Economic Commission for Europe
Inland Transport Committee
World Forum for Harmonization of Vehicle Regulations

154th session
Geneva, 21–24 June 2011
Item 4.9.2 of the provisional agenda
1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRB

Proposal for Supplement 8 to the 02 series of amendments to
Regulation No. 51 (Noise of M and N categories of vehicles)

Submitted by the Working Party on Noise*

The text reproduced below was adopted by the Working Party on Noise (GRB) at its
fifty-third session to eliminate the contribution of the tyre under very high torque on the
overall noise level when performing the Wide Open Throttle (WOT) test according to
Method B. It is based on ECE/TRANS/WP.29/GRB/2011/7, not amended
(ECE/TRANS/WP.29/GRB/51, para. 5). It is submitted to the World Forum for
Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee
(AC.1) for consideration.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014
(ECE/TRANS/208/, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum
will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The
present document is submitted in conformity with that mandate.
Annex 10, paragraph 2.2.2., amend to read (including the existing footnote²):

"2.2.2. The tyres to be used for the test shall be representative for the vehicle and shall be selected by the vehicle manufacturer and recorded in Annex 9. They shall correspond to one of the tyre sizes designated for the vehicle as original equipment. The tyre is or will be commercially available on the market at the same time as the vehicle². The tyres shall be inflated to the pressure recommended by the vehicle manufacturer for the test mass of the vehicle. The tyres shall have a tread depth of at least 80 per cent of the full tread depth.

² The tyre contribution for overall sound emission being important, this vehicle Regulation has taken into account the tyre/road sound emission regulations. Traction tyres, snow tyres and special use tyres according to Regulation No. 117 as amended by the 02 series of amendments (2010) shall be excluded during type-approval- and COP-measurements on request of the manufacturer."