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|  | United Nations | ECE/TRANS/WP.29/2021/84 |
| _unlogo | **Economic and Social Council** | Distr.: General8 September 2021Original: English |

**Economic Commission for Europe**

Inland Transport Committee

**World Forum for Harmonization of Vehicle Regulations**

**185th session**

Geneva, 23-25 November 2021

Item 4.3.1. of the provisional agenda

**1958 Agreement:
Development of the International Whole
Vehicle Type Approval (IWVTA)**

 Proposal for the 04 series of amendments to UN Regulation No. 0 (IWVTA)

 Submitted by the Informal Working Group on the International Whole Vehicle Type Approval [[1]](#footnote-2)\*

The text reproduced below was considered by the World Forum for Harmonization of Vehicle Regulations at its 184th session, held in June 2021 (ECE/TRANS/WP.29/1159, para. 85). It is based on WP.29-184-07. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and the Administrative Committee of the 1958 Agreement (AC.1) for consideration and vote at their November 2021 sessions.

*Annex 4, Part A, Section I (List of requirements for U-IWVTA),* amend to read:

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|  | *Version of UN Regulation* |
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| *Number* | *Topic* | *UN Regulation1* | *Series of amendments2* |
| 1 | Retro-reflecting devices for power-driven vehicles and their trailers  | 35 | 03 |
| 2 | Devices for the illumination of rear registration plates of power-driven vehicles and their trailers | 43 | 01 |
| 3 | Direction indicators for power-driven vehicles and their trailers | 63 | 02 |
| 4 | Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers  | 73 | 03 |
| 5 | Vehicles with regard to electromagnetic compatibility | 10 | 05 |
| 6 | Vehicles with regard to door latches and door retention components  | 11 | 04 |
| 7 | Vehicles with regard to the protection of the driver against the steering mechanism in the event of impact | 12 | 04 |
| 8 | Brakes of M1 and N1 vehicles | 13-H | 01 |
| 9 | Vehicles with regard to safety-belt anchorages | 14 | 09 |
| 10 | Safety-belts, restraint systems, child restraint systems and ISOFIX child restraint systems  | 16 | 08 |
| 11 | Vehicles with regard to the seats, their anchorages and any head restraints | 17 | 10 |
| 12 | Power-driven vehicle front fog lamps  | 19\*, 4 | 05 |
| 13 | Vehicles with regard to their interior fittings | 21 | 01 |
| 14 | Reversing and maneuvering lamps for power-driven vehicles and their trailers | 233 | 01 |
| 15 | Vehicles with regard to their external projections | 26 | 04 |
| 16 | Audible warning devices and of motor vehicles with regard to their audible signals | 28 | 00 |
| 17 | Pneumatic tyres for motor vehicles and their trailers (Tyres should be type approved to UN Regulation No. 30 or UN Regulation No. 54.) | 30 | 02 |
| 18 | Vehicles with regard to the prevention of fire risks | 34 | 03 |
| 19 | Rear fog lamps for power-driven vehicles and their trailers | 383 | 01 |
| 20 | The speedometer and odometer equipment including installation | 39 | 01 |
| 21 | Safety glazing materials and their installation on vehicles | 43 | 01 |
| 22 | Restraining devices for child occupants of power-driven vehicles (only inasmuch as it relates to built-in vehicle booster cushions but not covering standalone child seats) | 44\* | 04 |
| 23 | Headlamp cleaners, and of power-driven vehicles with regard to headlamp cleaners | 45\* | 01 |
| 24 | Devices for indirect vision including installation | 46 | 04 |
| 25 | Installation of lighting and light-signaling devices | 48 | 07 |
| 26 | Motor vehicles having at least four wheels with regard to their sound emissions | 51 | 03 |
| 27 | Pneumatic tyres for commercial vehicles and their trailers (Tyres should be type approved to UN Regulation No. 30 or UN Regulation No. 54.) | 54 | 00 |
| 28 | Rear Underrun Protective Devices (RUPDs) and the installation of a RUPD of an approved type, Rear Underrun Protection (RUP) | 58 | 03 |
| 29 | A temporary-use spare unit, run-flat tyres | 64\* | 03 |
| 30 | Parking lamps for power-driven vehicles | 77\*, 3 | 01 |
| 31 | Vehicles with regard to steering equipment | 79 | 03 |
| 32 | Internal combustion engines or electric drive trains intended for the propulsion of motor vehicles of categories M and N with regard to the measurement of the net power and the maximum 30 minutes power of electric drive trains (Engine power) | 85 | 00 |
| 33 | Daytime running lamps for power-driven vehicles | 873 | 01 |
| 34 | Side marker lamps for motor vehicles and their trailers | 91\*, 3 | 01 |
| 35 | Protection of occupants in the event of a frontal collision | 94 | 03 |
| 36 | Protection of occupants in the event of a lateral collision | 95 | 04 |
| 37 | Motor vehicle headlamps equipped with gas-discharge light sources | 98\*, 4 | 02 |
| 38 | Vehicles with regard to specific requirements for the electric power train  | 100\* | 02 |
| 39 | Vehicles with regard to the installation of specific components for the use of CNG and/or LNG in their propulsion system | 110\*  | 04 |
| 40 | Motor vehicles headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules | 112\*, 4 | 02 |
| 41 | Tyres with regard to rolling sound emissions and/or to adhesion on wet surfaces and/or to rolling resistance | 117 | 02 |
| 42 | Cornering lamps for power-driven vehicles | 119\*, 4 | 02 |
| 43 | Vehicles with regard to the location and identification of hand controls, tell-tales and indicators | 121 | 01 |
| 44 | Adaptive Front-lighting Systems (AFS) for motor vehicles | 123\*, 4 | 02 |
| 45 | Motor vehicles with regard to the forward field of vision of the motor vehicle driver | 125 | 01 |
| 46 | Motor vehicles with regard to their pedestrian safety performance | 127 | 02 |
| 47 | Motor vehicles with regard to the safety related performance of hydrogen-fuelled vehicles | 134\* | 00 |
| 48 | Vehicles with regard to their Pole Side Impact performance | 135 | 01 |
| 49 | Passenger cars in the event of a frontal collision with focus on the restraint system | 137 | 01 |
| 50 | Quiet Road Transport Vehicles with regard to their reduced audibility | 138\* | 01 |
| 51 | Brake assist systems | 139 | 00 |
| 52 | Electronic stability control systems | 140 | 00 |
| 53 | Tyre pressure monitoring systems | 141 | 01 |
| 54 | Tyre installation  | 142 | 01 |
| 55 | Light signaling devices (LSD) | 1483 | 00 |
| 56 | Road illumination devices (RID) | 1494  | 00 |
| 57 | Retro-reflective devices (RRD) | 1505 | 00 |
| 58 | WLTP | 154 | 01 |
| 59 | The protection of motor vehicles against unauthorized use (Locking system) | 161 |  |
| 60 | Immobilizers | 162\* |  |
| 61 | Vehicle alarm system | 163\* |  |
| 1 If a UN Regulation number is followed by an asterisk "\*" this indicates that the respective requirement applies only if the corresponding system is fitted to the vehicle. This then means that for the purpose of a U-IWVTA both vehicles with or without this system are acceptable. However, where the system is fitted to the vehicle, the requirement applies. The same also applies to systems not identified by \* where it can be demonstrated that the corresponding requirements are not applicable to the IWVTA type.2 The entry is understood as the required minimum, i.e. including all supplements in force at the time the approval is issued. Approvals to any later versions have to be equally accepted in accordance with paragraph 13.3. of this Regulation.3 Either type approval according to UN Regulation No. 148 or the applicable type approval(s) according to UN Regulations Nos. 4, 6, 7, 23, 38, 77, 87 and/or 91 is/are necessary.4 Either type approval of UN Regulation No. 149 or the applicable type approval(s) of Regulation No. 19, 98, 112, 119 and/or 123 is/are necessary.5 Either type approval of UN Regulation No. 150 or that of UN Regulation No. 3 is necessary." |

*Annex 8*

*Paragraph 1.2., subparagraph (a),* amend to read:

"(a) Two digits …… technical provisions of this Regulation applied to the approval (04 for this Regulation as amended by the 04 series of amendments);"

1. \* In accordance with the programme of work of the Inland Transport Committee for 2021 as outlined in proposed programme budget for 2021 (A/75/6 (part V sect. 20) para 20.51), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate. [↑](#footnote-ref-2)