



**Economic and Social  
Council**

Distr.  
GENERAL

TRANS/WP.29/GRB/2003/2  
29 August 2003

ENGLISH  
Original: ENGLISH AND FRENCH  
ENGLISH AND FRENCH ONLY

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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Noise (GRB)

(Thirty-eighth session, 9-10 October 2003,  
agenda item 1.2.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 59

(Replacement silencing systems)

Transmitted by the expert from the Russian Federation

Note: The text reproduced below was prepared by the expert from the Russian Federation in order to clarify in the Regulation the verification procedure for the conformity of production (COP). This proposal is based on the text of a document without a symbol (informal document No. 4), distributed during the thirty-seventh session of GRB (see TRANS/WP.29/GBR/35, para. 22).

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Note: This document is distributed to the Experts on Noise only.

**A. PROPOSAL**

Paragraphs 3.3.3.1. and 3.3.3.2., amend to read:

"3.3.3.1. The sound level, measured according to Regulation No. 51 as amended at the time of approval of that vehicle type,

- on moved vehicle shall not exceed more than 1 dB(A) the limit value applicable to the category of vehicle concerned at the time of approval of that vehicle type; it shall not exceed more than 3 dB(A) the sound level indicated in the approval form of that vehicle type;
- when the vehicle is stationary, shall not exceed more than 3 dB(A) the reference value indicated in the approval form of that vehicle type.

3.3.3.2. If a vehicle is not relevant to the type for which the approval was granted pursuant to the requirements of the Regulation No. 51, the sound level shall not exceed more than 1 dB(A) the limit value applicable at the time when it was introduced on the road the first time (as specified by Regulation No. 51 as amended at the time of the vehicle first introduction on the road)."

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**B. JUSTIFICATION**

When using the wording of paragraph 3.3.3. offered in TRANS/WP.29/GRB/2002/1/Rev.1 the following difficulties arise:

- paragraph 4.1. of appendix 7 to ECE Regulation No. 51 applies to checking conformity of production of the approved vehicle type as regards the noise level, and this appendix is absent in a series 01 of amendments to ECE Regulation No. 51.
- in paragraph 4.1. of appendix 7 to ECE Regulation No. 51 there are no requirements to noise level, measured on a stationary vehicle. At the same time the estimation of acoustic efficiency of replaceable exhaust system will be carried out by two ways - in motion and stationary (para. 6.2. of ECE Regulation No. 59).
- the proposed edition in document TRANS/WP.29/2002/1/Rev.1 will not specify the certification procedure of replaceable exhaust system for vehicles, which for any reasons would not pass the official type approval.

Taking the above stated into account, the wording of paragraph 3.3.3. offered in this document was proposed earlier by experts of the Russian Federation (TRANS/WP.29/GRB/2001/9) and reflects the situation arising at certification of replaceable exhaust systems more adequately.

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