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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 166<sup>th</sup> session

Geneva, 23–26 June 2015

Item 2.2 of the provisional agenda

#### **Coordination and organization of work – Programme of work and documentation.**

## **Programme of Work of the World Forum for Harmonization of Vehicle Regulations (WP.29) and its Subsidiary Bodies**

### **Note by the Secretariat\***

The text reproduced below was prepared by the Secretariat for consideration by the World Forum. It takes into account the results and decisions taken at its 165<sup>th</sup> session (ECE/TRANS/WP.29/1112) and the proposed agenda for its 166<sup>th</sup> session (ECE/TRANS/WP.29/1113) and updates also the information on the work of the six subsidiary Working Parties to WP.29

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\* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Table 1  
**Subjects under consideration by the World Forum (WP.29)**

<i>Subject</i>	<i>Document symbol ECE/TRANS/WP.29/...</i>	<i>Documentation availability</i>
<b>1.1. 1958 Agreement</b>		For document symbols and its availability, please refer to the agenda (1115/Add.1)
1.1.1. Draft amendments to existing UN Regulations to be considered at the June 2015 session		
UN Regulations Nos.:		
9 (Noise of three-wheeled vehicles),		
14 (Safety-belt anchorages)		
17 (Seat strength)		
28 (Audible warning devices),		
29 (Cabs of commercial vehicles)		
41 (Noise emissions of motorcycles),		
49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines)		
51 (Noise of M and N categories of vehicles),		
54 (Tyres for commercial vehicles and their trailers),		
59 (Replacement silencing systems),		
63 (Noise emissions of mopeds),		
75 (Tyres for motorcycles/mopeds)		
80 (Strength of seats and their anchorages (buses))		
83 (Emissions of M <sub>1</sub> and N <sub>1</sub> vehicles)		
95 (Lateral collision)		
97 (Vehicle Alarm Systems (VAS)),		
100 (Battery electric vehicle safety)		
101 (CO <sub>2</sub> emissions/fuel consumption)		
107 (M <sub>2</sub> and M <sub>3</sub> vehicles),		
109 (Retreaded tyres for commercial vehicles and their trailers),		
116 (Anti-theft and alarm systems),		
117 (Tyre rolling resistance, rolling noise and wet grip)		
134 (Hydrogen and fuel cell vehicles (HFCV))		
135 (Pole Side Impact (PSI))		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
Consolidated Resolution on the Construction of Vehicles (R.E.3).		
1.1.2. Draft New UN Regulation:		
Draft Regulation on electric vehicles of category L		
1.1.3. Draft amendments to existing UN Regulations to be considered at the November 2015 session		
26 (External projections)		
39 (Speedometer and odometer)		
46 (Devices for indirect vision)		
58 (Rear underrun protection)		
61 (External projections of commercial vehicles)		
74 (Installation of lighting and light-signaling devices (mopeds))		
97 (Vehicle alarm systems)		
98 (Headlamps with gas-discharge light sources)		
99 (Gas discharge light sources)		
107 (M <sub>2</sub> and M <sub>3</sub> vehicles)		
110 (Specific components for CNG)		
116 (Vehicle alarm systems)		
1.1.4. Proposal for new UN Regulations to be considered at the November 2015 session		
Nil		
1.1.5. Status of the Agreement and of the annexed UN Regulations, including the latest situation report	343/Rev.23	
1.1.6. Development of an International Whole Vehicle Type Approval (IWVTA) system, including the development of a new UN Regulation No. 0		
1.1.7. Consideration of amendments to the 1958 Agreement.		
1.1.8. Development of an electronic database for the exchange of type approval documentation (DETA)		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
<b>1.2. 1998 Agreement (Global)</b>		For document symbols and its availability, please refer to the agenda (1115/Add.1)
1.2.1. Consideration of draft UN GTRs and amendments to them:		
Tyres, Worldwide harmonized Light vehicle Test Procedures (WLTP).		
1.2.2. Consideration of technical regulations to be listed in the Compendium of Candidate UN GTRs		
Technical regulations to be reaffirmed in the Compendium of Candidate for gtrs:		
Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control; Requirements; Final Rule		
Tier 2 Motor Vehicle Emissions Standards and Gasoline Sulfur Control Requirements; Final Rule		
Control of Emissions of Air Pollution from Non-road Diesel Engines and Fuel; Final Rule		
Federal Motor Vehicle Safety Standard; FMVSS No. 108 Lamps, Reflective devices and Associated Equipment and its appended documentation		
Federal Motor Vehicle Safety Standard; FMVSS No. 135 Passenger Car Braking Systems and its appended documentation		
Federal Motor Vehicle Safety Standard; FMVSS No. 139 New Pneumatic Radial Tires for Light Vehicles and its appended documentation		
Federal Motor Vehicle Safety Standard; FMVSS No. 213 Child Restraint and its appended documentation		
1.2.3. Guidance for the development of UN GTRs:		
Nil		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
<p>1.2.4. Progress on the development of new UN GTRs and of amendments to established UN GTRs</p> <p>2 (Worldwide Motorcycle emission Test Cycle (WMTC)) and other gtrs on environmental and propulsion unit requirements for L category of vehicles;</p> <p>3 (Motorcycle braking);</p> <p>4 (Worldwide Heavy-Duty Certification procedure (WHDC));</p> <p>6 (Safety glazing);</p> <p>7 (Head restraints);</p> <p>9 (Pedestrian safety);</p> <p>14 (Pole side impact (PSI)-Phase 2)</p> <p>15 (Worldwide harmonized Light vehicle Test Procedures (WLTP) – Phase 1(b) and 2);</p> <p>Draft gtr on Electric Vehicles Safety (EVS);</p> <p>Draft gtr on Quiet Road Transport Vehicles (QRTV).</p>		
<p>1.2.5. Exchange of views on items for new UN Global Technical Regulations</p> <p>Vehicle crash compatibility;</p> <p>Intelligent Transport Systems;</p> <p>Road illumination technologies;</p> <p>Harmonization of side impact</p> <p style="padding-left: 20px;">a. Pole side dummies,</p> <p style="padding-left: 20px;">b. Pole side impact</p> <p>Electric vehicles and the environment;</p> <p>Specifications for the 3-D H point machine;</p> <p>Hydrogen and Fuel Cell Vehicles (HFCV) (Gtr No. 13) – Phase 2;</p> <p>New technologies not yet regulated.</p>		
<p><b>1.3. 1997 Agreement (Inspections)</b></p>		For document symbols and its availability, please refer to the agenda (1115/Add.1)
<p>1.3.1. Future development of the Agreement</p>		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
1.3.2. Update of UN Rules Nos. 1 and 2		
1.3.3. New UN Rules		
<b>1.4. Miscellaneous items:</b>		For document symbols and its availability, please refer to the agenda (1115/Add.1)
Exchange of information on enforcement of issues regarding defects and non-compliance		
Consistency between the provisions of the 1968 Vienna Convention and the provisions of the vehicle regulations adopted in the framework of the 1958 and 1998 Agreement		
Proposals for amendments to the Consolidated resolution on the Construction of Vehicles (R.E.3)		
Autonomous vehicles		
Documents for Publication		

Table 2  
**Subjects under consideration by the Working Party on Noise (GRB)**

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
<b>2.1. 1958 Agreement</b>		For document symbols and its availability, please refer to the agenda of the sixty-second session (GRB/2015/6)
2.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
9 (Noise of three-wheeled vehicles),		
28 (Audible warning devices),		
41 (Noise emission of motorcycles),		
51 (Noise of M and N categories of vehicles),		
59 (Replacement silencing systems),		
63 (Noise emissions of mopeds),		
92 (Replacement exhaust silencing systems for motorcycles),		
117 (Tyres - Rolling resistance, rolling noise and wet grip)		
2.1.2. Proposal for draft new UN Regulations:		
Quiet Road Transport Vehicles (QRTV)		

<i>Subject</i>	<i>Document symbol ECE/TRANS/WP.29/...</i>	<i>Documentation availability</i>
<b>2.2. 1998 Agreement (Global)</b>		For document symbols and its availability, please refer to the agenda of the sixty-second session (GRB/2015/6)
UN GTR on Quiet Road Transport Vehicles		
<b>2.3. 1997 Agreement (Inspections)</b>		
Nil		
<b>2.4. Proposal for draft recommendations or amendments to existing recommendations</b>		
Nil		
<b>2.5. Miscellaneous items</b>		For document symbols and its availability, please refer to the agenda of the sixty-first session (GRB/2015/1)
Influence of road surface on tyre rolling sound emissions,		
Definitions and acronyms in UN Regulations under the responsibility of GRB		
Proposal for amendments to R.E.3,		
Development of the International Whole Vehicle Type Approval (IWVTA) system		

Table 3  
**Subjects under consideration by the Working Party on Lighting and Light-Signalling (GRE)**

<i>Subject</i>	<i>Document symbol ECE/TRANS/WP.29/...</i>	<i>Documentation availability</i>
<b>3.1. 1958 Agreement</b>		For document symbols and its availability, please refer to the report of the seventy-third session (GRE/73)
3.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
4 (Illumination of rear registration plates),		
6 (Direction indicators),		
7 (Position, stop and end-outline lamps ),		
10 (Electromagnetic compatibility),		
23 (Reversing lamps),		
37 (Filament lamps),		
38 (Rear fog lamps),		
48 (Installation of lighting and light-signalling devices),		
50 (Position, stop, direction indicator lamps for mopeds and motorcycles),		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
74 (Installation of lighting and light-signalling devices (mopeds))		
77 (Parking lamps),		
86 (Installation of lighting and light-signalling devices for agricultural tractors)		
87 (Daytime running lamps),		
91 (Side marker lamps),		
98 (Headlamps with gas-discharge light sources),		
99 (Gas discharge light sources),		
112 (Headlamps emitting an asymmetrical passing-beam),		
113 (Headlamps emitting a symmetrical passing-beam),		
119 (Cornering lamps),		
123 (Adaptive front lighting systems (AFS)),		
128 (light emitting diodes (LED) light sources)		
3.1.2. Proposal for draft new UN Regulations:		
Nil		
<b>3.2. 1998 Agreement (Global)</b>		
Possibility to develop further UN GTRs		
<b>3.3. 1997 Agreement (Inspections)</b>		
Nil		
<b>3.4. Proposal for draft recommendations or amendments to existing recommendations</b>		
Nil		
<b>3.5. Miscellaneous items</b>		
Simplification of lighting and light-signalling UN Regulations		For document symbols and its availability, please refer to the report of the seventy-third session (GRE/73)
Amendments to the Convention on Road Traffic (Vienna 1968)		
Development of an international whole vehicle type approval (IWVTA)		
Direction for future GRE work		
Work progress of the International Automotive Lighting and Light Signalling Expert Group (GTB) task forces		



Table 4

**Subjects under consideration by the Working Party on Pollution and Energy (GRPE)**

<i>Subject</i>	<i>Document symbol ECE/TRANS/WP.29/...</i>	<i>Documentation availability</i>
<b>4.1. 1958 Agreement</b>		For document symbols and its availability, please refer to the agenda of the seventieth session (GRPE/2015/1 and Add.1)
4.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
40 (emission of gaseous pollutants by motor cycles),		
47 (emission of gaseous pollutants of mopeds),		
49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines),		
68 (Measurement of the maximum speed, including electric vehicles),		
83 (Emissions of M <sub>1</sub> and N <sub>1</sub> vehicles),		
85 (measurement of the net power),		
96 (diesel emission (agricultural tractors)),		
101 (CO <sub>2</sub> emissions/fuel consumption),		
103 (Replacement pollution control devices),		
115 (LPG and CNG retrofit systems),		
120 (Net power of tractors and non-road mobile machinery),		
132 (Retrofit Emissions Control devices (REC)),		
133 (Recyclability of motor vehicles)		
4.1.2. Proposal for draft new UN Regulations		
Nil		
<b>4.2. 1998 Agreement (Global)</b>		For document symbols and its availability, please refer to the agenda of the seventieth session (GRPE/2015/1 and Add.1)
2 (Worldwide motorcycle emissions test cycle (WMTC)),		
4 (Worldwide harmonized Heavy-Duty Certification Procedure (WHDC)),		
5 (Worldwide harmonized Heavy duty on-board diagnostic systems (WWH-OBD)),		
10 (Off-Cycle Emissions (OCE)),		
11 (Non-road mobile machinery engines),		
15 (Worldwide harmonized Light Vehicle Test Procedure (WLTP)).		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
4.2.1. Proposal for developing new UN Global Technical Regulations Vehicles Interior Air Quality (VIAQ)		
<b>4.3. 1997 Agreement (Inspections)</b> Nil		
<b>4.4. Proposal for draft recommendations or amendments to existing recommendations</b> Nil		
<b>4.5. Miscellaneous items</b> World-wide harmonized Light vehicles Test Procedure (WLTP) Heavy Duty Hybrids (HDH) Particle Measurement Programme (PMP) Gaseous Fuelled Vehicles (GFV) Environmental and Propulsion Performance Requirements (EPPR) for L-category vehicles Electric Vehicles and the Environment (EVE) Vehicle Propulsion System Definitions (VPSD) Fuel Quality (FQ) International Whole Vehicle Type Approval (IWVTA) Exchange of information on national and international requirements on emissions Vehicles Interior Air Quality (VIAQ)		For document symbols and its availability, please refer to the agenda of the seventieth session (GRPE/2015/1)

Table 5  
**Subjects under consideration by the Working Party on Brakes and Running Gear (GRRF)**

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
<b>5.1. 1958 Agreement</b>		For document symbols and its availability, please refer to the agenda of the seventy-ninth session (GRRF/2015/1)
5.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
13 and 13-H (Braking),		
30 (Tyres for passenger cars and their trailers)		
54 (Tyres for commercial vehicles and their trailers),		
55 (Mechanical couplings),		
64 (Temporary use spare unit, run flat tyres, run flat-system and tyre pressure monitoring system),		
78 (Motorcycle braking),		
79 (Steering equipment),		
89 (Speed limitation devices),		
90 (Replacement brake linings),		
106 (Tyres for agricultural vehicles),		
109 (Retreaded tyres for commercial vehicles and their trailers),		
117 (Tyres - Rolling resistance, rolling noise and wet grip),		
130 (Lane Departure Warning System (LDWS)),		
131 (Advanced Emergency Braking Systems (AEBS)),		
5.1.2. Proposal for draft new UN Regulations:		
Tyres installation		
Tyre Pressure Monitoring Systems (TPMS)		
<b>5.2. 1998 Agreement (Global)</b>		For document symbols and its availability, please refer to the agenda of the seventy-ninth session (GRRF/2015/1)
3 (Motorcycle braking),		
Tyres		
<b>5.3. 1997 Agreement (Inspections)</b>		
Nil		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
<b>5.4. Proposal for draft recommendations or amendments to existing recommendations:</b>		
Nil		
<b>5.5. Miscellaneous items</b>		For document symbols and its availability, please refer to the agenda of the seventy-ninth session (GRRF/2015/1)
Intelligent Transport Systems (ITS)		
Lane keeping assist system (LKAS) and Parking assist systems (PAS)		
Automatically Commanded Steering Function (ACSF)		
International Whole Vehicle Type Approval (IWVTA)		
Modular Vehicle Combinations (MVC)		
Exchange of views on innovations, automations and self-driving cars		

Table 6  
**Subjects under consideration by the Working Party on General Safety Provisions (GRSG)**

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
<b>6.1. 1958 Agreement</b>		For document symbols and its availability, please refer to the agenda for the 108 <sup>th</sup> session (GRSG/2015/1)
6.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
39 (Speedometer),		
43 (Safety glazing),		
46 (Devices for indirect vision),		
58 (Rear under-run protection),		
67 (Equipment for liquefied petroleum gases (LPG)),		
97 (Vehicle Alarm Systems (VAS)),		
107 (M2 and M3 vehicles),		
110 (Specific components for CNG)		
116 (Anti-theft and alarm systems),		
118 (Burning behaviour),		
121 (Identification of controls, tell-tales and indicators),		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
125 (Forward field of vision of drivers)		
6.1.2. Proposal for draft new UN Regulations: Automatic Emergency Call Systems (AECS)		
<b>6.2. 1998 Agreement (Global)</b>		For document symbols and its availability, please refer to the agenda for the 108th session (GRSG/2015/1)
Possibility to develop further UN GTRs 6 (Safety glazing)		
<b>6.3. 1997 Agreement (Inspections)</b>		
Nil		
<b>6.4. Proposal for draft recommendations or amendments to existing recommendations:</b>		
Nil		
<b>6.5. Miscellaneous items</b>		For document symbols and its availability, please refer to the agenda for the 108 <sup>th</sup> session (GRSG/2015/1)
Regulation No. 34 (Prevention of fire risks)		
Regulation No. 60 (Controls and tell-tales of motorcycles)		
International Whole Vehicle Type Approval (IWVTA)		
Consolidated Resolution on the Construction of Vehicles (R.E.3).		
Application of amendments to different series of amendments		
Consolidated Resolution on the Construction of Vehicles (R.E.3)		
Event Data Recorder (EDR)		
Masses and dimensions		
General safety regulation		
Three-dimensional H-point machine		

Table 7

**Subjects under consideration by the Working Party on Passive Safety (GRSP)**

<i>Subject</i>	<i>Document symbol ECE/TRANS/WP.29/...</i>	<i>Documentation availability</i>
<b>7.1. 1958 Agreement</b>		For document symbols and its availability, please refer to the report for the fifty-sixth session (GRSP/56)
7.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
11 (Door latches and hinges)		
14 (Safety-belt anchorages),		
16 (Safety-belts),		
17 (Strength of seats),		
22 (Protective helmets),		
44 (Child restraints systems),		
80 (Strength of seats and their anchorages (buses)),		
94 (Frontal collision),		
127 (Pedestrian safety),		
129 (Enhanced child restraint systems).		
7.1.2. Proposal for draft new UN Regulations:		
Electric vehicles of category L		
<b>7.2. 1998 Agreement (Global)</b>		For document symbols and its availability, please refer to the report for the fifty-sixth session (GRSP/56)
7 (Head restraints),		
9 (Pedestrian safety),		
Side impact dummies,		
Electric vehicles,		
Vehicle Crash compatibility.		
<b>7.3. 1997 Agreement (Inspections)</b>		
Nil		
<b>7.4. Proposal for draft recommendations or amendments to existing recommendations</b>		
Nil		
<b>7.5. Miscellaneous items</b>		For document symbols and its availability, please refer to the report for the fifty-sixth session (GRSP/56)
Exchange of information on national and international requirements on passive safety		
International Whole Vehicle Type Approval (IWVTA)		
3-D H point machine		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
Intelligent Transport Systems (ITS)		
Definition and acronyms in UN		
Regulations under GRSP responsibilities		

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