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World Forum for Harmonization of Vehicle Regulations

REPORTS OF THE

**WORLD FORUM FOR HARMONIZATION OF VEHICLE REGULATIONS
ON ITS 144TH SESSION
(11-14 March 2008)**

**ADMINISTRATIVE COMMITTEE OF THE 1958 AGREEMENT
ON ITS THIRTY-EIGHTH SESSION (13 March 2008), AND**

**EXECUTIVE COMMITTEE OF 1998 AGREEMENT
ON ITS TWENTY-SECOND SESSION (13 and 14 March 2008)**

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A. REPORT OF THE WORLD FORUM FOR HARMONIZATION OF VEHICLE REGULATIONS ON ITS ONE-HUNDRED-AND-FORTY-FOURTH SESSION

I. ATTENDANCE

1. The World Forum for Harmonization of Vehicle Regulations (WP.29) held its one-hundred-and-forty-fourth session from 11-14 March 2008 under the chairmanship of Mr. B. Kisulenko (Russian Federation). The following countries were represented, following Rule 1(a) of the Rules of Procedure of WP.29 (TRANS/WP.29/690): Australia; Belgium; Canada; Croatia; Czech Republic; Estonia; Finland; France; Germany; Greece; Hungary; India; Indonesia; Italy; Japan; Latvia; Luxembourg; Malaysia; Norway; People's Republic of China; Poland; Republic of Korea; Republic of South Africa; Romania; Russian Federation; Slovakia; Slovenia; Spain; Sweden; Switzerland; Turkey; Ukraine; United Kingdom of Great Britain and Northern Ireland; United States of America. Representatives of the European Community (EC) and the Council of the European Union participated. The following inter-governmental organization was represented: International Energy Agency (IEA). The following non-governmental organizations were also represented: International Organization for Standardization (ISO); International Organization of Motor Vehicle Manufacturers (OICA); International Motorcycle Manufacturers Association (IMMA); European Association of Automotive Suppliers (CLEPA) ^{1/}; International Road Federation (IRF); Working Party "Brussels 1952" (GTB); Consumers International (CI); the Foundation for the Automobile and Society (FIA Foundation); Association for Emissions Control by Catalyst (AECC). At the invitation of the secretariat, the Standardization Organization for the Cooperative Council for the Arab States of the Gulf (GSO); the European Tyre and Rim Technical Organization (ETRTO) and the Federation of European Manufacturers of Friction Materials (FEMFM) also participated.

II. OPENING AND STATEMENTS MADE DURING THE SESSION

2. Ms. Eva Molnar, Director of the UNECE Transport Division, opened the session and welcomed the participants, especially the Standardization Organization for the Cooperation Council of the Arab States of the Gulf (GSO) representing United Arab Emirates, Bahrain, Saudi Arabia, Oman, Qatar and Kuwait, participating for the first time in WP.29. She invited these countries to consider acceding to the 1958 and 1998 Agreements, giving them the possibility to participate in the elaboration of vehicle regulations and take advantage from the mutual recognition of approvals granted, in the case of the 1958 Agreement.

3. Ms. Molnar encouraged the World Forum to continue its efforts to explore the possibility of developing a gtr for a light vehicles emission test procedure, including CO₂, in order to contribute to the global effort to address global warming. She informed the World Forum that the secretariat initiated a project on road transport impact on the global warming but it could not obtain the internal financial support necessary to its development. She invited the delegates to study the possibilities of sponsoring such project by external funds. She informed the World

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

Forum on the main events and decisions of the seventieth session of the Inland Transport Committee (ITC). She underlined the need that the representatives of the World Forum take a more active part in the work of the ITC, in order to ensure the correct appreciation of the activity of the World Forum. Ms. Molnar encouraged WP.29 to adopt the regulations and amendments listed in the agenda and to resolve the pending questions of the draft global technical regulation on electronic stability control systems, which could contribute to increase vehicle safety.

The Chairman of the World Forum welcomed Mr. B. Dutt, the Secretary to the Government of India, who came to attend the session.

III. ADOPTION OF THE AGENDA (Agenda item 1)

4. The provisional agenda (ECE/TRANS/WP.29/1065 and Add.1) was adopted by the World Forum with the modifications noted below:

(i) Additional agenda items:

8.4. General question related to the scope of UNECE Regulations

8.5. Corrections to the transitional provisions for the 04 series of amendments to Regulation No. 48

8.6. Transport security

8.7. Proposal for amendments to the Terms of Reference and rules of procedure of the World Forum

17.1. Electronic stability control (ESC) systems for light vehicles

18.11. Head restraints

(ii) Deferred item:

14.1. Proposal for a draft global technical regulation on pedestrian safety

For the explanation, see paragraph 7. below.

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

IV. COORDINATION AND ORGANIZATION OF WORK (Agenda item 2)

A. Report of the Administrative Committee for the Coordination of Work (WP.29/AC.2)

6. The ninety-sixth session of WP.29/AC.2, considering the coordination and organization of work of the World Forum, was held on 11 March 2008 under the Chairmanship of

Mr. B. Gauvin (France) and was attended by Canada; the European Community (EC); France; Germany; Italy; Japan; Russian Federation; United Kingdom and United States of America.

7. WP.29/AC.2 considered the provisional agenda of the current session of the World Forum (ECE/TRANS/WP.29/1065) and recommended the modifications mentioned in paragraph 4 above. Regarding item 14.1. (draft gtr on pedestrian safety), the EC representative confirmed that the internal procedures, necessary for formal adoption, were still in process.

8. WP.29/AC.2 recommended that the Administrative Committee (AC.4) of the 1997 Agreement should not meet during the current session.

9. WP.29/AC.2 reviewed the proposal by the secretariat for the agenda of the 145th session of the World Forum, to be held in Geneva from 24 to 27 June 2008. Twelve amendments to existing Regulations, two draft gtr and an amendment to gtrs No. 3 will be considered at that session.

10. The World Forum adopted the report of WP.29/AC.2 on its ninety-sixth session and its recommendations.

B. Programme of work and documentation

Documentation: ECE/TRANS/WP.29/2008/1; ECE/TRANS/WP.29/2008/57; informal document No. WP.29-144-21

11. The World Forum took note of the programme of work (ECE/TRANS/WP.29/2008/1). It was agreed: to add under item 4.1.1. the reference to "Regulation No. 124 (Replacement wheels); to remove under item 4.5. the reference to "Electronically controlled stability enhancement systems" and to include instead "Replacement Discs and Drums". The World Forum adopted an updated version of the Guidelines for the Preparation and Submission of Documents to WP.29 and to its Subsidiary Bodies (ECE/TRANS/WP.29/2008/57). The secretariat was requested to place it on the WP.29 website. The World Forum noted that 36 informal groups (WP.29-144-21) were listed under WP.29 and its Working Parties. The Working Parties were requested to review the activities of the informal groups. For the establishment of future informal groups, it was agreed to indicate, in their terms of reference, a time limited mandate.

C. Intelligent Transport Systems

12. With regard to the seventh Intelligent Transport Systems (ITS) European Congress, the World Forum acknowledged that a special session, entitled 'Vehicle regulations – can they help ITS deployment?', would be dedicated to WP.29 activities. This special session, scheduled to be held in Geneva on 4 June 2008 (4 p.m. until 5.30 p.m.), will be chaired by the GRRF Chairman (Mr. I. Yarnold). The World Forum acknowledged that the keynote speech would be delivered by the Director of the UNECE Transport Division. OICA already confirmed its contribution, while others from the EC, CLEPA and other delegations were expected. The World Forum invited its representatives to attend the session. Mr. Yarnold will report on the outcome of this event at the June 2008 session of the World Forum.

D. Matters arising from the seventieth session of the Inland Transport Committee

13. The World Forum noted that the three reports of its sessions held in 2007 were endorsed by ITC (see ECE/TRANS/200, paras. 79-85). For further information, see the ITC report.

V. CONSIDERATION OF THE REPORTS OF THE WORKING PARTIES, SUBSIDIARY TO WP.29 (Agenda item 3)

**A. Working Party on Noise (GRB)
(Forty-sixth session, 3-5 September 2007)**

Documentation: ECE/TRANS/WP.29/GRB/44

14. WP.29 recalled the oral report of the secretariat on behalf of the GRB Chairperson, given during the 143rd session (ECE/TRANS/WP.29/1064, paras. 23-26), and approved the report.

**B. Working Party on Braking and Running Gear (GRRF)
(Sixty-second session, 25-28 September 2007)**

Documentation: ECE/TRANS/WP.29/GRRF/62

15. WP.29 recalled the oral report of the GRRF Chairman, given during the 143rd session (ECE/TRANS/WP.29/1064, paras. 27-30), and approved the report.

**C. Working Party on Lighting and Light-Signalling (GRE)
(Fifty-eighth session, 1-5 October 2007)**

Documentation: ECE/TRANS/WP.29/GRE/58

16. WP.29 recalled the oral report of the GRE Chairperson, given during the 143rd session (ECE/TRANS/WP.29/1064, paras. 31-34), and approved the report.

**D. Working Party on General Safety Provisions (GRSG)
(Ninety-third session, 23-26 October 2007)**

Documentation: ECE/TRANS/WP.29/GRSG/72

17. WP.29 recalled the oral report of the GRSG Chairman, given during the 143rd session (ECE/TRANS/WP.29/1064, paras. 35-41), and approved the report.

E. Highlights of the recent sessions

**1. Working Party on Passive Safety (GRSP)
(Forty-second session, 11-14 December 2007)**

18. On behalf of the GRSP Chairperson, the representative of the United States of America informed the World Forum about the results achieved by GRSP during its forty-second session (for more details, see the report of the session ECE/TRANS/WP.29/GRSP/42).

19. She also informed the World Forum that GRSP had agreed to recommend for adoption by AC.3 the draft gtr on head restraints.

20. She reported that GRSP had also recommended establishing a new informal group to amend Regulation No. 94 (Frontal impact) by changing the type of deformable barrier element and revising the testing procedures. The World Forum gave its consent to set up the informal group.

21. The World Forum noted that Mrs. S. Meyerson (United States of America) had been re-elected as Chairperson for the GRSP sessions scheduled for the year 2008.

**2. Working Party on Pollution and Energy (GRPE)
(Fifty-fifth session, 15-18 January 2008)**

22. The GRPE Chairman, Mr. Gauvin (France), reported on the results achieved by GRPE during its fifty-fifth session (for details see report of the session ECE/TRANS/WP.29/GRPE/55).

23. He informed the World Forum about the results of the first meeting of the informal group on Fuel Quality and invited all participants to define, at the forthcoming informal group meeting in June 2008, their position and to submit concrete proposals.

**3. Working Party on Brakes and Running Gear (GRRF)
(Sixty-third session, 4-8 February 2008)**

24. The GRRF Chairman, Mr. Yarnold (United Kingdom), informed the World Forum about the results achieved by GRRF during its sixty-third session (for more details see the report of the session ECE/TRANS/WP.29/GRRF/63 and Add.1).

25. With regard to the draft gtr on Electronic Stability Control (ESC), he reported that GRRF had solved a large number of open questions and had recommended the establishment by vote of the draft gtr into the Global Registry at its June 2008 session, handing over the remaining issues to AC.3 for policy decision at the March 2008 session. With regard to the insertion of ESC requirements into Regulation No. 13-H, the World Forum agreed with the Chairman's proposal to amend, in the transitional provisions, "30 months" to read "1 November 2011". The representative of OICA agreed to this approach provided the technical requirements in Regulation No. 13-H match those in the draft gtr on ESC.

26. He also informed the World Forum that GRRF had considered Regulation No. 106 with regard to a new definition and marking for forestry tyres and had questioned the need to enlarge the scope of the Regulation. In this respect, the World Forum requested GRSG to consider an amendment to the Consolidated Resolution on the Construction of Vehicles (R.E.3) in order to insert a definition for non-road mobile machinery.

27. The World Forum endorsed the GRRF Chairman's request to establish an Informal Group on Brake Assist Systems (BAS) in conjunction with the European Commission.

4. Working Party on Noise (GRB)
(Forty-seventh session, 19-21 February 2008)

28. The GRB Chairman reported on the results achieved by GRB during its forty-seventh session (for details see report of the session ECE/TRANS/WP.29/GRB/45).

29. He informed the World Forum that a representative of the American National Federation of Blind had given a presentation on the risks for blind people and other road users in case of traffic with low noise vehicles (e.g. electric or hybrid vehicles) and on the need to consider a minimum sound emission level for such vehicles. The representative of the United States of America underlined the importance of this issue and thought that a presentation to WP.29 at a later date might be useful. The World Forum endorsed the decision of GRB to consider this subject in detail.

30. With regard to the provisions to regulate the rolling resistance of tyres, being taken forward by GRRF, the GRB Chairman expressed his preference to insert such requirements into Regulation No. 117 rather than into Regulations Nos. 30 and 54 because rolling resistance of tyres deals with environmental matters. The representative of the Russian Federation was in favour to include such provisions into Regulations Nos. 30 and 52 in view of the identical test method. The World Forum agreed to resume consideration of this subject and to take a decision at the June 2008 session.

VI. 1958 AGREEMENT (Agenda item 4)

A. Status of the Agreement, of the annexed Regulations and of the amendments thereto

Documentation: ECE/TRANS/WP.29/343/Rev.16

31. The secretariat presented the status document, reflecting the situation on 19 February 2008. The representatives of Germany and Slovakia had communicated some amendments to the status document, which were available on the WP.29 website.

B. Consideration of draft amendments to existing Regulations

32. The World Forum considered the draft amendments under agenda items 4.2.1. to 4.2.48., and recommended to submit them to AC.1 for voting, subject to the corrections mentioned in paragraphs 33 to 35 below:

33. Agenda item 4.2.6., Regulation No. 13-H, document ECE/TRANS/WP.29/2008/3, paragraph 5.2.19.2.1., replace "actuation" by "clamping" and "red warning signal shall be used instead" by "red signal shall be used to indicate 'parking brake applied'".

34. Agenda item 4.2.25., Regulation No. 86, document ECE/TRANS/WP.29/2008/27; page 2, the reference to former paragraph 2.19. should be disregarded.

35. Agenda item 4.2.26., Regulation No. 87, document ECE/TRANS/WP.29/2008/28; page 2, table of contents, correct "Annexes 5 and 6, renumber as Annexes 4 and 5" to read "Annex 5, 6 and 7 renumber as Annex 4, 5 and 6", paragraph 13.2., correct "annex 5" to read "Annex 4", insert a new amendment to paragraph 13.3. to replace "annex 8" by "Annex 5", after paragraph 6.3.2. delete "Contents, 'Annexes', Annex 4 to be deleted", last line, correct "Annex 5, renumber as Annex 4" to read "Annex 5, 6 and 7 renumber as Annex 4, 5 and 6" and insert a new amendment to Annex 4 (new), paragraph 2.5., to correct "annex 6" to read "Annex 5".

36. Agenda item 4.2.45., Regulation No. 16, document ECE/TRANS/WP.29/2008/49; page 2, paragraph 1.4. replace the reference to footnote */ by **/.

37. Regarding agenda item 4.2.18. (Regulation No. 65), the World Forum agreed to refer WP.29-144-04, tabled by Switzerland, to GRE for further consideration.

38. Regarding agenda item 4.2.19. (Regulation No. 66), the World Forum noted the concern by the representative of the Russian Federation (WP.29-144-15) regarding the scope of the Regulation. The World Forum agreed to refer WP.29-144-15 to GRSG for further consideration.

C. Consideration of new draft Regulations

1. Draft Regulation on country codes, vehicle categories and definitions

Documentation: ECE/TRANS/WP.29/2008/46 and Corr.1, informal documents
Nos. WP.29-144-11, WP.29-144-20 and WP.29-144-24

39. The World Forum agreed to refer ECE/TRANS/WP.29/2008/46, its Corr.1 as well as WP.29-144-11, WP.29-144-20 and WP.29-144-24 back to GRSG for consideration of technical and legal aspects.

VII. 1998 AGREEMENT (GLOBAL) (Agenda item 5)

A. Status of the Agreement

Documentation: ECE/TRANS/WP.29/2008/53; Informal document No. WP.29-144-01

40. The World Forum noted the status of the Agreement (ECE/TRANS/WP.29/2008/53) on 1 March 2008 and of the status of the priorities (WP.29-144-01). The representative of Australia reported that the accession procedure of his country to the Agreement had been initiated.

41. The World Forum agreed that agenda items 5.2. to 5.6. would be considered by AC.3.

VIII. EXCHANGE OF VIEWS ON NATIONAL/REGIONAL RULEMAKING PROCEDURES ON THE IMPLEMENTATION PROCEDURE OF ESTABLISHED GTRS INTO NATIONAL/REGIONAL LAW (Agenda item 6)

Documentation: Informal documents Nos. WP.29-144-18 and WP.29-144-27

42. The World Forum followed with interest presentations given by the representatives of the Russian Federation (WP.29-144-18) on the revised approval system in his country and by the representative of the United States of America (WP.29-144-27) on the results of a motor-coach frontal crash-test. The WP.29 vice-chairman congratulated the Russian Federation for its revised approval system and for the application of almost all the Regulations annexed to the 1958 Agreement. WP.29 noted that the representative from New Zealand would give a presentation at the June 2008 session. WP.29 agreed to refer WP.29-144-27 to GRSG and GRSP.

IX. 1997 AGREEMENT (INSPECTIONS) (Agenda item 7)

A. Status of the Agreement

Documentation: Informal document No. WP.29-144-02

43. The World Forum noted the status of the Agreement on 1 March 2008 (WP.29-144-02). The representative of the EC informed the World Forum about the progress made by the EC in the process of accession to the Agreement. The World Forum agreed that the Administrative Committee of the Agreement (AC.4) should not meet during this session.

X. OTHER BUSINESS (Agenda item 8)

A. Recall systems applied by various Contracting Parties to the Agreement

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

B. Feasibility of establishing an electronic database for type approval exchange of information (DETA)

45. The World Forum noted the oral report by the representative of Germany on the outcome of the first meeting of the informal group, held in Geneva on 16 November 2007. The informal group will convene again on 14 March 2008. The World Forum expect to receive a written report at its next session. The report of the first session of the informal group on DETA is available at the following address

<<http://www-dev.unece.org/trans/main/wp29/wp29wgs/wp29gen/gen deta03.html> >.

C. International Environmentally Friendly Vehicles (EFV) Conference

Documentation: Informal document No. WP.29-144-17

46. The representative of Germany reported on the positive results of the third EFV Conference held in Dresden on 19-21 November 2007. The World Forum welcomed the idea to organize such conferences on a regular basis in close cooperation with the activities of WP.29. The next EFV conference will be held in India in November 2009. The representative of Germany informed the World Forum about the proposal by Germany to establish under GRPE a new informal group to investigate the feasibility to develop a new evaluation concept for EFV, in close cooperation with GRB. The World Forum gave its consent for the establishment of such a group.

47. The representative of Germany added that the Terms of Reference of the informal group (WP.29-144-17) had already been agreed by GRPE and by GRB. He announced that the first meeting of the informal group was scheduled to be held in Geneva on 6 June 2008, in conjunction with the GRPE session. He invited all delegations to attend that meeting.

D. General question related to the scope of ECE Regulations

Documentation: Informal document No. WP.29-144-13

48. The World Forum considered WP.29-144-13 and agreed to refer it to GRSG.

E. Corrections to the Transitional Provisions to the 04 series of Amendments to Regulation No. 48

Documentation: Informal document No. WP.29-144-16

49. The World Forum agreed to refer WP.29-144-16 to GRE for consideration, jointly with other proposals concerning the transitional provisions. GRE was requested to submit a proposal for a Corrigendum to the 04 series of amendments to Regulation No. 48 for consideration at the WP.29 session in June 2008.

F. Transport and security

Documentation: Informal document No. WP.29-144-22

50. The World Forum noted that the ITC had requested a report on Transport and Security (WP.29-144-22). The World Forum mandated the GRSG Chairman to prepare such a report and to submit it to the Director of the Transport Division.

G. Amendments to the Terms of Reference and Rules of Procedure of the World Forum

Documentation: Informal document No. WP.29-144-19

51. The World Forum noted a proposal (WP.29-144-19) to align its Terms of Reference and Rules of Procedure with those of UNECE. The secretariat was requested to distribute WP.29-144-19 with an official symbol for consideration at the June 2008 session.

H. 50th Anniversary of the 1958 Agreement

52. The World Forum welcomed the proposal by Germany to celebrate the fiftieth anniversary of the 1958 Agreement. The secretariat was requested to include this celebration in the agenda of the June 2008 session and to reserve the afternoon of 26 June 2008 for this event. The delegations concerned were invited to confirm to the secretariat their active participation by the end of March 2008.

XI. ADOPTION OF THE REPORT (Agenda item 9)

53. The World Forum adopted the report, together with the annexes, on its 144th session.

B. ADMINISTRATIVE COMMITTEE OF THE 1958 AGREEMENT

XII. ESTABLISHMENT OF THE COMMITTEE (Agenda item 10)

54. Of the forty-eight Contracting Parties to the Agreement, 38 were represented and established AC.1 for its thirty-eighth session.

XIII. DRAFT AMENDMENTS TO EXISTING REGULATIONS – VOTING BY AC.1 (Agenda item 11)

55. AC.1 invited Mr. B. Gauvin, Vice-Chairman of WP.29, to chair the session.

56. The result of the vote on the documents submitted is reflected in the following table:

Regulation No.	Subject of the Regulation	Contracting Parties		Document; ECE/TRANS/WP.29/....	Voting result: for/against/abstention	Document status	Remark
		applying the Regulation	represented and voting				
4	Illumination of rear registration plates	40	34	2008/9	34/0/0	Suppl.14	*/
5	Sealed beam headlamps	39	34	2008/10	34/0/0	Suppl.7 to 02	*/
6	Direction indicators	42	36	2008/11	36/0/0	Suppl.17 to 01	*/
7	Front and rear position lamps, stop lamps and end-outline marker lamps	42	36	2008/12	36/0/0	Suppl.14 to 02	*/
13	Heavy vehicles braking	41	35	2008/2	35/0/0	Suppl.5 to 10	*/
13-H	M ₁ and N ₁ vehicles braking	43	36	2008/3 as amended by para. 33	36/0/0	Suppl.6	*/
18	Protection of vehicles against unauthorized use	38	33	2008/40	33/0/0	Suppl.2 to 03	*/
19	Front fog lamps	41	35	2008/13	35/0/0	Corr.1 to 03	*/
19	Front fog lamps	41	35	2008/14	35/0/0	Suppl.1 to 03	*/
23	Reversing lights	42	36	2008/15	36/0/0	Suppl.15	*/
31	HSB unit headlamps for motor vehicles	36	34	2008/16	34/0/0	Suppl.7 to 02	*/
37	Filament lamps	41	35	2008/17	35/0/0	Suppl.31 to 03	*/
38	Rear fog lamps	41	36	2008/18	36/0/0	Suppl.14	*/
46	Devices for indirect vision	37	34	2008/41	34/0/0	Suppl.3 to 02	*/
48	Installation of lighting and light-signalling devices	39	34	2008/19 and Corr.1	34/0/0	Suppl.1 to 04	*/
50	Front/rear position/stop lamps, direction indicator, rear registration plate lamps (mopeds/motorcycles)	40	35	2008/20	35/0/0	Suppl.12	*/
53	Installation of lighting and light-signalling devices (motorcycles)	37	32	2008/21	32/0/0	Suppl.9 to 01	*/
65	Special warning lamps from motor vehicles	26	24	2008/22	24/0/0	Suppl.6	
66	Strength of superstructure (buses)	35	33	2008/42	32/0/1 **/	Suppl.1 to 01	*/
69	Rear-marking plates for slow moving vehicles	39	34	2008/23	34/0/0	Suppl.4 to 01	*/
70	Rear-marking plates for heavy and long vehicles	40	35	2008/24	35/0/0	Suppl.6 to 01	*/
74	Installation of lighting and light-signalling devices for mopeds	37	33	2008/25	33/0/0	Suppl.5 to 01	*/
77	Parking lamps	37	35	2008/26	35/0/0	Suppl.12	*/
78	Motorcycle braking	39	34	2008/4	34/0/0	Corr.1 to 03	*/

Regulation No.	Subject of the Regulation	Contracting Parties		Document; ECE/TRANS/WP.29/....	Voting result: for/against/abstention	Document status	Remark
		applying the Regulation	represented and voting				
86	Installation of lighting and light-signalling devices for agricultural tractors	33	32	2008/27 as amended by para. 34	32/0/0	Suppl.4	*/
87	Daytime running lamps	33	32	2008/28 as amended by para. 35	32/0/0	Suppl.13	*/
89	Speed limitation devices	36	32	2008/5	32/0/0	Corr.1	*/
90	Replacement brake linings	38	34	2008/6	34/0/0	Corr.1 to Rev.1	*/
90	Replacement brake linings	38	34	2008/7	34/0/0	Suppl.10 to 01	*/
91	Side-marker lamps	36	35	2008/29	35/0/0	Suppl.11	*/
98	Headlamps with gas-discharge light sources	35	33	2008/30	33/0/0	Corr.1 to Suppl.5	*/
98	Headlamps with gas-discharge light sources	35	33	2008/31	33/0/0	Suppl.10	*/
99	Gas-discharge light sources	34	33	2008/32	33/0/0	Suppl.4	*/
104	Retro-reflective markings	43	36	2008/33	36/0/0	Corr.1 to Suppl.3	*/
107	Buses and coaches	40	33	2008/43	33/0/0	Suppl.2 to 02	*/
108	Retreaded tyres for motor vehicles	41	33	2008/8	33/0/0	Corr.2	*/
112	Headlamps emitting an asymmetrical passing beam	42	35	2008/34	35/0/0	Corr.1 to Suppl.5	*/
112	Headlamps emitting an asymmetrical passing beam	42	35	2008/35	35/0/0	Suppl.9	*/
113	Headlamps emitting a symmetrical passing beam	42	35	2008/36	35/0/0	Suppl.7	*/
116	Protection of motor vehicles against unauthorized use	44	36	2008/44	36/0/0	Suppl.2	*/
119	Cornering lamps	44	36	2008/37	36/0/0	Suppl.3	*/
121	Hand controls, tell-tales and indicators	44	36	2008/45	36/0/0	Suppl.2	*/
123	AFS	45	37	2008/38	37/0/0	Corr.1	*/
123	AFS	45	37	2008/39	37/0/0	Suppl.2	*/
16	Safety-belts	40	34	2008/49 and Corr.1, as amended by para. 36	34/0/0	Corr.2 to 05	*/
19	Front fog lamps	41	35	2008/50	35/0/0	Suppl.14 to 02	*/
98	Headlamps with gas-discharge light sources	35	33	2008/51	33/0/0	Corr.1 to Suppl.9	*/
112	Headlamps emitting an asymmetrical	42	35	2008/52 and	35/0/0	Corr.1 to Suppl.8	*/

Regulation No.	Subject of the Regulation	Contracting Parties		Document; ECE/TRANS/WP.29/...	Voting result: for/against/abstention	Document status	Remark
		applying the Regulation	represented and voting				
	passing beam			Corr.1			

*/ The EC representative voting for the 27 EU Member States.

**/ The representative of the Russian Federation abstained.

C. EXECUTIVE COMMITTEE OF THE 1998 AGREEMENT

XIV. ESTABLISHMENT OF THE COMMITTEE AND ELECTION OF OFFICERS FOR 2008 (Agenda item 13)

57. The twenty-second session of the Executive Committee (AC.3) was held on 12 and 13 March 2008. The representatives of 26 of the 30 Contracting Parties to the Agreement attended or were represented at the session and established AC.3.

58. At the proposal of the representative of the United Kingdom, Mrs. J. Abraham (United States of America) was unanimously re-elected Chairperson for 2008. Mr. I. Yarnold (United Kingdom) and Mr. M. Shima (Japan) were unanimously re-elected vice-Chairmen for 2008.

XV. CONSIDERATION AND VOTE OF DRAFT GLOBAL TECHNICAL REGULATIONS AND/OR DRAFT AMENDMENTS TO ESTABLISHED GLOBAL TECHNICAL REGULATIONS (Agenda item 14)

A. Proposal for a draft gtr on pedestrian safety

Documentation: ECE/TRANS/WP.29/2007/93 and Corr.1; ECE/TRANS/WP.29/2007/94 and Corr.1; ECE/TRANS/WP.29/2007/105 and informal document No. WP.29-144-03

59. The secretariat was requested to distribute WP.29-144-03 with an official symbol for consideration at the next session. AC.3 expected to vote on this draft gtr at its June 2008 session.

B. Proposal for a draft global technical regulation concerning safety glazing materials for motor vehicles

Documentation: ECE/TRANS/WP.29/2008/47; ECE/TRANS/WP.29/2008/48

60. Submitted for consideration and vote, the proposed draft global technical regulation (ECE/TRANS/WP.29/2008/47) was established in the Global Registry on 12 March 2008, by consensus of the following Contracting Parties present and voting: Canada, China, European Community (voting for Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, Netherlands, Romania, Slovakia, Spain, Sweden and United Kingdom), India, Japan, Malaysia, Norway, Republic of Korea, Russian Federation, South Africa, Turkey and United States of America. The technical report (ECE/TRANS/WP.29/2008/48) and the adopted proposal for the development of the gtr (ECE/TRANS/WP.29/AC.3/9) shall be appended to the established gtr.

C. Proposal for a draft global technical regulation concerning head restraints

Documentation: ECE/TRANS/WP.29/2008/54; ECE/TRANS/WP.29/2008/55, informal document No. WP.29-144-26

61. Submitted for consideration and vote, the proposed draft global technical regulation (ECE/TRANS/WP.29/2008/54 corrected by WP.29-144-26, as reproduced in Annex III to this report) was established in the Global Registry on 13 March 2008, by consensus of the following Contracting Parties present and voting: Canada, China, European Community (voting for Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, Netherlands, Romania, Slovakia, Spain, Sweden and United Kingdom), India, Japan, Malaysia, Republic of Korea, Russian Federation, South Africa, Turkey and United States of America. The technical report (ECE/TRANS/WP.29/2008/55) and the adopted proposal for the development of the gtr (ECE/TRANS/WP.29/AC.3/13) shall be appended to the established gtr.

62. The representative of India, while voting in favour of the gtr, drew the attention of AC.3 to the fact that some important safety issues raised by the Contracting Parties, but not considered at this stage, should also be addressed, even though the gtr was established in the Global Registry in its present form. As the informal group on head restraints continues working on the development of phase II of the gtr, the representative of India was invited to transmit his concerns to this group for consideration.

XVI. CONSIDERATION OF TECHNICAL REGULATIONS TO BE LISTED IN THE COMPENDIUM OF CANDIDATE GLOBAL TECHNICAL REGULATIONS (Agenda item 15)

A. Japan safety standards on hydrogen and fuel-cell vehicles

Documentation: ECE/TRANS/WP.29/2008/56

63. Submitted to vote, the request was unanimously adopted on 12 March 2008 by Canada, China, European Community (voting for Cyprus, Finland, France, Germany, Hungary, Italy, Lithuania, Luxembourg, Netherlands, Romania, Slovakia, Spain, Sweden and the United Kingdom), India, Japan, Malaysia, Norway, Republic of Korea, Russian Federation, South Africa, Turkey and United States of America. The documentation submitted jointly with the request shall be appended to the listed technical regulation.

XVII. IMPLEMENTATION OF PARAGRAPH 7.1. OF THE AGREEMENT (Agenda item 16)

Documentation: ECE/TRANS/WP.29/2008/53

64. The secretariat reminded the deadlines to report on the implementation of gtrs: gtr No. 1: 17.01.2009 for the fourth status report; gtr No. 2: 21.08.2008 for the third status report and 13.01.2009 for the first status report of its Amendment 1. For gtrs Nos. 3, 4 and 5, the second deadline is 14.01.2009 (ECE/TRANS/WP.29/2008/53). The secretariat also reminded the Contracting Parties that such reports should be delivered to the secretariat through their Permanent Missions in Geneva via the '1998AGREEMENT-MISSIONS List' electronic system.

XVIII. GUIDANCE, BY CONSENSUS DECISION, ON THOSE ELEMENTS OF DRAFT GTRS THAT HAVE NOT BEEN RESOLVED BY THE WORKING PARTIES SUBSIDIARY TO THE WORLD FORUM, IF ANY (Agenda item 17)

A. Proposal for a draft gtr on Electronic Stability Control (ESC) Systems for Light Vehicles

Documentation: Informal documents Nos. WP.29-144-05 and WP.29-144-28

65. AC.3 considered the pending issues of the draft gtr on ESC (WP.29-144-05). AC.3 agreed by consensus decision with the proposal by the GRRF Chairman (WP.29-144-28) and requested the secretariat to incorporate the amendments adopted into the draft gtr, for its consideration and vote at the June 2008 session. AC.3 invited the GRRF Chairman, in connection with the technical sponsors, to provide the secretariat, in due time, with an updated text of the preamble taking into account the decisions made during the session.

XIX. PROGRESS IN THE DEVELOPMENT OF GLOBAL TECHNICAL REGULATIONS (GTRS) OR AMENDMENTS TO ESTABLISHED GLOBAL TECHNICAL REGULATIONS (Agenda item 18)

66. An updated table of the priorities and items of exchange of views for the development of gtrs is reproduced in Annex II to this report. The most important information provided during the consideration of the items is reproduced below.

67. Agenda item 18.1., pedestrian safety. Concerning the work on phase II of the pedestrian safety gtr, AC.3 noted that the flexible pedestrian legform impactor technical evaluation group (Flex-TEG) continued its work under the GRSP responsibility. AC.3 agreed that, once the gtr is established, the work on the Flex-TEG would continue as an informal group to develop phase II of the gtr under the chairmanship of Japan.

68. Agenda item 18.2., gtr No. 3, motorcycle brake systems. AC.3 noted that the proposal for Amendment 1 would be submitted to vote at the June 2008 session. The secretariat was requested to distribute the report on the development of an amendment to gtr No. 3 (WP.29-144-25) with an official symbol for consideration and vote at the June 2008 session. AC.3 noted that the parallel proposal to amend UNECE Regulation No. 78 should also be adopted by AC.1 at its June 2008 session, in order to ensure consistency of both the gtr and the UNECE Regulation.

69. Agenda item 18.3., gtr No. 1, door locks and door retention components. AC.3 noted that the proposal for amendments to gtr No. 1 would be considered by GRSP at its May 2008 session.

70. Agenda item 18.4., gtr No. 4, world-wide harmonized heavy-duty certification procedure (WHDC). The representative of the EC informed that GRPE had approved appropriate actions for the elimination of the remaining options and for the establishment of limit values. The next session of the informal group has been scheduled to be held in Tokyo, on 10 and 11 April 2008.

71. Agenda item 18.5., gtr No. 2, world-wide harmonized motorcycle emission test cycle (WMTC). The representative of Germany informed AC.3 about the ongoing work for the introduction of performance requirements. He added that the informal group had decided to abandon the definition of the family concept, and to leave it open to the Contracting Parties to introduce their own concepts when transposing the gtr into their national/regional legislation.

72. Agenda item 18.6., off-cycle emissions (OCE). The representative of the United States of America reported on the progress of work made by the GRPE informal group. He informed AC.3 that the pending issues would be considered at the June 2008 session of GRPE. He announced the informal group's intention to submit, in 2009, a draft gtr to AC.3.

73. Agenda item 18.7., non-road mobile machinery (NRMM). The representative of the EC reported on the progress of work made by the informal group. He announced the informal group's intention to finalize the draft gtr for submission to GRPE at its January 2009 session.

74. Agenda item 18.8., hydrogen and fuel cell vehicles (HFCV). The representative of Germany informed AC.3 that the GRSP subgroup on safety issues (SGS) as well as the subgroup on Electric Safety had met in Geneva in January 2008. He announced that a proposal for the terms of reference of the informal group on Electric Safety would be submitted to AC.3 at the June 2008 session.

75. Agenda item 18.9., tyres. The representative of France reported that the two major pending issues were the scope of the gtr and the markings. In case these issues are not solved at the GRRF September 2008 session, he announced his intention to submit them to AC.3 for guidance, by consensus decision, at the November 2008 session.

76. Agenda item 18.11., head restraints. The representative of Japan presented a proposal for the development of the phase II of the gtr (WP.29-144-23). He agreed to further develop the proposal taking into consideration the comments received and to transmit it to GRSP for information at its May 2008 session. In addition, he announced he would submit a formal proposal for the development of the phase II of the gtr for the June 2008 session of AC.3.

XX. ITEMS ON WHICH THE EXCHANGE OF VIEWS AND DATA SHOULD CONTINUE OR BEGIN (Agenda item 19)

A. Side impact

77. The representative of the United States of America informed AC.3 about the research programme conducted in his country regarding child protection in the event of side impact. He expected to provide additional information at the November 2008 AC.3 session. AC.3 confirmed the relevance of this issue and agreed to keep this item on its agenda as well as on the GRSP agenda.

B. Vehicle crash compatibility

78. The representative of the United States of America informed AC.3 about the research work on offset barriers in his country. He recalled that a GRSP informal group was established to update UNECE Regulation No. 94 (frontal impact) aiming at including the progressive deformable barrier (PDB). He proposed to join efforts and to share data in order to avoid a duplication of the work. The Chairperson stated that these joint efforts could even result in the development of a gtr on crash compatibility in the area of frontal impact. AC.3 agreed to resume consideration on this issue as an exchange of views.

C. Intelligent transport systems

79. The representative of Japan invited all delegates to participate at the special session of the seventh ITS European Congress dedicated to vehicle regulations (see para. 12 above).

D. Installation of lighting and light-signalling devices

80. The representative of Canada, on behalf of the GRE Chairman, informed AC.3 that GRE continued to work in the development of draft Regulation No. 48-H.

E. Noise emissions

81. AC.3 agreed to take a decision at its June 2008 session on the discontinuation of this agenda item, after consultation with the GRB Chairman.

F. Passenger vehicle brakes

82. As Regulation No. 13-H and FMVSS 135 have considerably progressed toward harmonization, AC.3 questioned the added value of the development of a gtr on passenger vehicle brakes. AC.3 invited all delegates to clarify their position on this issue in order take a final decision at the November 2008 session.

G. Controls and displays

83. AC.3 agreed to discontinue this subject.

H. Worldwide harmonized light-vehicle test procedures (WLTP)

84. The representative of France informed AC.3 that the informal group on WLTP would convene its first meeting in Geneva on 4 June 2008 under his Chairmanship. AC.3 noted that the GRPE expert from Japan volunteered to act as the secretary of that informal group (nick@ichikawa.tec.toyota.co.jp).

XXI. PROPOSAL TO DEVELOP A GTR ON LOCATION AND IDENTIFICATION OF MOTORCYCLE CONTROLS, TELL-TALES AND INDICATORS (Agenda item 20)

Documentation: ECE/TRANS/WP.29/2006/74

85. AC.3 requested GRSG to consider the possibility to develop such a gtr taking into account cost/benefit analysis, in order to enable AC.3 to take a decision on this proposal at the June 2008 session.

Annex 1

LIST OF INFORMAL DOCUMENTS Nos. WP.29-144-... DISTRIBUTED WITHOUT A SYMBOL DURING THE ONE-HUNDRED-AND-FORTY-FOURTH SESSION

No.	Transmitted by	Agenda item	Language	Title	Follow- up
1.	Secretariat	5.1.	E	Agreement concerning the establishing of global technical regulations for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles - Situation on priorities and proposals to develop gtrs on 1 March 2008	(a)
2.	Secretariat	7.1.	E	Agreement concerning the adoption of uniform conditions for periodical technical inspections of wheeled vehicles and the reciprocal recognition of such inspections - Situation on 1 March 2008	(a)
3.	USA	14.1.	E	Draft gtr on Pedestrian Safety - Initial assessment of target population for potential reduction of pedestrian head injury in the United States of America	(b)
4.	Switzerland	4.2.18.	E	Proposal for Amendment to Document ECE/TRANS/WP.29/2008/22 (Regulation No. 65)	(d)
5.	USA	5.4 and 17.1.	E	Progress report and recommendation on the development of a global technical regulation on electronic stability control (ESC) for light vehicles	(b)
6.	Hungary	4.2.19.	E	Arguments, explanation of the Hungarian reservation to ECE/TRANS/WP.29/2008/42	(a)
7.	Secretariat	4.2.6.	E	Corrigendum to the proposal for Supplement 6 to Regulation No. 13-H (ECE/TRANS/WP.29/2008/42)	(c)

No.	Transmitted by	Agenda item	Language	Title	Follow- up
8.	Secretariat	4.2.45.	E	Correction to document ECE/TRANS/WP.29/2008/49	(c)
9.	Secretariat	4.2.26.	E	Corrigendum to the proposal for Supplement 13 to Regulation No. 87 (DRL) (ECE/TRANS/WP.29/2008/28)	(c)
10.	Secretariat	4.2.40.	E	Correction to document ECE/TRANS/WP.29/2008/44	(c)
11.	IMMA	4.3.1.	E	IMMA position on Document WP.29/2008/46 - Draft regulation on country codes, vehicle categories and definitions	(e)
12.	Hungary	4.2.19.	E	Withdrawal of reservation	(a)
13.	Hungary	8.4.	E	General question related to the scopes of ECE Regulations	(e)
14.	Secretariat	1.	E	Amendments to the annotated provisional agenda for the 144th session of WP.29	(a)
15.	Russian Federation	4.2.19.	E	Document ECE/TRANS/WP.29/GRSG/2007/2	(e)
16.	OICA	8.5.	E	OICA proposal for a draft corrigendum to the fourth series of amendments to Regulation No. 48	(d)
17.	Germany	8.3.	E	Draft terms of reference for the establishment of an informal group to develop an evaluation concept for Environmentally Friendly Vehicles (EFV)	(b)
18.	Russian Federation	6.	E/R	Revision of the Automotive Vehicle Certification System of the Russian Federation	(a)

No.	Transmitted by	Agenda item	Language	Title	Follow- up
19.	Secretariat	8.7.	E	Proposal for amendments to the Terms of Reference and Rules of Procedure of WP.29 (TRANS/WP.29/690)	(b)
20.	OICA	4.3.1.	E	Draft regulation on country codes, vehicle categories and definitions	(e)
21.	Secretariat	2.2.	E	Informal groups of the World Forum WP.29 and its subsidiary Working Parties	(f)
22.	Secretariat	8.6.	E	Transport and Security	(e)
23.	Japan	18.11.	E	Proposal of the informal working group on Head Restraints gtr phase 2	(g)
24.	IMMA	4.3.1.	E	IMMA position on the draft Horizontal Regulation	(e)
25.	GRRF Chairman	18.2.	E	Report on the establishment of an amendment to gtr No. 3	(b)
26.	USA, EC,	14.3.	E/F/R	Statement of technical rationale and justification	(c)
27.	USA	6.	E	NHTSA motor coach crash test	(e) (g)
28.	GRRF Chairman	17.1.	E	ESC gtr. Solutions to the remaining issues	(b)

Notes:

- (a) Consideration completed or to be superseded
- (b) Continue consideration at the next session with an official symbol
- (c) Proposal adopted
- (d) To be transmitted to GRE
- (e) To be transmitted to GRSG
- (f) To be transmitted to all the GRs
- (g) To be transmitted to GRSP

Annex II

STATUS OF THE 1998 AGREEMENT: PRIORITIES AND PROPOSALS

Working Party	Item		Informal group (Yes-No) / Chair	Technical sponsor	Formal proposal [●] /	Proposal for a draft gtr [●] /	Proposals for guidance decisions [●] /
GRRF	Tyres		Yes / UK	France	AC.3/15	<u>1</u> /	
	Electronic Stability Control (ESC)		Yes / USA	EC & USA	AC.3/16	<u>2</u> / WP.29-144-05 & WP.29-144-28	
	Motorcycle brake systems (gtr No. 3) - Amendment 1		No	Canada	AC.3/21 <u>3</u> /	<u>3</u> / [2008/..] WP.29-144-25 (final report)	
GRSG	Safety Glazing		Yes / Germany	Germany	AC.3/9	<u>4</u> / [ECE/TRANS/180/Add.7] [ECE/TRANS/180/Add.7/App.1]	
GRSP	Pedestrian Safety	Phase I	Yes/Japan/EC	EC	AC.3/7	<u>5</u> / 2007/94, Corr.1 & 105 2003/99 (1st report) 2004/71 (2nd report) 2007/93 & Corr.1 (final report) [2008/..]	
		Phase II	Yes/Japan	Japan		<u>5</u> /	
	Head Restraints	Phase I	Yes / USA	USA	AC.3/13	<u>6</u> / [ECE/TRANS/180/Add.8] [ECE/TRANS/180/Add.8/App.1]	
		Phase II	Yes/[]	Japan	[2008/..]	<u>6</u> /	
	Door locks and door retention components (gtr No. 1) - Amendment 1		No	USA	AC.3/18 <u>7</u> /		
	HFCV-SGS		Yes/USA/Japan	Germany, Japan & USA	AC.3/17		

Working Party	Item	Informal group (Yes-No) / Chair	Technical sponsor	Formal proposal ●/	Proposal for a draft gtr ●/	Proposals for guidance decisions ●/
GRPE	World-wide Harmonized Heavy-Duty Certification procedure (WHDC) (gtr No. 4) - Amendment 1	Yes	EC	AC.3/20	<u>8/</u>	
	World-wide Harmonized Motorcycle emission Test Cycle (WMTC) (gtr No. 2) - Amendment 2	Yes/Germany	Germany	AC.3/19	<u>9/</u>	
	Off-Cycle Emissions (OCE)	Yes / USA	USA	AC.3/12	<u>10/</u>	
	Non-Road Mobile Machinery (NRMM)	Yes / EC	EC	AC.3/14	<u>11/</u> 2007/43 (preliminary report)	
	Hydrogen and fuel cells vehicles HFCV-SGE	Yes / Germany	Germany, Japan & USA	AC.3/17	<u>12/</u>	

●/ Documents symbols: Documents to be considered in 2006 and afterwards bear the symbol ECE/TRANS/WP.29/..... Before such date they bear the symbol TRANS/WP.29/.....

1/ The sponsor will intend to seek guidance of AC.3 at the 2008 November session in case the two major pending issues (the scope and the markings) are not solved by GRRF at its September 2008 session.

2/ AC.3 agreed by consensus decision on the pending issues for the development of the draft gtr.

3/ AC.3 agreed to consider the proposal for Amend. 1 to the draft gtr and its final report at its June 2008 session.

4/ AC.3 established in the Global Registry on 12 March by consensus the draft gtr and its final report.

5/ AC.3 is expected to vote the draft gtr for its establishment in the Global Registry in June 2008. Concerning the phase II, AC.3 agreed that once the gtr is established, a mandate will be given to the Flex-TEG group as an informal group to develop the gtr under the chairmanship of Japan.

6/ AC.3 established in the Global Registry on 13 March by consensus the draft gtr and its final report with amendments (ECE/TRANS/WP.29/1066, para. ... and Annex III).

7/ The proposal for amendments to gtr No. 1 will be considered by GRSP at its May 2008 session.

8/ GRPE will elaborate a proposal for the elimination of the options and for the establishment of limit values.

9/ GRPE is working on a proposal for Amendment 2 to gtr No. 2 concerning the performance requirements and will not consider the definition of family concept.

10/ The GRPE informal group intends to submit in 2009 a draft gtr to AC.3.

11/ The GRPE informal group intends to finalize the draft gtr for submission to GRPE at its January 2009 session.

12/ GRPE intends to recommend for adoption by AC.3 a draft gtr for its establishment in the Global Registry in 2010.

*/ The information regarding the Contracting Parties (30), the Global Registry and the Compendium of Candidates are provided in document ECE/TRANS/WP.29/2008/53.

**/ S.R.1: Common definitions of vehicle categories, masses and dimensions (ECE/TRANS/WP.29/1045 and Amend.1).

**SUBJECTS AS AN EXCHANGE OF VIEWS TO DEVELOP GTRS
ON MARCH 2008**

Working Party	Item	Informal group (Yes-No) / Chair	Technical sponsor	Formal proposal TRANS/WP.29/	Proposal for a draft gtr TRANS/WP.29/...●/
GRE	Installation of Lighting and Light-Signalling Devices	Yes / Canada	Canada	AC.3/4	<u>1/</u> GRE/2006/49
GRB	Noise emissions	No	No	---	<u>2/</u>
GRRF	Passenger Vehicle Brakes	Yes / UK and USA	Japan and UK	AC.2/10	<u>3/</u> 2005/95 (1st report)
GRSG	Location and identification of motorcycle controls, tell-tales and indicators	No	Italy	2006/74	--- <u>4/</u>
GRPE	Heavy-Duty OBD (WWH-OBD) (gtr No. 5)	No	USA	---	--- <u>5/</u>
	World-wide harmonized light-duty test procedure (WLTP)	Yes/France	[Japan and ...]	---	<u>6/</u> 2007/98
GRSP	Side impact	No	No	---	---
	Crash compatibility	No	No	---	<u>7/</u>
WP.29	Intelligent Vehicle Systems	Yes/Japan, UK	No	---	---

●/ Documents symbols: Documents to be considered in 2006 and afterwards will bear the symbol ECE/TRANS/WP.29/.....Before such date they bear the symbol TRANS/WP.29/.....

1/ GRE decided to retain the agreed parts of draft gtr under a proposal for draft Regulation No. 48-H.

2/ AC.3 agreed to take a decision at its June 2008 session on the discontinuation of this agenda item.

3/ AC.3 invited all delegates to clarify their position on this issue in order to take a final decision at the November 2008 session about the discontinuation of this agenda item.

4/ AC.3 requested GRSG to consider the possibility to develop such gtr taking into account cost/benefit analysis, in order to enable AC.3 to take a decision on this proposal at the June 2008 session.

5/ No activity at the present time by the informal group on gtr No. 5, awaiting the adoption of the ISO standard regarding Ethernet based wired communication.

6/ WLTP informal group will convene its first meeting on June 2008 to develop a roadmap and Terms of Reference within two years.

7/ AC.3 noted that an informal group was established to update UNECE Regulation No. 94 (frontal impact). The AC.3 chairperson stated that the informal group and USA joint efforts could even result in the development of a gtr on crash compatibility in the area of frontal impact.

Annex III

AMENDMENTS TO DRAFT GLOBAL TECHNICAL REGULATION ON HEAD
RESTRAINTS (ECE/TRANS/WP.29/2008/54)

ADOPTED ON THE BASIS OF WP.29-144-26
(see para. .. of the report)

A. STATEMENT OF TECHNICAL RATIONALE AND JUSTIFICATION

Paragraphs 34. and 35., amend to read:

"34. While GRSP is recommending this dynamic test option, it acknowledges differing views associated with the use of the Hybrid III dummy. On the one hand, there is a paper by Ford (SAE 973342), which argues that the 50th percentile male Hybrid III neck is sufficiently biofidelic in the rearward direction. Conversely, an EEVC report "The Use of the Hybrid III dummy in Low Speed Rear Impact Testing," (September 2007) 17/ argues the 50th percentile male Hybrid III neck lacks sufficient biofidelity to be a useful tool for rear impact testing and therefore cautioned against its use. The EEVC also opined that the interaction of the rigid thoracic spine of the Hybrid III with the seat back is not humanlike which might affect the real world performance of dynamic head restraints.

35. The group was informed of studies conducted by the EEVC concerning the Hybrid III, BioRID II and RID 3D test devices. At this point the EEVC research ("Dummy Measurements and Criteria for a Low-speed Rear Impact Whiplash Dummy" WG12 Report September 2007) 17/ argues that the BioRID II has the highest level of biofidelity of these three candidate dummies."

Paragraph 37., amend to read:

"37. GRSP therefore understands that, in the first instance, any Contracting Party, including those to the "1958 Agreement", may introduce into their national or regional laws alternative procedures for use in the dynamic assessment of head restraints. At the discretion of these Contracting Parties, the procedures may be introduced even before agreement of alternative procedures for this gtr."

Footnotes 15/, 17/, 18/, and 26/, amend to read:

"This report was made available to the informal group approximately one month before the session of GRSP where this gtr was finalized. This report is a compilation of data and provides conclusions in support of presentations that were made to the informal group in January 2006. While the EEVC presented some of the data to the informal group and to GRSP, some Contracting Parties did not have sufficient time to fully evaluate the complete data set and the conclusions of the report, and therefore have not accepted them at this time. It is anticipated that it will be part of the discussion within Phase 2."

B. TEXT OF THE REGULATION

Paragraph 5.2.3., renumber to read

"5.2.4. Head restraint strength"
