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From:	Secretary-General of the European Commission, signed by Ms Martine DEPREZ, Director
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To:	General Secretariat of the Council
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Subject:	ANNEX to the Proposal for a Council Decision on the position to be taken on behalf of the European Union in the World Forum for Harmonization of Vehicle Regulations of the United Nations Economic Commission for Europe on proposals for modifications to UN regulations Nos 12, 13, 13-H, 22, 24, 48, 49, 51, 53, 54, 74, 79, 85, 86, 90, 100, 106, 109, 117, 127, 129, 131, 135, 136, 137, 141, 145, 148, 149, 150, 157 and 162, on a proposal for modifications to UN global technical regulation (GTR) No 2, on a proposal for a new UN regulation on reverse warning, on a proposal for a new UN GTR on durability of pollution control devices for two and three-wheelers, on a proposal for a new consolidated resolution concerning exhaust ultra-fine particle numbers measurement for heavy duty vehicles, and on a proposal for authorisation to develop amendment 4 to UN GTR No 3

Delegations will find attached Annex to document COM(2022) 246 final.

Encl.: Annex COM(2022) 246 final



EUROPEAN
COMMISSION

Brussels, 31.5.2022
COM(2022) 246 final

ANNEX

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to the

Proposal for a Council Decision

on the position to be taken on behalf of the European Union in the World Forum for Harmonization of Vehicle Regulations of the United Nations Economic Commission for Europe on proposals for modifications to UN regulations Nos 12, 13, 13-H, 22, 24, 48, 49, 51, 53, 54, 74, 79, 85, 86, 90, 100, 106, 109, 117, 127, 129, 131, 135, 136, 137, 141, 145, 148, 149, 150, 157 and 162, on a proposal for modifications to UN global technical regulation (GTR) No 2, on a proposal for a new UN regulation on reverse warning, on a proposal for a new UN GTR on durability of pollution control devices for two and three-wheelers, on a proposal for a new consolidated resolution concerning exhaust ultra-fine particle numbers measurement for heavy duty vehicles, and on a proposal for authorisation to develop amendment 4 to UN GTR No 3

ANNEX

Regulation No	Agenda item title	Document reference ¹
12	Proposal for the 05 series of amendment to UN Regulation No. 12 (Steering mechanism) ECE/TRANS/WP.29/GRSP/70, para. 8, based on ECE/TRANS/WP.29/GRSP/2021/18, as amended by Annex II to the report	ECE/TRANS/WP.29/2022/69
13	Proposal for a Supplement 19 to the 11 series of amendments to UN Regulation No. 13 (Heavy vehicle braking) ECE/TRANS/WP.29/GRVA/12, para. 82, based on ECE/TRANS/WP.29/GRVA/2022/9	ECE/TRANS/WP.29/2022/77
13	Proposal for a Supplement 1 to the 12 series of amendments to UN Regulation No. 13 (Heavy vehicle braking) ECE/TRANS/WP.29/GRVA/12, para. 82, based on ECE/TRANS/WP.29/GRVA/2022/9	ECE/TRANS/WP.29/2022/78
13-H	Proposal for a Supplement 4 to UN Regulation No. 13-H (Braking of light vehicles) ECE/TRANS/WP.29/GRVA/12, para. 83, based on ECE/TRANS/WP.29/GRVA/2022/10, as amended by GRVA-12-24	ECE/TRANS/WP.29/2022/79
22	Proposal for Supplement 2 to the 06 series of amendments to UN Regulation No. 22 (Protective helmets) ECE/TRANS/WP.29/GRSP/70, para. 16, based on ECE/TRANS/WP.29/GRSP/2021/24 as amended by Annex III to the report	ECE/TRANS/WP.29/2022/63
24	Proposal for Supplement 8 to the 03 series of amendments to UN Regulation No. 24 (Visible pollutants, measurement of power of C.I. engines (Diesel smoke)) ECE/TRANS/WP.29/GRPE/85, para. 35., based on ECE/TRANS/WP.29/GRPE/2022/4	ECE/TRANS/WP.29/2022/73

¹ All documents referred to in the table are available at:
[\(WP.29\) World Forum for the Harmonization of Regulations \(187th session\) | UNECE](#)

48	<p>Proposal for Supplement 16 to the 06 series of amendments to UN Regulation No. 48 (Installation of lighting and light-signalling devices)</p> <p>ECE/TRANS/WP.29/GRE/85, paras. 17, 31 and 33, based on ECE/TRANS/WP.29/GRE/2021/16 as amended by GRE-85-23, ECE/TRANS/WP.29/GRE/2021/18 as amended by GRE-85-33 and ECE/TRANS/WP.29/GRE/2020/5/Rev.2 as amended by GRE-85-26</p>	ECE/TRANS/WP.29/2022/89
48	<p>Proposal for Supplement 3 to the 07 series of amendments to UN Regulation No. 48 (Installation of lighting and light-signalling devices)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 17, 31 and 33, based on ECE/TRANS/WP.29/GRE/2021/16 as amended by GRE-85-23, ECE/TRANS/WP.29/GRE/2021/18 as amended by GRE-85-33 and ECE/TRANS/WP.29/GRE/2020/5/Rev.2, as amended by GRE-85-26</p>	ECE/TRANS/WP.29/2022/90
48	<p>Proposal for Supplement 1 to the 08 series of amendments to UN Regulation No. 48 (Installation of lighting and light-signalling devices)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 17, 31 and 33, based on ECE/TRANS/WP.29/GRE/2021/16 as amended by GRE-85-23, ECE/TRANS/WP.29/GRE/2021/18 as amended by GRE-85-33 and ECE/TRANS/WP.29/GRE/2020/5/Rev.2 as amended by GRE-85-26</p>	ECE/TRANS/WP.29/2022/91
48	<p>Proposal for Supplement 8 to the 03 series of amendments to UN Regulation No. 48 (Installation of lighting and light-signalling devices)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 20, based on ECE/TRANS/WP.29/GRE/2021/17, as amended by GRE-85-12 and para. 19 of the report</p>	ECE/TRANS/WP.29/2022/95
48	<p>Proposal for Supplement 21 to the 04 series of amendments to UN Regulation No. 48 (Installation of lighting and light-signalling devices)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 20, based on ECE/TRANS/WP.29/GRE/2021/17, as amended by GRE-85-12 and para. 19 of the report</p>	ECE/TRANS/WP.29/2022/96

48	<p>Proposal for Supplement 16 to the 05 series of amendments to UN Regulation No. 48 (Installation of lighting and light-signalling devices)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 20, based on ECE/TRANS/WP.29/GRE/2021/17, as amended by GRE-85-12 and para. 19 of the report</p>	ECE/TRANS/WP.29/2022/97
49	<p>Proposal for Supplement 1 to the 07 series of amendments to UN Regulation No. 49 (Emissions of compression ignition and positive ignition (LPG and CNG) engines)</p> <p>ECE/TRANS/WP.29/GRPE/85, para. 29., based on ECE/TRANS/WP.29/GRPE/2022/3 and GRPE-85-47 as amended by Annex IV</p>	ECE/TRANS/WP.29/2022/74
51	<p>Proposal for Supplement 7 to 03 series of amendments to UN Regulation No. 51 (Noise of M and N categories of vehicles)</p> <p>ECE/TRANS/WP.29/GRBP/72 and ECE/TRANS/WP.29/GRBP/73, based on ECE/TRANS/WP.29/GRBP/2021/22 as amended by para. 5 of ECE/TRANS/WP.29/GRBP/72, ECE/TRANS/WP.29/GRBP/2022/4 as amended by GRBP-75-37, ECE/TRANS/WP.29/GRBP/2022/3 as amended by GRBP-75-36 and para. 4 of ECE/TRANS/WP.29/GRBP/73, ECE/TRANS/WP.29/GRBP/2022/8 as amended by para. 6 of ECE/TRANS/WP.29/GRBP/73, GRBP-74-40 as amended by para. 9 of ECE/TRANS/WP.29/GRBP/73</p>	ECE/TRANS/WP.29/2022/84
53	<p>Proposal for Supplement 23 to the 01 series of amendments to UN Regulation No. 53 (Installation of lighting and light-signalling devices for L3 vehicles)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 23, and ECE/TRANS/WP.29/GRE/83, para. 36, based on ECE/TRANS/WP.29/GRE/2021/19 and ECE/TRANS/WP.29/GRE/2020/13/Rev.1 as amended by GRE-83-51</p>	ECE/TRANS/WP.29/2022/98
53	<p>Proposal for Supplement 6 to the 02 series of amendments to UN Regulation No. 53 (Installation of lighting and light-signalling devices for L3 vehicles)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 24, and ECE/TRANS/WP.29/GRE/83, para. 36, based on ECE/TRANS/WP.29/GRE/2021/20 and ECE/TRANS/WP.29/GRE/2020/13/Rev.1 as amended by GRE-83-51</p>	ECE/TRANS/WP.29/2022/99

53	<p>Proposal for Supplement 3 to the 03 series of amendments to UN Regulation No. 53 (Installation of lighting and light-signalling devices for L3 vehicles)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 24, and ECE/TRANS/WP.29/GRE/83, para. 36, based on ECE/TRANS/WP.29/GRE/2021/20 and ECE/TRANS/WP.29/GRE/2020/13/Rev.1 as amended by GRE-83-51</p>	ECE/TRANS/WP.29/2022/100
54	<p>Proposal for Supplement 25 to the original series of amendments to UN Regulation No. 54 (Tyres for commercial vehicles and their trailers)</p> <p>ECE/TRANS/WP.29/GRBP/73, based on ECE/TRANS/WP.29/GRBP/2022/6 and ECE/TRANS/WP.29/GRBP/2021/13, as amended by GRBP-75-31-Rev.2</p>	ECE/TRANS/WP.29/2022/85
74	<p>Proposal for Supplement 14 to the 01 series of amendments to UN Regulation No. 74 (Installation of lighting and light-signalling devices for mopeds)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 25, based on ECE/TRANS/WP.29/GRE/2021/21</p>	ECE/TRANS/WP.29/2022/101
74	<p>Proposal for Supplement 2 to the 02 series of amendments to UN Regulation No. 74 (Installation of lighting and light-signalling devices for mopeds)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 25, based on ECE/TRANS/WP.29/GRE/2021/21</p>	ECE/TRANS/WP.29/2022/102
79	<p>Proposal for a Supplement 8 to the 03 series of amendments to UN Regulation No. 79 (Steering Equipment)</p> <p>ECE/TRANS/WP.29/GRVA/12, para. 65-66, based on ECE/TRANS/WP.29/GRVA/2022/6, as amended by GRVA-12-43 and ECE/TRANS/WP.29/GRVA/2021/11, as amended by GRVA-12-19</p>	ECE/TRANS/WP.29/2022/80
79	<p>Proposal for a Supplement 3 to the 04 series of amendments to UN Regulation No. 79 (Steering Equipment)</p> <p>ECE/TRANS/WP.29/GRVA/12, para. 65-66, based on ECE/TRANS/WP.29/GRVA/2022/6, as amended by GRVA-12-43 and ECE/TRANS/WP.29/GRVA/2021/11, as amended by GRVA-12-19</p>	ECE/TRANS/WP.29/2022/81
85	<p>Proposal for Supplement 11 to UN Regulation No. 85 (Measurement of the net power and</p>	ECE/TRANS/WP.29/2022/75

	the 30 min. power) ECE/TRANS/WP.29/GRPE/85, para. 37, based on ECE/TRANS/WP.29/GRPE/2022/5 as amended by GRPE-85-11 and during the session as reproduced in Annex V	
86	Proposal for Supplement 4 to the 01 series of amendments to UN Regulation No. 86 (Installation of lighting and light-signalling devices for agricultural vehicles) ECE/TRANS/WP.29/GRE/85, para. 26, based on ECE/TRANS/WP.29/GRE/2021/22	ECE/TRANS/WP.29/2022/103
86	Proposal for Supplement 1 to the 02 series of amendments to UN Regulation No. 86 (Installation of lighting and light-signalling devices for agricultural vehicles) ECE/TRANS/WP.29/GRE/85, para. 26, based on ECE/TRANS/WP.29/GRE/2021/22	ECE/TRANS/WP.29/2022/104
90	Proposal for a Supplement 9 to the 02 series of amendments to UN Regulation No. 90 (Replacement braking parts) ECE/TRANS/WP.29/GRVA/12, para. 90, based on ECE/TRANS/WP.29/GRVA/2021/29, as amended by GRVA-12-16	ECE/TRANS/WP.29/2022/82
100	Proposal for Supplement 2 to the 03 series to UN Regulation No. 100 (Electric power trained vehicles) ECE/TRANS/WP.29/GRSP/70, para. 17, based on GRSP-70-26 as reproduced by Annex IV to the report	ECE/TRANS/WP.29/2022/64
106	Proposal for Supplement 20 to the original series of amendments to UN Regulation No. 106 (Tyres for agricultural vehicles and their trailers) ECE/TRANS/WP.29/GRBP/73, based on ECE/TRANS/WP.29/GRBP/2022/7	ECE/TRANS/WP.29/2022/86
109	Proposal for Supplement 11 to UN Regulation No. 109 (Retreaded tyres for commercial vehicles and their trailers) Revision 1 ECE/TRANS/WP.29/GRBP/72, paras. 18 and 19, based on ECE/TRANS/WP.29/GRBP/2021/18 and ECE/TRANS/WP.29/GRBP/2021/16 as amended by Annex IV to the report	ECE/TRANS/WP.29/2022/7/Rev.1

117	<p>Proposal for a new 03 series of amendments to UN Regulation No. 117 (Tyre rolling resistance, rolling noise and wet grip)</p> <p>ECE/TRANS/WP.29/GRBP/72, para. 23 and ECE/TRANS/WP.29/GRBP/73, based on GRBP-74-33-Rev.1, ECE/TRANS/WP.29/GRBP/2021/17 as amended by GRBP-74-31-Rev.1 and GRBP-75-25-Rev.1</p>	ECE/TRANS/WP.29/2022/83
127	<p>Proposal for the 03 series of amendment to UN Regulation No. 127 (Pedestrian safety)</p> <p>ECE/TRANS/WP.29/GRSP/70, para. 18, based on ECE/TRANS/WP.29/GRSP/2021/28 as amended by Annex V to the report</p>	ECE/TRANS/WP.29/2022/70
129	<p>Proposal for Supplement 7 to the 03 series of amendments to UN Regulation No. 129 (Enhanced Child Restraint systems)</p> <p>(ECE/TRANS/WP.29/GRSP/70, para. 20, based on ECE/TRANS/WP.29/GRSP/2021/7 as amended by Annex VI to the report</p>	ECE/TRANS/WP.29/2022/65
131	<p>Proposal for the 02 series of amendments to UN Regulation No. 131 (Advanced Emergency Braking System)</p> <p>ECE/TRANS/WP.29/GRVA/12, para. 72, based on ECE/TRANS/WP.29/GRVA/2022/7, as amended by GRVA-12-49 (reproduced in GRVA-12-50/Rev.1</p>	ECE/TRANS/WP.29/2022/76
135	<p>Proposal for the 02 series of amendments to UN Regulation No. 135 (Pole side impact)</p> <p>ECE/TRANS/WP.29/GRSP/70, para. 23, based on ECE/TRANS/WP.29/GRSP/2021/21 not amended</p>	ECE/TRANS/WP.29/2022/71
136	<p>Proposal for the 01 series of amendment to UN Regulation No. 136 (Electric vehicle L)</p> <p>ECE/TRANS/WP.29/GRSP/70, para. 24, based on ECE/TRANS/WP.29/GRSP/2021/22, as amended by Annex VII to the report</p>	ECE/TRANS/WP.29/2022/72
137	<p>Proposal for Supplement 4 to the 01 series of amendments to UN Regulation No. 137 (Frontal impact with focus on restraint systems)</p> <p>ECE/TRANS/WP.29/GRSP/70, para. 26, based on ECE/TRANS/WP.29/GRSP/2021/23, not</p>	ECE/TRANS/WP.29/2022/66

	amended	
137	<p>Proposal for Supplement 3 to the 02 series of amendments to UN Regulation No. 137 (Frontal impact with focus on restraint systems)</p> <p>ECE/TRANS/WP.29/GRSP/70, para. 26, based on ECE/TRANS/WP.29/GRSP/2021/23, not amended</p>	ECE/TRANS/WP.29/2022/67
141	<p>Proposal for Supplement 2 to the 01 series of amendments to UN Regulation No. 141 (Tyre pressure monitoring system)</p> <p>ECE/TRANS/WP.29/GRBP/73, based on ECE/TRANS/WP.29/GRBP/2022/2 as amended by GRBP-75-10 and GRBP-75-33</p>	ECE/TRANS/WP.29/2022/87
145	<p>Proposal for Supplement 2 to the original version to UN Regulation No. 145 (ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size)</p> <p>ECE/TRANS/WP.29/GRSP/70, para. 27, based on ECE/TRANS/WP.29/GRSP/2021/27 not amended</p>	ECE/TRANS/WP.29/2022/68
148	<p>Proposal for the 01 series of amendments to UN Regulation No. 148 (Light signalling devices)</p> <p>ECE/TRANS/WP.29/GRE/85, paras. 9 and 33, based on ECE/TRANS/WP.29/GRE/2021/13, as amended by GRE-85-09 and GRE-85-13, and ECE/TRANS/WP.29/GRE/2020/5/Rev.2, as amended by GRE-85-26</p>	ECE/TRANS/WP.29/2022/92
149	<p>Proposal for the 01 series of amendments to UN Regulation No. 149 (Road illumination devices)</p> <p>ECE/TRANS/WP.29/GRE/85, paras. 12 and 31, and ECE/TRANS/WP.29/GRE/83, para. 36, based on ECE/TRANS/WP.29/GRE/2021/14 as amended by GRE-85-09 and GRE-85-14, ECE/TRANS/WP.29/GRE/2021/18, as amended by GRE-85-33 and ECE/TRANS/WP.29/GRE/2020/13/Rev.1 as amended by GRE-83-51</p> <p>ECE/TRANS/WP.29/GRE/2022/4</p>	ECE/TRANS/WP.29/2022/93, WP.29-187-05
150	<p>Proposal for the 01 series of amendments to UN Regulation No. 150 (Retro-reflective devices)</p> <p>ECE/TRANS/WP.29/GRE/85, para. 15, based on ECE/TRANS/WP.29/GRE/2021/15, as</p>	ECE/TRANS/WP.29/2022/94

	amended by GRE-85-15	
157	<p>Proposal for the 01 series of amendments to UN Regulation No. 157 (Automated Lane Keeping Systems)</p> <p>ECE/TRANS/WP.29/GRVA/12, para. 30, based on ECE/TRANS/WP.29/GRVA/2022/3, ECE/TRANS/WP.29/GRVA/2022/4, both amended by GRVA-12-52</p>	ECE/TRANS/WP.29/2022/59
162	<p>Proposal for Supplement 2 to the original series of amendments to UN Regulation No. 162 (Immobilizers)</p> <p>ECE/TRANS/WP.29/GRSG/102, based on GRSG-123-04</p>	ECE/TRANS/WP.29/2022/110
New Regulation	<p>Proposal for a new UN Regulation on Reverse Warning</p> <p>ECE/TRANS/WP.29/GRBP/73, based on ECE/TRANS/WP.29/GRBP/2022/5, as amended by GRBP-75-13</p>	ECE/TRANS/WP.29/2022/88

Global Technical Regulation No	Agenda item title	Document reference
2	<p>Proposal for a new Amendment 5 to UN GTR No. 2 (World-wide Motorcycle emissions Test Cycle (WMTC))</p> <p>ECE/TRANS/WP.29/GRPE/85, para. 50., based on ECE/TRANS/WP.29/GRPE/2022/6 as amended by GRPE-85-38 as reproduced in Addendum 2</p> <p>Proposal for a technical report on the development of a new Amendment 5 to UN GTR No. 2 (Worldwide Motorcycle emissions Test Cycle (WMTC))</p> <p>ECE/TRANS/WP.29/GRPE/85, para. 50</p>	<p>ECE/TRANS/WP.29/2022/108</p> <p>ECE/TRANS/WP.29/2022/109</p>
New GTR	<p>Proposal for a new UN GTR on durability of pollution-control devices for two- and three-wheelers</p> <p>ECE/TRANS/WP.29/GRPE/85, para. 52., based on ECE/TRANS/WP.29/GRPE/2022/7, as amended by GRPE-85-39 as reproduced in Addendum 3</p> <p>Proposal for a technical report on the development of a new UN GTR on durability of pollution-control devices for two- and</p>	<p>ECE/TRANS/WP.29/2022/106</p> <p>ECE/TRANS/WP.29/2022/107</p>

	three-wheelers ECE/TRANS/WP.29/GRPE/85, para. 52	
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Miscellaneous	Agenda item title	Document reference
Consolidated Resolution	Proposal for a new Consolidated Resolution concerning Exhaust Ultra-Fine Particle Number Measurement For Heavy Duty Engines ECE/TRANS/WP.29/GRPE/85, para. 46., based on ECE/TRANS/WP.29/GRPE/2021/17, as amended by GRPE-85-04-Rev.1 as reproduced in Addendum 1	ECE/TRANS/WP.29/2022/105
Authorisation	Authorization to develop amendment 4 to UN GTR No. 3 (Motorcycle braking)	ECE/TRANS/WP.29/2022/47/Rev.1
Guidelines	Proposal for Guidelines and Recommendations concerning Safety Requirements for Automated Driving Systems	ECE/TRANS/WP.29/2022/56
Master document	Proposal for the second iteration of the New Assessment/Test Method for Automated Driving - Master Document ECE/TRANS/WP.29/GRVA/12, para. 24, based on ECE/TRANS/WP.29/GRVA/2022/2, as amended by GRVA-12-12 and reproduced in WP.29-186-09	ECE/TRANS/WP.29/2022/57
Guidelines	Proposal for the New Assessment/Test Method for Automated Driving (NATM) Guidelines for Validating Automated Driving System	ECE/TRANS/WP.29/2022/58
Recommendation	Proposal for recommendations on uniform provisions concerning cyber security and software updates ECE/TRANS/WP.29/GRVA/12, para. 47, based on ECE/TRANS/WP.29/GRVA/2022/5	ECE/TRANS/WP.29/2022/60
Interpretation document	Proposal for amendments to the Interpretation Document ECE/TRANS/WP.29/2021/59 for UN Regulation No. 155 (Cyber security and cyber security management system)	ECE/TRANS/WP.29/2022/61

	ECE/TRANS/WP.29/GRVA/12, para. 46, based on ECE/TRANS/WP.29/2021/59, as amended by GRVA-12-37	
Guidelines	<p>Proposal for amendments to the 'specifications and application guidelines for the Unique Identifier (UI) module' document</p> <p>ECE/TRANS/WP.29/2019/77 ECE/TRANS/WP.29/1161, para. 70, based on ECE/TRANS/WP.29/2019/77, as amended by WP.29-185-13</p>	ECE/TRANS/WP.29/2022/62