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Item 4.8.5 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRVA

Proposal for Supplement 1 to the 03 series of amendments to UN Regulation No. 79 (Steering equipment)

Submitted by the Working Party on Automated/Autonomous and Connected Vehicles*

The text reproduced below was adopted by the Working Party on Working Party on Automated/Autonomous and Connected Vehicles (GRVA) at its second session (ECE/TRANS/WP.29/GRVA/2, para. 36). It is based on ECE/TRANS/WP.29/GRVA/2019/10 as amended by Annex III to the report. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration at their June 2019 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21/Add.1, Cluster 3.1), 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.

Supplement 1 to the 03 series of amendments to UN Regulation No. 79 (Steering equipment)

"5.1.6.1.1. Every CSF intervention shall ..., whichever is longer.

When a flashing mode is used, a lighting phase shall be visible at the end of the intervention or later.

In the case of a CSF intervention ... optical warning signal specified above."

Paragraph 5.1.6.2.6., amend to read:

"5.1.6.2.6. Any intervention of an ESF shall be indicated to the driver with an optical and with an acoustic or haptic warning signal to be provided at the latest with the start of the ESF intervention and maintained as long as the intervention exists.

For this purpose appropriate ... fulfil the requirements for the respective optical, acoustic or haptic signals above."

Paragraph 5.6.4.2.3., amend to read:

"5.6.4.2.3. The system shall only be activated (standby mode) after a deliberate action by the driver.

Activation by the driver ... least two independent means.

In the case of a transition from a road type with a classification permitting an ACSF of Category C, to a type of road where an ACSF of Category C is not permitted, the system shall be deactivated automatically (off mode)."

Paragraph 5.6.4.5.6., amend to read:

"5.6.4.5.6. The system shall provide ... in accordance with the warning strategy below:

If, after a period of no longer than 3s after the initiation of the lane change procedure and before the start of the lane change manoeuvre, the driver is not holding the steering control, an optical warning signal shall be provided. This signal shall be the same as the signal specified in paragraph 5.6.2.2.5. above.

The warning signal shall be active until the driver is holding the steering control, or until the system is deactivated, either manually or automatically according to 5.6.4.6.8."
