

**Economic and Social Council**Distr.: General  
25 January 2013

Original: English

---

**Economic Commission for Europe****Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Lighting and Light-Signalling****Sixty-ninth session**

Geneva, 8-11 April 2013

Item 4(b) of the provisional agenda

**Regulations No. 48 – Proposal for Supplement 3  
to the 06 series of amendments****Proposal for Supplement 3 to the 06 series of amendments to  
Regulation No. 48 (Installation of lighting and light-signalling  
devices)****Submitted by the expert from Germany\***

The text reproduced below was prepared by the expert from Germany, to clarify the requirements and to avoid the need for tell-tale in case of one or more Light Emitting Diode(s) (LEDs) or LED module(s), used to produce the principal passing beam, is (are) wired so that the failure of any LED or LED module does cause all of them to stop emitting light. The modification to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

---

\* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106, 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.

## I. Proposal

*Paragraph 6.2.8., amend to read:*

"6.2.8. Tell-tale

6.2.8.1. Tell-tale optional

A visual tell-tale whether flashing or not is mandatory

**6.2.8.2.1. where the whole beam or the kink of the elbow of the cut-off is moved to produce bend lighting; it shall be activated in the event of a malfunction of the displacement of the kink of the elbow of the cut-off;**

**6.2.8.2.2. where one or more LED(s) or LED module(s), used to produce the principal passing beam, is (are) wired so that the failure of any one LED or LED module does not cause all of them to stop emitting light; it shall be activated in case of a failure of any one LED or LED module.**

**6.2.8.3. The tell-tale according to paragraph 6.2.8.1. or 6.2.8.2. above shall remain activated while the malfunction or failure is present. It may be cancelled temporarily, but shall be repeated whenever the device which starts and stops the engine is switched on or off."**

## II. Justification

1. The proposal is intended to introduce a provision for the case where the LED`s or LED modules producing the principal passing beam are wired such that the failure of one of them does not cause all of them to stop emitting light. The text has been copied from paragraph 6.1.7.1. of UN Regulation No. 7.

2. In addition, the text of paragraph 6.2.8. has been re-organized to make it more readable.

---