ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on Noise

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Geneva, 1 - 3 September 2008
Item 3 of the provisional agenda

REGULATION No. 51
(Noise of M and N categories of vehicles)

Proposal for amendments to Regulation No. 51

Submitted by the expert from the European Association of Automotive Suppliers ∗/

The proposal reproduced below was prepared by the expert from the European Association of Automotive Suppliers (CLEPA). It is based on informal document GRB-47-2 (ECE/TRANS/WP.29/GRB/45, para. 9). It aims to amend the test procedure of the regulation in Regulation No. 51, providing reference values to achieve a revised test procedure. The proposal reverses the procedure currently described in Regulation No. 51. The modifications to the current test are marked in bold or strikethrough.

∗/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

Annex 3

Paragraph 3.2.5.3.2.2., amend to read:

"3.2.5.3.2.2. Test procedure

The engine speed shall be gradually increased from idle to the target engine speed, not exceeding a tolerance ~~band~~ of ± **3** per cent of the target engine speed, and held constant. ~~Then the throttle control shall be rapidly released and the engine speed shall return to idle~~. **The noise** level shall be measured during a period **of operation** consisting of **the entire speed of 1 second** ~~and through the engine declaration period~~. The maximum sound level meter reading**, mathematically rounded to the first decimal place, is taken** as the test value. "

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