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Item 14(b) of the provisional agenda

Exchange of views on vehicle automation:

Categorization of automated vehicles and autonomous vehicle regulation screening

Proposal for supplement 1 to the 07 Series of Amendments to UN Regulation No. 46 (Safety Glazing)

Submitted by the expert from the Kingdom of the Netherlands on behalf of the Task Force on Automated Vehicles Regulatory Screening*

The text reproduced below was prepared by the expert from the Kingdom of the Netherlands on behalf of the Task Force on Automated Vehicles Regulatory Screening (TF-AVRS). The modifications to the current text of the UN Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in proposed programme budget for 2025 (A/79/6 (Sect. 20), table 20.6), the World Forum will develop, harmonize and update UN Regulations to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Proposal

Insert new paragraphs 0. and 0.1. to 0.1.3., to read:

"0. Introduction

- 0.1. Supplement 1 to the 07 series of amendments is introduced to take into account vehicles of categories X and Y, as well as vehicles with a manual mode operating at speeds above 6 km/h which are equipped with an Automated Driving System (ADS).**
- 0.1.1. The scope is updated to reflect that this Regulation does not apply to vehicles of categories X and Y, since such vehicles do not have a (human) driver and therefore do not need to provide indirect vision.**
- 0.1.2. In case of vehicles equipped with an ADS other than vehicles of categories X and Y, in the manual driving mode no special provisions or exemptions apply. In a mode where an ADS feature is active the relevant ADS requirements apply."**

Paragraph 1. - Scope, amend to read:

"1. Scope

- 1.1. This Regulation applies:**
- (a) To compulsory and optional devices for indirect vision, set out in the table under paragraph 15.2.1.1.1. of this Regulation for vehicles of category M and N¹ and to compulsory and optional devices for indirect vision mentioned in paragraphs 15.2.1.1.3. and 15.2.1.1.4. of this Regulation for vehicles of category L¹ with bodywork at least partly enclosing the driver;
 - (b) To the installation of devices for indirect visions on vehicles of categories M and N and on vehicles of category L¹ with bodywork at least partly enclosing the driver.
 - (c) To the installation of surveillance mirrors and surveillance camera monitor-recording devices with regard to the requirements of paragraphs 15.2.1.2. and 16.3. respectively of this Regulation as applicable. These devices do not need to fulfil any other technical requirements of this Regulation."
- 1.2. This Regulation does not apply:**
- (a) To devices other than those prescribed under paragraph 1.1.(a) for observing the vision area(s) immediately adjacent to the front and/or the passenger's side of vehicles of category M₁, M₂, M₃, N₁ and N₂ ≤ 7.5 t.
 - (b) **To vehicles of category X and Y ¹.**"

Paragraph 1.1. and 1.2., footnote 1, amend to read:

¹ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.78, para. 2 - <https://unece.org/transport/vehicle-regulations/wp29/resolutions>"

Insert paragraph 15.1.5., to read:

- "15.1.5. The requirements in part II do not apply while an ADS^x feature is active. In case of vehicles equipped with an ADS, the requirements of Part II shall apply at the latest [500 ms] after the ADS initiates or receives the request to start the process of transferring DDT back to the driver."**

Insert footnote x, to read:

^x As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev. 8, para. 2 - <https://unece.org/transport/vehicle-regulations/wp29/resolutions>"
