANS/WP.29/2008/46 and Corr.1, informal documents Nos. GRSG-94-05, GRSG-94-08, GRSG-94-09 and GRSG-93-10

43. GRSG took note of WP.29 decision to return the proposal for the draft horizontal regulation back to GRSG as well the informal documents, in order to consider all technical and legal questions of the draft (ECE/TRANS/WP.29/1066, para 39). GRSG agreed to consider all the documents at its next October 2008 session having also in mind the Vienna Convention. GRSG requested the secretary to distribute GRSG-94-05 and GRSG-94-09 with official symbols and to keep other informal documents as reference documents.

**B. General questions related to the scope of the UNECE Regulations (Agenda item 19.2)**

Documentation: Informal documents Nos. GRSG-94-07 and GRSG-94-11

44. GRSG considered GRSG-94-07 and GRSG-94-11 regarding the definition of the scope of the Regulations annexed to the 1958 Agreement. It was recalled the interpretation given by WP.29, following a request from the Office of Legal Affairs, that Contracting Parties to the 1958 Agreement were bound to recognize all approvals granted under such Regulations (ECE/TRANS/WP.29/1062, para 31). It was also recalled that Regulations annexed to this Agreement should be drafted taking into account such a principle. GRSG agreed to continue consideration of this question at its next session, based on the above-mentioned documents.

**C. Regulation No. 121 (Location and identification of hand controls, tell-tales and indicators) (Agenda item 19.3)**

Documentation: Informal documents Nos. GRSG-94-13.

45. GRSG experts followed with interest a presentation by Japan (GRSG-94-13) on a research of the range for operating hand controls. This expert informed GRSG that the national legislation on his country limits the maximum distance of hand controls to 500 mm from the centre of the steering wheel. This expert announced a proposal taking into account the information provided by other experts on this matter.

**D. Definition of non-road mobile machinery (Agenda item 19.4)**

46. GRSG took note of the WP.29 request to consider the introduction of a definition of non-road mobile machinery in the general framework of the 1958 Agreement (ECE/TRANS/WP.29/1066, para 26). Some experts were in favour of introducing such a definition in the Consolidated resolution on the Construction of Vehicles (R.E.3), other preferred to introduce it in the draft horizontal Regulation. It was noted that Regulation No. 96 included in its title this kind of vehicles. GRSG agreed to continue consideration of this question based on a proposal.

**XXI. AGENDA FOR THE NEXT SESSION**

47. GRSG agreed on the following provisional agenda for the ninety-fifth session to be held in Geneva from 21 (starting at 14.30h) to 24 (concluding at 12.30h) October 2008.

1. Adoption of the agenda
2. Regulation No. 66 (Strength of superstructure)
3. Regulation No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles):
  - 3 (a) Proposals for further amendments;
  - 3 (b) Laminated safety glazing;
  - 3 (c) Fire safety in buses;
  - 3 (d) Frontal collision of buses;
  - 3 (e) Requirements for service doors, windows and emergency exits;
  - 3 (f) Provisions for the driver's workplace.

4. Regulation No. 118 (Burning behaviour of materials)
5. Regulation No. 34 (Fire risks)
6. Regulation No. 43 (safety glazing)
7. Regulation No. 46 (Devices for indirect vision)
8. Regulation No. 105 (ADR vehicles)
9. Regulation No. 97 (Vehicle alarm systems (VAS))
10. Regulation No. 116 (Protection of motor vehicles against unauthorized use)
11. Regulation No. 121 (Hand controls, tell-tales and indicators)
12. Regulation No. 125 (Forward field of vision of drivers)
13. Draft Horizontal Regulation
14. Proposal to develop a draft gtr on motorcycle controls, tell-tales and indicators
15. Increasing fire risk on heavy-duty vehicles
16. Transport and security related to vehicles
17. General question related to the scope of the Regulations annexed to the 1958 Agreement
18. Definition of non-road mobile machinery
19. Other business

Annex I

LIST OF INFORMAL DOCUMENTS (GRSG-94-... )  
DISTRIBUTED WITHOUT AN OFFICIAL SYMBOL DURING THE SESSION

No.	Transmitted by	Agenda item	Language	Title	Follow-up
1	GRSG Chairman		E	Running order of the provisional agenda	(c)
2	EC	3(e)	E	Regulation No.107 - Proposal for amendments concerning emergency windows - (M2 and M3 vehicles)	(c)
3	Chairman of the informal Group	2.	E	Report of the IG/R.66 Meeting - (Madrid, 17-18 January 2008)	(c)
4	Germany	3(c)	E	Proposal for draft amendments to Regulation No. 107	(c)
5	Hungary	19.1	E	Amendment proposed to the draft Regulation on country codes, vehicle categories and definitions (ECE/TRANS/WP.29/2008/46)	(b)
6	Hungary	3(d)	E	Comments and proposals on the draft regulation on the protection of the driver and the crew (ECE/TRANS/WP.29/GRSG/2007/33)	(c)
7	Hungary	19.2	E	General questions related to the scope of UNECE Regulations	(e)
8	IMMA	19.1	E	IMMA POSITION ON DOCUMENT WP.29/2008/46 - DRAFT REGULATION ON COUNTRY CODES, VEHICLE CATEGORIES AND DEFINITIONS.	(e)
9	OICA	19.1	E	Draft regulation on country codes, vehicle categories and definitions	(b)

No.	Transmitted by	Agenda item	Language	Title	Follow-up
10	IMMA	19.1	E	IMMA position on the draft horizontal regulation	(e)
11	Hungary	19.2	E	General question related to the scopes of ECE Regulations	(a)
12	United Kingdom	13.	E	Increasing Fire Risk on Heavy Duty Vehicles	(c)
13	Japan	19..3	E	Investigation of available range for operating hand controls	(c)
14	Norway and Sweden	4.	E	Proposal for draft amendments to Regulation No. 118 - Uniform technical description concerning the burning behaviour of materials used in the interior construction of certain categories of motor vehicles	(c)
15	Hungary	10.	E	Information on the forward vision of bus drivers - (Regulation No.125)	(c)
16 and Rev.1	Hungary	3(a)	E	Definitions of buses - Comments to the German proposal - (ECE/TRANS/WP.29/GRSG/2008/2)	(e)
17	Norway and Sweden	4.	E	Proposal for bus fire safety improvement - summary of justification to proposed draft amendments to Regulation No. 118	(c)
18	Russian Federation	3	E	Document ECE/TRANS/WP.29/GRSG/2007/2 submitted by GRSG contains clarification for the scope of Regulation No. 66 (R66)	(c)
19	Secretariat	19.2	E	Transport and security	(c)

No.	Transmitted by	Agenda item	Language	Title	Follow-up
20/ Rev 1	OICA	5.	E	Proposal for draft amendments to Regulation No. 34	(b)
21	OICA	5.	E	Proposal for draft amendments to Regulation No. 34	(a)
22	Japan	9.	E	Corrigendum to ECE/TRANS/WP.29/GRSG/2008/4	(c)
23	Japan	8.	E	Corrigendum for ECE/TRANS/WP.29/GRSG/2008/5	(c)
24	Germany	6.	E	Proposal for draft amendments to Regulation No. 46 (Devices for indirect vision)	(b)
25	Germany	6.	E	Comments to working document ECE/TRANS/WP.29/GRSG/2008/3 for changing the existing requirements and measurement procedures for camera-monitor systems in Regulation N° 46 (Devices for indirect vision)	(c)
26	Spain	3(a)		Proposal for draft amendment Regulation no. 107 (M2 and M3 vehicles)	(c)
27	Spain	2.	E	About the amendment proposal to Regulation No. 66	(c)
28	EC	6.	E	Proposal for draft amendments to the 02 series of amendments to Regulation No. 46 (Devices for indirect vision)	(b)
29	USA	3(d)	E	Motor coach tests	(c)
30	OICA	7.	E	Proposal for draft amendments to Regulation No. 105	(d)



No.	Transmitted by	Agenda item	Language	Title	Follow- up
31.	Netherlands	6.	E	Proposal for draft amendments to Regulation No. 46	(c)
32.	Veronica	12	E	The Veronica projects	(c)
33.	Norway	4	E	Proposal for fire safety improvements of bus interiors	(c)

Notes:

- (a) Continue consideration at the next GRSG session as an informal document.
- (b) Continue consideration at the next GRSG session as an official document.
- (c) Consideration completed or to be superseded.
- (d) Adopted and to be submitted to WP.29.
- (e) Reference document for further sessions.

Annex II

AMENDMENT PROPOSAL TO REGULATION No. 105  
(ADR vehicles)

Proposal for Supplement 1 to the 04 series of amendments  
(see para. 27 of this report)

Paragraph 1., amend to read:

"1. The provisions of this Regulation apply to the construction of base vehicles of motor vehicles of category N and their trailers of **category O**, intended for the transport ..."

[Paragraph 3.2.2., amend to read:

"3.2.2. Vehicle designation, according to Paragraph 9.1.1.2 of the ADR (EX/II, EX/III, AT, FL, OX, **MEMU**);"

Paragraph 4.4.3., add a new sentence, to read:

"4.4.3. An additional symbol separated from the approval number and consisting of the symbol identifying the vehicle designation in accordance with paragraph 9.1.1.2. of the ADR. **In the case of MEMU vehicles, the identifying symbol may be "EX/III".** "

Paragraph 5.1., amend to read:

"5.1. Vehicles shall, depending on the vehicle designation, comply with the provisions below as assigned in the table overleaf.<sup>(1)</sup>

**For the purpose of this Regulation, MEMU vehicles shall comply with the requirements applicable to EX/III vehicles.**

**Vehicles approved as being in compliance with the requirements applicable to EX/III under this Regulation, as amended by the 04 series of amendments, shall be deemed to comply with the requirements applicable to MEMU vehicles."**

Paragraph 5.1.1.6.3., amend to read:

" ... accidental disconnection. Examples of appropriate connections are given in ISO 12098:**2004** and ISO 7638:**1997**."

Paragraph 5.1.2.4., amend to read:

" ... to the load through heating or ignition. In the case of EX/II, EX/III and **MEMU** vehicles the engine shall be of compression-ignition construction."

Paragraph 5.1.2.5., amend to read:

" ... The exhaust system of EX/II, EX/III and **MEMU** vehicles shall be so constructed and situated ..."

Paragraph 5.1.3.1., amend to read:

"5.1.3.1. EX/III, AT, FL, OX and **MEMU** vehicles shall fulfil all ..." ]

### Annex 1

Item 2., amend to read:

"2. Vehicle category: N<sub>1</sub>, N<sub>2</sub>, N<sub>3</sub>, **O<sub>1</sub>**, O<sub>2</sub>, O<sub>3</sub>, or O<sub>4</sub>: .....  
(chassis-cab, tractor for semi-trailer, trailer-chassis, trailer with a self-supporting body 2/)."

[Item 4., amend to read:

"4. Vehicle designation (EX/II, EX/III, FL, OX, AT, **MEMU**):" ]

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Note by the secretariat: GRSG agreed that WP.29 would decide about the deletion of the square brackets.

Annex III

INFORMAL GROUPS OF GRSG

<u>Informal group</u>	<u>Chairman</u>	<u>Secretary</u>
Safety of wheelchair users in vehicles (SWUV)	Mr. D. Macdonald (United Kingdom) Tel: +44 207 944 4923 Fax: +44 207 944 6102 E-mail: donald.macdonald@dft.gsi.gov.uk	Mr. J. Hand (United Kingdom) Tel: +44 207 944 8034 Fax: +44 207 944 6102 E-mail: jim.hand@dft.gsi.gov.uk
Strength of bus superstructures	Mr. M. Matolcsy (Hungary) Tel: +36 1 202 0656 Fax: +36 1 202 0252 E-mail: m-matolcsy@mail.datanet.hu	
Advanced Vehicle Security System (AVSS)	Mr. F. Wrobel (Germany) Tel: +49 461 316 2024 Fax: +49 461 316 1741 E-mail: frank.wrobel@kba.de	

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