

**Economic and Social Council**

Distr.: General  
14 January 2011

Original: English  
English and French only

---

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

Geneva, 28–31 March 2011

Item 5(d) of the provisional agenda

**Collective amendments—Regulations Nos. 19, 48,  
98, 99, 113 and 123**

**Proposal for Supplement [8] to the 04 series of amendments  
to Regulation No. 48 (Installation of lighting and light-  
signalling devices)****Submitted by the expert from the Working Party "Brussels 1952"\***

The text reproduced below was prepared by the expert from the Working Party "Brussels 1952" (GTB) to support the proposal in GRE-64-57 presented at the sixty-fourth session of GRE with the addition of transitional provisions. The modifications to the existing text of the Regulation No. 48, including draft Supplement 7 to the 04 series of amendments (ECE/TRANS/WP.29/2011/11), 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 6.2.9., amend to read:*

"6.2.9. Other requirements

...

With respect to vertical inclination the provisions of paragraph 6.2.6.2.2. above shall not be applied for dipped-beam headlamps:

- (a) With LED module(s) producing the principal dipped beam, or
- (b) With a light source producing the principal dipped beam and having an objective luminous flux which exceeds 2,000 lumen, or
- (c) **With a light source according to Regulation No. 99 producing the principal dipped beam.**

In the case of filament lamps for which more than one test voltage is specified, the objective luminous flux which produces the principal dipped beam, as indicated in the communication form for the type approval of the device, is applied.

Only dipped-beam headlamps according to Regulations Nos. 98 or 112 may be used to produce bend lighting.

..."

*Insert a new paragraph 12.21., to read:*

"12.21. **Until 60 months after the official date of entry into force of Supplement [8] to the 04 series of amendments, Contracting Parties applying this Regulation can continue to grant ECE type approval to the un-amended Regulation.**"

## II. Justification

1. Following the discussion relating to collective amendments to Regulations Nos. 19, 48, 98, 113 and 123 (see ECE/TRANS/WP.29/GRE/64, paragraph 20) held at the sixty-fourth session of GRE, GTB basically supports Informal document No. GRE-64-57. However, in order to allow time for industry to prepare, it is necessary to also introduce a 60 month transitional period.

2. At its sixty-fourth session GRE noted that the expert from GTB renewed invitation to all experts to participate in the task force of GTB to finalize a road map to be submitted at the March 2011 session of GRE, regarding new requirements for automatic levelling. This road-map will be presented during the session and it will be explained that a study based upon glare and visibility considerations is required to review the criteria used to determine when automatic levelling shall be installed. The expert from GTB proposes to lead the activity with the objective that the study is completed and revised provisions to be introduced into the Regulation are formulated and agreed during the 60 month transitional period.