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Subject: ANNEXES to the Commission Regulation amending Annex IV to Regulation (EC) No 661/2009 of the European Parliament and of the Council and Annexes I, III and IV to Directive 2007/46/EC of the European Parliament and of the Council as regards updating references to and including certain Regulations of the United Nations Economic Commission for Europe on the type-approval of motor vehicles

Delegations will find attached document D058460.

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ANNEXES 1 to 2

ANNEXES

to the

Commission Regulation

amending Annex IV to Regulation (EC) No 661/2009 of the European Parliament and of the Council and Annexes I, III and IV to Directive 2007/46/EC of the European Parliament and of the Council as regards updating references to and including certain Regulations of the United Nations Economic Commission for Europe on the type-approval of motor vehicles

ANNEX I

Annex IV to Regulation (EC) No 661/2009 is amended as follows:

(1) The table is amended as follows:

(a) the row for regulation number 10 is replaced by the following:

| | | | | |
|------------|-------------------------------|---------------------------------------------|--------------------------|-----------|
| "10 | Electromagnetic compatibility | Supplement 1 to the 05 series of amendments | OJ L 41, 17.2.2017, p. 1 | M, N, O"; |
|------------|-------------------------------|---------------------------------------------|--------------------------|-----------|

(b) the row for regulation number 16 is replaced by the following:

| | | | | |
|------------|---------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------|------------------------|
| "16 | Safety-belts, restraint systems, child restraint systems and ISOFIX child restraint systems | Supplement 2 to the 07 series of amendments | OJ L 109, 27.4.2018, p. 1 | M, N ^(d) "; |
|------------|---------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------|------------------------|

(c) the row for regulation number 34 is replaced by the following:

| | | | | |
|------------|----------------------------------------------|---------------------------------------------|----------------------------|---------------------------|
| "34 | Prevention of fire risks (liquid fuel tanks) | Supplement 1 to the 03 series of amendments | OJ L 231, 26.8.2016, p. 41 | M, N, O ^(e) "; |
|------------|----------------------------------------------|---------------------------------------------|----------------------------|---------------------------|

(d) the row for regulation number 39 is replaced by the following:

| | | | | |
|------------|--------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------|--------|
| "39 | Speedometer equipment including its installation | Supplement 1 to the 01 series of amendments | OJ L ..., ..., p. <i>[Reference to be inserted when published]</i> | M, N"; |
|------------|--------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------|--------|

(e) the row for regulation number 44 is replaced by the following:

| | | | | |
|------------|---------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------|------------------------|
| "44 | Restraining devices for child occupants of power-driven vehicles ("child restraint system") | Supplement 10 to the 04 series of amendments | OJ L 265, 30.9.2016, p. 1 | M, N ^(h) "; |
|------------|---------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------|------------------------|

(f) the row for regulation number 48 is replaced by the following:

| | | | | |
|------------|-------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------|-----------|
| "48 | Installation of lighting and light-signalling devices on motor vehicles | Supplement 10 to the 06 series of amendments | OJ L ..., ..., p. <i>[Reference to be inserted when published]</i> | M, N, O"; |
|------------|-------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------|-----------|

(g) the row for regulation number 58 is replaced by the following:

| | | | | |
|------------|-------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------|-----------|
| "58 | Rear underrun protective devices (RUPDs) and their installation; Rear underrun protection (RUP) | 03 series of amendments | OJ L ..., ..., p. <i>[Reference to be inserted when published]</i> | M, N, O"; |
|------------|-------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------|-----------|

(h) the row for regulation number 67 is replaced by the following:

| | | | | |
|------------|--------------------------|----------------------------------------------|----------------------------|--------|
| "67 | Motor vehicles using LPG | Supplement 14 to the 01 series of amendments | OJ L 285, 20.10.2016, p. 1 | M, N"; |
|------------|--------------------------|----------------------------------------------|----------------------------|--------|

(i) the row for regulation number 79 is replaced by the following:

| | | | | |
|------------|--------------------|-------------------------|-----------------------------------------------------------------------|-----------|
| "79 | Steering equipment | 03 series of amendments | OJ L ..., ..., p. <i>[Reference to be inserted when published]</i> | M, N, O"; |
|------------|--------------------|-------------------------|-----------------------------------------------------------------------|-----------|

(j) the row for regulation number 94 is replaced by the following:

| | | | | |
|------------|-------------------------------------------------------------|-------------------------|-------------------------|-------------------|
| "94 | Protection of occupants in the event of a frontal collision | 03 series of amendments | OJ L 35, 8.2.2018, p. 1 | M ₁ "; |
|------------|-------------------------------------------------------------|-------------------------|-------------------------|-------------------|

(k) the row for regulation number 100 is replaced by the following:

| | | | | |
|-------------|-----------------|---------------------------------------------|-----------------------------------------------------------------------|--------|
| "100 | Electric safety | Supplement 3 to the 02 series of amendments | OJ L ..., ..., p. <i>[Reference to be inserted when published]</i> | M, N"; |
|-------------|-----------------|---------------------------------------------|-----------------------------------------------------------------------|--------|

(l) the row for regulation number 107 is replaced by the following:

| | | | | |
|-------------|--------------------------------------------|---------------------------------------------|---------------------------|------------------------------------|
| "107 | M ₂ and M ₃ vehicles | Supplement 1 to the 07 series of amendments | OJ L 52 of 23.2.2018, p.1 | M ₂ , M ₃ "; |
|-------------|--------------------------------------------|---------------------------------------------|---------------------------|------------------------------------|

(m) the row for regulation number 117 is replaced by the following:

| | | | | |
|-------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------|-----------|
| "117 | Tyres with regard to rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C1, C2 and C3) | Supplement 8 to the 02 series of amendments | OJ L 218, 12.08.2016, p. 1 | M, N, O"; |
|-------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------|-----------|

(n) the row for regulation number 119 is replaced by the following:

| | | | | |
|-------------|-----------------|---------------------------------------------|----------------------------|------------------------|
| "119 | Cornering lamps | Supplement 3 to the 01 series of amendments | OJ L 89, 25.3.2014, p. 101 | M, N ^(h) "; |
|-------------|-----------------|---------------------------------------------|----------------------------|------------------------|

(o) the row for regulation number 123 is replaced by the following:

| | | | | |
|-------------|---------------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------|
| "123 | Adaptive front-lighting systems (AFS) | Supplement 9 to the 01 series of amendments | OJ L ..., ..., p. <i>[Reference to be inserted when published]</i> | M, N ^(h) "; |
|-------------|---------------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------|

(p) the row for regulation number 125 is replaced by the following:

| | | | | |
|-------------|-------------------------|---------------------------------------------|---------------------------|-------------------|
| "125 | Forward field of vision | Supplement 1 to the 01 series of amendments | OJ L 20, 25.1.2018, p. 16 | M ₁ "; |
|-------------|-------------------------|---------------------------------------------|---------------------------|-------------------|

(q) the row for regulation number 128 is replaced by the following:

| | | | | |
|-------------|------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------|-----------|
| "128 | Light Emitting Diode (LED) light sources | Supplement 6 to the original version of the Regulation | OJ L ..., ..., p. <i>[Reference to be inserted when published]</i> | M, N, O"; |
|-------------|------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------|-----------|

(r) the following new rows are added:

| | | | | |
|-------------|-----------------------------------------|--------------------------------------------------------|-----------------------------|---------------------------------------------------|
| "140 | Stability control | Supplement 2 to the original version of the Regulation | OJ L 269, 26.10.2018, p. 17 | M ₁ , N ₁ |
| 141 | Tyre Pressure Monitoring Systems (TPMS) | Original version of the Regulation | OJ L 269, 26.10.2018, p. 36 | M ₁ , N ₁ ⁽ⁱ⁾ "; |

(2) the note (b) to the table is replaced by the following:

'(b) The fitting of an electronic stability control system is required in accordance with Article 12(1) and (2) of Regulation (EC) No 661/2009.'

(3) the note (c) to the table is replaced by the following:

'(c) The fitting of an electronic stability control system is required in accordance with Article 12(1) and (2) of Regulation (EC) No 661/2009.'

(4) the note (f) to the table is replaced by the following:

'(f) Where it is declared by the vehicle manufacturer that a vehicle is suitable for towing loads (point 2.11.5. of Annex I to Directive 2007/46/EC) and any part of a suitable mechanical coupling device, whether fitted or not to the type of motor-vehicle, could (partly) obscure any lighting component and/or the space for mounting and fixing the rear registration plate, the following shall apply:

- the motor-vehicle's user instructions (e.g. owner's manual, vehicle handbook) shall clearly specify that installation of a mechanical coupling device that cannot be easily removed or repositioned is not permitted;
- the instructions shall also clearly specify that, when fitted, a mechanical coupling device must always be removed or repositioned when it is not in use; and
- in the case of vehicle system type-approval according to UN Regulation 55, it shall be ensured that the removal, repositioning and/or alternate location provisions are also fully complied with as regards lighting installation and space for mounting and fixing the rear registration plate.'

(5) the following note (h) to the table is added:

'(h) A Universal International Whole Vehicle Type Approval issued under UN Regulation No 0^(*), that includes type-approval under the respective UN Regulation in the table that refers to this note, shall be considered equivalent to an EC type-approval granted under this Regulation.'

(6) the following note (i) to the table is added:

'(i) Tyre pressure monitoring system for M1 vehicles applies on a compulsory basis in accordance with Article 9(2) of Regulation (EC) No 661/2009. UN Regulation No 141 applies to the approval of vehicles of category M1 up to a maximum mass of 3.500 kg. UN Regulation No 141 may apply on voluntary basis to the approval of vehicles of category N1 that are not fitted with twin wheels on an axle'.

^(*) OJ L 135, 31.5.2018, p. 1.'

ANNEX II

Directive 2007/46/EC is amended as follows:

- (1) in Annex I, the following new points 12.9, 12.9.1. and 12.9.2. are inserted:

'12.9. Acoustic Vehicle Alerting System (AVAS)

12.9.1. Type-approval number of a type of vehicle with regard to its sound emission in accordance with UN Regulation No 138 (OJ L 9, 13.1.2017, p. 33).

12.9.2. Complete reference of the test results of AVAS sound emission levels, measured in accordance with Regulation (EU) No 540/2014 of the European Parliament and of the Council**.

** Regulation (EU) No 540/2014 of the European Parliament and of the Council of 16 April 2014 on the sound level of motor vehicles and of replacement silencing systems, and amending Directive 2007/46/EC and repealing Directive 70/157/EEC (OJ L 158, 27.5.2014, p. 131).';

- (2) in Annex III, in Section A of Part I, the following new points 12.9., 12.9.1. and 12.9.2. are inserted:

'12.9. Acoustic Vehicle Alerting System (AVAS)

12.9.1. Type-approval number of a type of vehicle with regard to its sound emission in accordance with UN Regulation No 138 (OJ L 9, 13.1.2017, p. 33).

12.9.2. Complete reference of the test results of AVAS sound emission levels, measured in accordance with Regulation (EU) No 540/2014.';

- (3) in Annex IV, PART II is amended as follows:

- (a) the first paragraph below the title is replaced by the following:

'Where reference is made to a separate Directive or Regulation in the table of Part I, a Universal International Whole Vehicle Type Approval issued under UN Regulation No 0^(***) that includes type-approval under the relevant of the following UN Regulations or an approval issued under the following UN regulations to which the Union has acceded as a Contracting Party to the United Nations Economic Commission for Europe 'Revised 1958 Agreement' by virtue of Council Decision 97/836/EC^(****), or subsequent Council decisions as referred to in Article 3(3) of that Decision, shall be considered equivalent to an EC type-approval granted under the relevant separate Directive or Regulation.

(***) OJ L 135, 31.5.2018, p. 1.

(****) OJ L 346, 17.12.1997, p. 78.;

(b) the table is replaced by the following:

| | 'Subject | UN regulations | Series of amendments |
|-------------------|----------------------------------------------------------------------------------|----------------|----------------------|
| 1 ^(a) | Permissible sound level | 51 59 | 02 01 |
| 1a | Permissible sound level (not covering AVAS and replacement silencers) | 51 | 03 |
| | Acoustic Vehicle Alerting System (AVAS) | 138 | 01 |
| | Replacement silencing systems | 59 | 02 |
| 58 | Pedestrian protection (not covering brake assist and frontal protection systems) | 127 | 00 |
| | Brake assist system | 139 | 00 |
| 59 ^(b) | Recyclability | 133 | 00 |
| 62 ^(c) | Hydrogen storage systems | 134 | 00 |
| 65 | Advanced emergency braking systems | 131 | 01 |
| 66 | Lane departure warning system | 130 | 00 |

Installation requirements contained in a separate directive or regulation shall apply also to components and separate technical units approved in accordance with the UN regulations.

(a) The numbering of the entries in this table refers to the numbering used in the table of Part I.

(b) The requirements set out in Annex I to Directive 2005/64/EC shall apply.

(c) The type-approval of hydrogen storage systems and all closure devices (each specific component) is mandatory and does not cover the material qualifications of all components that are covered by Article 2(2) of Regulation (EC) No 79/2009 of the European Parliament and of the Council.¹