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Item 13 of the provisional agenda

UN Regulation No. 125 (Forward Field of Vision of Drivers)**Proposal for supplement 1 to the 02 series of amendments of
UN Regulation No. 125****Submitted by the expert from the Netherlands on behalf of the
GRSG Task Force on FVA ***

The text reproduced below was prepared by the GRSG Task Force on FVA to further clarify the provisions for Field of Vision Assistants (FVA). It is based on Working Document GRSG/2021/12 as amended by the informal document GRSG-121-15/Rev.1. 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 2021 as outlined in proposed programme budget for 2021 (A/75/6 (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.



I. Proposal

Paragraph 5.1.3.4., amend to read:

“5.1.3.4. An obstruction between a plane through V2, and declined at least 1° below the horizontal and a plane through V2 and declined 4° below the horizontal will be tolerated if the conical projection of this obstruction, starting from V2, on an area "S" as defined in paragraph ~~5.1.3.2.1.~~ **5.1.3.4.1.** below does not exceed 20 per cent of this area.

Paragraph 5.1.3.5., amend to read:

"5.1.3.5. The transparent field of vision as defined in paragraph 5.1.1. may be overlaid by information of a Field of Vision Assistant. The provisions of paragraph 5.1.3.5.1. to 5.1.3.5.5. and of paragraph 5.1.3.6. are applying to information from an FVA if overlaid in the transparent field of vision and ~~outside~~ **above and on the sides** of area S **in the transparent area.**

The information displayed by the FVA may be non-driving related, hence different to that listed in paragraph 5.1.3.5.1. and not submitted to the provisions of paragraph 5.1.3.5.1. to 5.1.3.5.5., as long as the parking gear/brake has not been released for the first time after the activation of the vehicle master control switch.”

Annex 5, amend to read:

"Annex 5

Field of View Assistant

Examples for Warning / Highlight / Information as specified in paragraph 5.3.5.1.:

	Examples
Warning/Highlight hazardous traffic situation	Abrupt braking situations Oncoming traffic in turning manoeuvres Oncoming Traffic Jam/vehicle break down. Vehicles leaving the lane or entering the own driving path
Warning/highlight vulnerable road users or other road users which may be overseen	Pedestrians Cyclists Crossing road users Road users in blind spot or road users covered by other objects Animals
Information to maintain the distances to surrounding road user and infrastructure	Distance to vehicle in front Lane keep assist, lane change assist, speed limits changes
Information to find and maintain the correct driveway and to follow the road instructions	Navigation Information, symbols and arrows during automatic lane change

	(Directions, Remaining distance to target, border crossings) Highlighting stop lines and pedestrian crosswalks
Information to support driver's setting	Highlighting edges of the position of the FVA area during adjustment

II. Justification

1. Paragraph 5.1.3.4. Reference to area "S" is corrected to paragraph 5.1.3.4.1.
 2. Paragraph 5.1.3.5. further clarifies that the requirements shall apply above and on the sides of area S, since obstructions are only examined in the area up to 4° down from V₂.
 3. Annex 5: addition to the list of possible information displayed by the FVA: including marking, lines and edges to assist the adjustment procedure of the FVA system.
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