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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on Noise

Forty-eighth session 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.

 $[\]frac{*}{1}$ 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.

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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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