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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 166th session (ECE/TRANS/WP.29/1116) and 167th session (ECE/TRANS/WP.29/1118) and the proposed agenda for its 168th session (ECE/TRANS/WP.29/1119) and updates also the information on the work of the six subsidiary Working Parties to WP.29

* In accordance with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, 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>
1.1. 1958 Agreement		For document symbols and its availability, please refer to the agenda (1119)
1.1.1. Draft amendments to existing UN Regulations to be considered at the March 2016 session		
UN Regulations Nos.:		
9 (Noise of three-wheeled vehicles);		
10 (Electromagnetic compatibility);		
11 (Door latches and hinges);		
13 (Heavy vehicle braking);		
14 (Safety-belt anchorages);		
16 (Safety-belts);		
34 (Prevention of fire risks);		
41 (Noise emissions of motorcycles);		
44 (Child restraint systems);		
46 (Devices for indirect vision);		
48 (Installation of lighting and light-signalling devices);		
49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines);		
50 (Position, stop, direction indicators, lamps for mopeds and motorcycles);		
51 (Sound of M and N categories of vehicles);		
53 (Installation of lighting and light-signalling devices for L ₃ vehicles);		
55 (Mechanical couplings);		
63 (Noise emissions of mopeds);		
73 (Lateral protection devices)		
83 (Emissions of M1 and N1 vehicles)		
92 (Replacement exhaust silencing systems for motorcycles);		
94 (Frontal collision protection)		
107 (General construction of buses and coaches);		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
110 (CNG and LNG vehicles);		
113 (Headlamps emitting a symmetrical passing-beam);		
115 (LPG and CNG retrofit systems);		
118 (Burning behaviour of materials);		
125 (Forward field of vision of drivers).		
128 (Light Emitting Diode (LED) light sources)		
129 (Enhanced Child Restraint Systems)		
130 (Lane Departure Warning System (LDWS))		
131 (Advanced Emergency Braking Systems (AEBS));		
134 (Hydrogen and fuel cells vehicles)		
1.1.2. Draft New UN Regulation:		
Proposal for a new Regulation on the approval of quiet road transport vehicles (QRTV);		
1.1.3. Draft amendments to existing UN Regulations to be considered at the June 2016 session		
9 (Noise of three-wheeled vehicles)		
11 (Door latches and hinges)		
13 (Heavy vehicle braking)		
13-H (Brakes of M1 and N1 vehicles)		
14 (Safety-belt anchorages)		
16 (Safety-belts)		
28 (Audible warning devices)		
30 (Tyres for passenger cars and their trailers)		
41 (Noise emissions of motorcycles)		
44 (Child restraint systems)		
49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines)		
54 (Tyres for commercial vehicles and their trailers)		
55 (Mechanical Coupling)		
63 (Noise emissions of mopeds)		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
64 (Temporary use spare unit, run flat tyres)		
75 (Tyres for L-category vehicles)		
78 (Braking (category L vehicles))		
79 (Steering equipment)		
83 (Emissions of M1 and N1 vehicles)		
90 (Replacement braking parts)		
92 (Replacement exhaust silencing systems for motorcycles)		
106 (Tyres for agricultural vehicles)		
107 (M ₂ and M ₃ vehicles)		
115 (LPG and CNG retrofit systems)		
117 (Tyre rolling resistance, rolling noise and wet grip)		
118 (Burning behavior)		
125 (Forward field of vision).		
129 (Enhanced Child Restraint Systems)		
134 (Hydrogen and fuel cells vehicles)		
1.1.4. Proposal for new UN Regulations to be considered at the June 2016 session		
Proposal for a new Regulation on Brake Assist Systems (BAS)		
Proposal for a new Regulation on Electronic Stability Control (ESC)		
Proposal for a new Regulation on Tyre Pressure Monitoring Systems (TPMS)		
Proposal for a new Regulation on Tyre Installation		
1.1.5. Status of the Agreement and of the annexed UN Regulations, including the latest situation report	343/Rev.24	
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>
1.2. 1998 Agreement (Global)		For document symbols and its availability, please refer to the agenda (1119)
1.2.1. Consideration of draft UN GTRs and amendments to them:		
	Proposal for a new UN GTR on the measurement procedure for two- or three-wheeled motor vehicles equipped with a combustion engine with regard to the crankcase and evaporative emissions;	
	Proposal for Amendment 1 to UN GTR No. 15 (Worldwide harmonized Light vehicles Test Procedures (WLTP))	
	Proposal for Amendment 1 to UN GTR No. 16 (Tyres)	
1.2.2. Consideration of Mutual Resolutions		
	Consideration of draft amendments to Mutual Resolution No. 1 (M.R.1);	
	Consideration of draft amendments to Mutual Resolution No. 2 (M.R.2)	
	Nil	
1.2.3. Guidance for the development of UN GTRs:		
	Nil	
1.2.4. Progress on the development of new UN GTRs and of amendments to established UN GTRs		
	2 (Worldwide Motorcycle emission Test Cycle (WMTC));	
	3 (Motorcycle braking);	
	4 (Worldwide Heavy-Duty Certification procedure (WHDC));	
	6 (Safety glazing)	
	7 (Head restraints);	
	9 (Pedestrian safety);	
	15 (Worldwide harmonized Light vehicle Test Procedures (WLTP) – Phase 1(b));	
	16 (Tyres);	
	Draft gtr on Electric Vehicles Safety (EVS);	
	Draft gtr on Quiet Road Transport Vehicles (QRTV)	

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
<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>Harmonization of 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>1.3. 1997 Agreement (Inspections)</p>		For document symbols and its availability, please refer to the agenda (1119)
<p>1.3.1. Future development of the Agreement</p>		
<p>1.3.2. Update of UN Rules Nos. 1 and 2</p>		
<p>1.3.3. New UN Rules</p>		
<p>1.4. Miscellaneous items:</p>		For document symbols and its availability, please refer to the agenda (1119)
<p>Exchange of information on enforcement of issues regarding defects and non-compliance</p>		
<p>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</p>		
<p>Proposals for amendments to the Consolidated resolution on the Construction of Vehicles (R.E.3)</p>		
<p>Documents for Publication</p>		

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

<i>Subject</i>	<i>Document symbol ECE/TRANS/WP.29/...</i>	<i>Documentation availability</i>
2.1. 1958 Agreement		For document symbols and its availability, please refer to the agenda of the sixty-third session (GRB/2016/1)
2.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
28 (Audible warning devices).		
41 (Noise of motorcycles): Development.		
51 (Noise of M and N categories of vehicles):		
59 (Replacement silencing systems).		
92 (Replacement exhaust silencing systems for motorcycles).		
117 (Tyre rolling noise and wet grip adhesion).		
2.2. 1998 Agreement (Global)		For document symbols and its availability, please refer to the agenda of the sixty-third session (GRB/2016/1)
UN GTR on Quiet Road Transport Vehicles		
2.3. 1997 Agreement (Inspections)		
Nil		
2.4. Proposal for draft recommendations or amendments to existing recommendations		
Nil		
2.5. Miscellaneous items		For document symbols and its availability, please refer to the agenda of the sixty-third session (GRB/2016/1)
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>
3.1. 1958 Agreement		For document symbols and its availability, please refer to the agenda of the seventy-fifth session (GRE/2016/1)
3.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
6 (Direction indicators),		
7 (Position, stop and end-outline lamps),		
10 (Electromagnetic compatibility),		
19 (Front fog lamps),		
23 (Reversing lamps),		
38 (Rear fog lamps),		
45 (Headlamp cleaners),		
48 (Installation of lighting and light-signalling devices),		
50 (Position, stop, direction indicator lamps for mopeds and motorcycles),		
53 (Installation of lighting and light signalling devices for L ₃ vehicles)		
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),		
112 (Headlamps emitting an asymmetrical passing-beam),		
113 (Headlamps emitting a symmetrical passing-beam),		
119 (Cornering lamps),		
123 (Adaptive front lighting systems (AFS)).		
3.1.2. Proposal for draft new UN Regulations:		
Nil		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
3.2. 1998 Agreement (Global)		
Possibility to develop further UN GTRs		
3.3. 1997 Agreement (Inspections)		
Nil		
3.4. Proposal for draft recommendations or amendments to existing recommendations		
Nil		
3.5. Miscellaneous items		For document symbols and its availability, please refer to the agenda of the seventy-fifth session (GRE/2016/1)
Pending amendment proposals		
Simplification of lighting and light-signalling UN Regulations		
Amendments to the Convention on Road Traffic (Vienna 1968)		
Development of an international whole vehicle type approval (IWVTA)		
Phantom light and colour washout		
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>
4.1. 1958 Agreement		For document symbols and its availability, please refer to the agenda of the seventy-second session (GRPE/2016/1)
4.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
68 (Measurement of the maximum speed, including electric vehicles),		
83 (Emissions of M ₁ and N ₁ vehicles),		
101 (CO ₂ emissions/fuel consumption)		
103 (Replacement pollution control devices);		
49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines)		
132 (Retrofit Emissions Control devices (REC));		
85 (Measurement of the net power),		
115 (LPG and CNG retrofit systems)		
133 (Recyclability of motor vehicles).		
96 (Diesel emission (agricultural tractors))		
120 (Net power of tractors and non-road mobile machinery);		
40 (Emission of gaseous pollutants by motorcycles)		
47 (Emission of gaseous pollutants of mopeds);		
4.1.2. Proposal for draft new UN Regulations		
Nil		
4.2. 1998 Agreement (Global)		For document symbols and its availability, please refer to the agenda of the seventy-second session (GRPE/2016/1)
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)		
4.3. 1997 Agreement (Inspections) Nil		
4.4. Proposal for draft recommendations or amendments to existing recommendations Nil		
4.5. Miscellaneous items 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 seventy-second session (GRPE/2016/1)

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>
5.1. 1958 Agreement		For document symbols and its availability, please refer to the agenda of the eighty-first session (GRRF/2016/1)
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),		
75 (Motorcycle tyres),		
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).		
5.1.2. Proposal for draft new UN Regulations:		
Tyres installation		
Brake Assist Systems		
Electronic stability Control		
5.1.3. Vehicle automation		
Remote Control Parking (RCP)		
Valet Parking		
Lane Keeping Assist System (LKAS)		
Parking Assist Systems (PAS)		
Automated Controlled Steering Function (ACSF)		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
5.2. 1998 Agreement (Global) 3 (Motorcycle braking), 16 (Tyres)		For document symbols and its availability, please refer to the report of the eighty-first session (GRRF/2016/1)
5.3. 1997 Agreement (Inspections) Nil		
5.4. Proposal for draft recommendations or amendments to existing recommendations: Nil		
5.5. Miscellaneous items 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 and relevant national activities		For document symbols and its availability, please refer to the agenda of the eighty-first session (GRRF/2016/1)

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>
6.1. 1958 Agreement		For document symbols and its availability, please refer to the agenda for the 110 th session (GRSG/2016/1)
6.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
39 (Speedometer/odometer),		
43 (Safety glazing),		
46 (Devices for indirect vision),		
55 (Mechanical couplings),		
60 (Driver operated controls (mopeds/motorcycles))		
66 (Strength of superstructure (buses))		
67 (LPG vehicles),		
73 (Lateral protection devices)		
105 (ADR vehicles),		
110 (CNG and LNG vehicles)		
116 (Anti-theft and alarm systems),		
118 (Burning behaviour of materials),		
121 (Identification of controls, tell-tales and indicators),		
6.1.2. Proposal for draft new UN Regulations:		
Automatic Emergency Call Systems (AECS)		
Advanced Driver Assistance Systems (ADAS).		
6.2. 1998 Agreement (Global)		For document symbols and its availability, please refer to the agenda for the 108 th session (GRSG/2016/1)
Possibility to develop further UN GTRs		
6 (Safety glazing)		
6.3. 1997 Agreement (Inspections)		
Nil		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
6.4. Proposal for draft recommendations or amendments to existing recommendations:		
Nil		
6.5. Miscellaneous items		For document symbols and its availability, please refer to the agenda for the 109 th session (GRSG/2015/19)
International Whole Vehicle Type Approval (IWVTA)		
Consolidated Resolution on the Construction of Vehicles (R.E.3).		
Event Data Recorder		
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>
7.1. 1958 Agreement		For document symbols and its availability, please refer to the agenda for the fifty-eighth session (GRSP/2015/17)
7.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
14 (Safety-belt anchorages),		
16 (Safety-belts),		
17 (Strength of seats),		
21 (Interior fittings),		
22 (Protective helmets),		
25 (Head restraints).		
44 (Child restraints systems),		
80 (Strength of seats and their anchorages (buses)),		
94 (Frontal collision),		
100 (Electric power trained vehicles)		
127 (Pedestrian safety),		
129 (Enhanced child restraint systems).		
7.1.2. Proposal for draft new UN Regulations:		
Nil		
7.2. 1998 Agreement (Global)		For document symbols and its availability, please refer to the agenda for the fifty-eighth session (GRSP/2015/17)
1 (Door locks and door retention components),		
7 (Head restraints),		
9 (Pedestrian safety),		
13 (Hydrogen and Fuel Cells Vehicles).		
Side impact dummies,		
Electric vehicles,		
Vehicle Crash compatibility.		
7.3. 1997 Agreement (Inspections)		
Nil		
7.4. Proposal for draft recommendations or amendments to existing recommendations		
Nil		

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