



Economic and Social Council

Distr.: General
19 August 2013

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

161st session

Geneva, 12-15 November 2013

Item 4.6.28 of the provisional agenda

1958 Agreement – Consideration of draft amendments to existing Regulations submitted by GRE

Proposal for Supplement 5 to the 01 series of amendments to Regulation No. 123 (Adaptive front lighting systems (AFS))

Submitted by the Working Party on Light and Light-signalling*

The text reproduced below was adopted by the Working Party on Light and Light-signalling (GRE) at its sixty-ninth session (ECE/TRANS/WP.29/GRE/69, para. 24). It is based on ECE/TRANS/WP.29/GRE/2013/10 not amended. 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 7, paragraph 4., amend to read:

"4. Change of the vertical position of the cut-off line for passing beam

With respect to the verification of the change in vertical position of the cut-off line for passing beam under the influence of heat, the following procedure shall be applied:

One of the systems of sample A after sampling procedure in Figure 1 of this annex shall be tested according to the procedure described in paragraph 2.1. of Annex 4 after being subjected three consecutive times to the cycle described in paragraph 2.2.2. of Annex 4.

The system shall be considered as acceptable if Δr does not exceed 1.5 mrad upwards and does not exceed 2.5 mrad downwards.

If this value exceeds 1.5 mrad but is not more than 2.0 mrad upwards or exceeds 2.5 mrad but is not more than 3.0 mrad downwards, the second system of sample A shall be subjected to the test after which the mean of the absolute values recorded on both samples shall not exceed 1.5 mrad upwards and shall not exceed 2.5 mrad downwards.

However, if this value of 1.5 mrad upwards and 2.5 mrad downwards on sample A is not complied with, the two systems of sample B shall be subjected to the same procedure and the value of Δr for each of them shall not exceed 1.5 mrad upwards and shall not exceed 2.5 mrad downwards."
