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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 168<sup>th</sup> session

Geneva, 8-11 March 2016

Item 4.6.2 of the provisional agenda

#### **1958 Agreement – Consideration of draft amendments to existing Regulations submitted by GRB**

## **Proposal for Supplement 1 to the 03 series of amendments to Regulation No. 51 (Sound 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 sixty-second session (ECE/TRANS/WP.29/GRB/60, para. 8). It is based on Annex III 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 March 2016 sessions.

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\* In accordance with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, 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 3,*

*Paragraph 3.1.3.,* amend to read:

"3.1.3. ...

If a sound peak obviously out of character with the general sound pressure level is observed, the measurement shall be discarded. At least four measurements for each test condition shall be made on each side of the vehicle and for each gear ratio. Left and right sides may be measured simultaneously or sequentially. The first four valid consecutive measurement results, within 2 dB(A), allowing for the deletion of non-valid results (see paragraph 2.1.), shall be used for the calculation of the final result for the given side of the vehicle. The results of each side shall be averaged separately and rounded to the first decimal place. All further calculations to derive  $L_{\text{urban}}$  shall be done separately for the left and right vehicle side. The final value to be reported as the test result mathematically rounded to the nearest integer shall be the higher value of the two sides.

..."

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