



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 195th session

Geneva, 4–7 March 2025

Item 4.6.2 of the provisional agenda

#### 1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRBP

## Proposal for Supplement 1 to the 02 series of amendments to UN Regulation No. 138 (Quiet Road Transport Vehicles)

### Submitted by the Working Party on Noise and Tyres\*

The text reproduced below was adopted by the Working Party on Noise and Tyres (GRBP) at its eightieth session (ECE/TRANS/WP.29/GRBP/78, para. 16). It is based on ECE/TRANS/WP.29/GRBP/2024/20. 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 March 2025 sessions.

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\* 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 in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



*Paragraph 6.2.8., amend to read:*

"6.2.8. Specifications on minimum and maximum sound level for AVAS sound

When tested under the conditions of Annex 3 paragraph 3.3.2., a vehicle which is equipped with an AVAS shall fulfil the requirements of Table 2a, Table 2b and Table 3.

The sound emission of the vehicle under typical on-road driving conditions, which are different from those under which the type approval test set out in Annex 3 was carried out, shall not deviate from the test result in a significant manner.

In the speed range of Table 2a and Table 2b and when tested under the conditions of Annex 3 paragraph 3.3.2., a vehicle which is equipped with an AVAS, shall not emit an AVAS overall sound level of more than 75 dB(A), if driving in forward direction. This test can be stated by manufacturer declaration.

During measurement in reverse the maximum level requirement at the front plane of the vehicle for forward driving shall be fulfilled in addition to the requirement at the rear plane. The maximum level requirement at the front plane of the vehicle at standstill condition in reverse shall be equal to the maximum level requirement in motion. This can be stated by manufacturer declaration.

The sound levels measured and reported shall be mathematically rounded to the nearest integer value."

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