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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

Revision 1

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 167th session (ECE/TRANS/WP.29/1118) and 168th session (ECE/TRANS/WP.29/1121) and the proposed agenda for its 169th session (ECE/TRANS/WP.29/1122) 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 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), 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 (1122)
1.1.1. Draft amendments to existing UN Regulations to be considered at the June 2016 session		
UN Regulations Nos.:		
9 (Noise of three-wheeled vehicles)		
11 (Door latches and hinges)		
13 (Heavy vehicle braking)		
13-H (Brakes of M ₁ and N ₁ vehicles)		
14 (Safety-belt, ISOFIX and i-Size anchorages)		
16 (Safety-belts, ISOFIX and i-Size)		
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 couplings)		
60 (Driver operated controls (mopeds/motorcycles))		
63 (Noise emissions of mopeds)		
64 (Temporary use spare unit, run flat tyres, run flat-system and tyre pressure monitoring system)		
75 (Tyres for L-category vehicles)		
78 (Braking (category L vehicles))		
79 (Steering equipment)		
83 (Emissions of M ₁ and N ₁ vehicles)		
90 (Replacement braking parts)		
92 (Replacement exhaust silencing systems (RESS) for motorcycles)		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
106 (Tyres for agricultural vehicles)		
113 (Headlamps emitting a symmetrical passing-beam)		
115 (LPG and CNG retrofit systems)		
117 (Tyres, rolling resistance, rolling noise and wet grip)		
129 (Enhanced Child Restraint Systems (ECRS))		
134 (Hydrogen and fuel cells vehicles (HFCV))		
1.1.2. Draft New UN Regulation:		
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		
1.1.3. Draft amendments to existing UN Regulations to be considered at the November 2016 session		
7	(Position, stop and end-outline lamps)	
16	(Safety-belts)	
37	(Filament lamps)	
44	(Child restraint systems)	
45	(Headlamp cleaners)	
46	(Devices for indirect vision),	
48	(Installation of lighting and light-signalling devices)	
53	(Installation of lighting and light-signalling devices for L3 vehicles)	
80	(Strength of seats and their anchorages (buses))	
83	(Emissions of M ₁ and N ₁ vehicles)	
86	(Installation of lighting and light-signalling devices for agricultural tractors)	
87	(Daytime running lamps)	

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
99 (Gas discharge light sources)		
105 (ADR vehicles),		
107 (M2 and M3 vehicles),		
110 (CNG and LNG vehicles),		
121 (Identification of controls, tell-tales and indicators),		
128 (Light emitting diodes light sources)		
129 (Enhanced Child Restraint Systems)		
1.1.4. Proposal for new UN Regulations to be considered at the November 2016 session Proposal for a new Regulation on Heavy Duty Dual-Fuel Engine Retrofit Systems (HDDF-ERS)		
1.1.5. Proposal for a new Consolidated Resolution to be considered at the November 2016 session Draft Resolution on the common specification of light source categories		
1.1.6. Status of the Agreement and of the annexed UN Regulations, including the latest situation report	343/Rev.24	
1.1.7. Development of an International Whole Vehicle Type Approval (IWVTA) system, including the development of a new UN Regulation No. 0		
1.1.8. Consideration of amendments to the 1958 Agreement.		
1.1.9. Development of an electronic database for the exchange of type approval documentation (DETA)		
1.2. 1998 Agreement (Global)		For document symbols and its availability, please refer to the agenda (1122)
1.2.1. Consideration of draft UN GTRs and amendments to them to be considered at the June 2016 session: 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;		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
Proposal for Amendment1 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 draft UN GTRs and amendments to them to be considered at the November 2016 session		
Proposal for a new global technical regulation (UN GTR) on the measurement procedure for two- or three-wheeled motor vehicles with regard to on-board diagnostics		
1.2.3. Consideration of Mutual Resolutions		
Nil		
1.2.4. Consideration of Special Resolutions		
Proposal for Special Resolution (S.R.3);		
1.2.5. Guidance for the development of UN GTRs:		
Nil		
1.2.6. 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>
1.2.7. Exchange of views on items for new UN Global Technical Regulations Vehicle crash compatibility; Intelligent Transport Systems; Harmonization of side impact Electric vehicles and the environment; Specifications for the 3-D H point machine; Hydrogen and Fuel Cell Vehicles (HFCV) (Gtr No. 13) – Phase 2; New technologies not yet regulated.		
1.3. 1997 Agreement (Inspections)		For document symbols and its availability, please refer to the agenda (1122)
1.3.1. Future development of the Agreement		
1.3.2. Update of UN Rules Nos. 1 and 2		
1.3.3. Establishment of requirements for testing equipment, for skills and training of inspectors and for supervision of test centres		
1.4. Miscellaneous items:		For document symbols and its availability, please refer to the agenda (1122)
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 Documents for Publication		

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-fourth session (GRB/2016/3)
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-fourth session (GRB/2016/3)
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-fourth session (GRB/2016/3)
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		
3.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		For document symbols and its availability, please refer to the agenda of the seventy-sixth session (GRE/2016/19)
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-sixth session (GRE/2016/19)
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 report of the seventy-third session (GRPE/73)
4.1.1. Proposal for draft amendments to existing UN Regulations (1958 Agreement):		
40 (Emission of gaseous pollutants by motorcycles),		
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 ₁ and N ₁ vehicles),		
85 (Measurement of the net power),		
96 (Diesel emission (agricultural tractors))		
101 (CO ₂ 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		
4.2. 1998 Agreement (Global)		For document symbols and its availability, please refer to the report of the seventy-third session (GRPE/73)
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 report of the seventy-third session (GRPE/73)

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 report of the eighty-first session (GRRF/81)
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)		For document symbols and its availability, please refer to the report of the eighty-first session (GRRF/81)
3 (Motorcycle braking),		
16 (Tyres)		
5.3. 1997 Agreement (Inspections)		
Nil		
5.4. Proposal for draft recommendations or amendments to existing recommendations:		
Nil		
5.5. Miscellaneous items		For document symbols and its availability, please refer to the report of the eighty-first session (GRRF/81)
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		

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 report of the 110 th session (GRSG/89)
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),		

<i>Subject</i>	<i>Document symbol</i> <i>ECE/TRANS/WP.29/...</i>	<i>Documentation</i> <i>availability</i>
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 report of the 110 th session (GRSG/89)
Possibility to develop further UN GTRs		
6 (Safety glazing)		
6.3. 1997 Agreement (Inspections)		
Nil		
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 report of the 110 th session (GRSG/89)
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 report of the fifty-ninth session (GRSP/59)
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 report of the fifty-ninth session (GRSP/59)
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-ninth session (GRSP/59)
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		
