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World Forum for Harmonization of Vehicle Regulations

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Item 4.9.2 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRBP

Proposal for Supplement 2 to the 01 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 seventy-first session (ECE/TRANS/WP.29/GRBP/69, para. 11). It is based on Annex V 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 2020 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2020 as outlined in proposed programme budget for 2020 (A/74/6 (part V sect. 20) para 20.37), 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.

Annex 3

Paragraph 2.1.2., amend to read:

"2.1.2. Outdoor testing

The test site shall be substantially level. For the measurement of vehicles in motion, the test track construction and surface shall meet the requirements of ISO 10844:2014. For the measurement of vehicles at a standstill, the test area shall be either:

- (a) ISO 10844:2014; or
- (b) Other dense asphalt; or
- (c) Dense concrete.

Within a radius of 50 m around the centre of the track, the space shall be free of large reflecting objects such as fences, rocks, bridges or buildings. The test track and the surface of the site shall be dry and free from absorbing materials such as powdery snow, or loose debris.

In the vicinity of the microphones, there shall be no obstacle that could influence the acoustic field and no person shall remain between the microphone and the noise source. The meter observer shall be positioned so as not to influence the meter reading. Microphones shall be located as specified in Figures 1 of the Appendix to this annex."
