



Economic and Social Council

Distr.: General
31 August 2022

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

188th session

Geneva, 14-16 November 2022

Item 4.10.1 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRVA

Proposal for a Supplement 20 to the 11 series of amendments to UN Regulation No. 13 (Heavy Vehicle Braking)

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

The text reproduced below was adopted by the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) at its thirteenth session (see ECE/TRANS/WP.29/GRVA/13). It is based on ECE/TRANS/WP.29/GRVA/2022/11, amended by GRVA-13-22/Rev.1. 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 November 2022 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2022 as outlined in proposed programme budget for 2022 (A/76/6 (Sect.20), para 20.76), 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.



Insert new paragraph 5.2.1.26.5., to read:

"5.2.1.26.5. If the parking braking system detects a request (generated automatically or by the driver):

- (a) To fully apply the parking brake (i.e. to reach the mechanically locked position of the parking brake), or
- (b) To gradually control the parking brake action,

The actuation of the warning as required in paragraph 2.6. of Annex 8 may be delayed until the parking brake system has detected the correct clamping of the parking brake. The yellow warning signal specified in paragraph 5.2.1.29.1.2. shall be displayed at the latest 10s after the request for a full parking brake application, in the case the stable state is not reached."
