

**Economic and Social Council**Distr.: General
25 August 2014

Original: English

Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****164th session**

Geneva, 11-14 November 2014

Item 4.10.3 of the provisional agenda

1958 Agreement – Consideration of draft amendments to existing Regulations submitted by GRE after reconsideration of the proposals referred back by WP.29 at its November 2013 and March 2014 sessions**Proposal for Supplement 5 to the 01 series of amendments to Regulation No. 112 (Headlamps emitting and asymmetrical passing-beam)****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, paras. 20 and 24) and was submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) as document ECE/TRANS/WP.29/2013/92. At its November 2013 session, WP.29 referred this document back to GRE due to concerns over the conformity of production (CoP) provisions (ECE/TRANS/WP.29/1106, para. 54). In April 2014, GRE agreed to delete the CoP provisions from the document and requested the secretariat to submit a revised version to WP.29 and to the Administrative Committee (AC.1) at their November 2014 sessions (ECE/TRANS/WP.29/GRE/71, para. 66). The present revised proposal will also be reviewed by GRE at its October 2014 session. It is submitted to WP.29 and to AC.1 for consideration.

* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, 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

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

One of the headlamps 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 headlamp 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 headlamp of sample A shall be subjected to the test after which the mean of the absolute values recorded in 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 headlamps 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."
