



**Economic and Social  
Council**

Distr.  
GENERAL

ECE/TRANS/WP.29/GRE/2010/2  
14 January 2010

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-third session

Geneva, 29 - 31 March 2010

Item 4(a) of the provisional agenda

**REGULATION No. 48**

(Installation of lighting and light-signalling devices)

Clarifications on installation requirements

Proposal for Supplement 6 to the 04 series of amendments to  
Regulation No. 48

Submitted by the expert from the International Association of the Body and  
Trailer Building Industry \*/

The text reproduced below was prepared by the expert from the International Association of the Body and Trailer Building Industry (CLCCR) in order to increase the installation height allowance for side retro-reflectors. The proposal is based on a document without symbol (informal document No. GRE-62-36), distributed during the sixty-second session of the Working Party on Lighting and Light-Signalling (GRE) (see report ECE/TRANS/WP.29/GRE/62,

---

\*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

para. 11). The modifications to the current text of the Regulation No. 48, including Supplement 4 to the 04 series of amendments, are marked in bold or strikethrough characters.

A. PROPOSAL

Paragraph 6.17.4.2., amend to read:

"6.17.4.2. In height: Above the ground, not less than 250 mm nor more than ~~900~~ **1,500** mm (~~not more than 1,200 mm if grouped with any lamp(s).~~ **1,500 2,100** mm if the shape of the bodywork makes it impossible to keep within ~~900~~ **1,500** mm ~~or 1,200 mm~~ respectively or if the presence of the device is not mandatory according to paragraph 6.17.1.)."

B. JUSTIFICATION

The installation of side retro-reflectors and side-marker lamps is, in the case of trailers, mandatory. In terms of their longitudinal positioning and geometric visibility (both horizontal and vertical), the requirements are essentially identical. However, in the case of their vertical positioning, side-marker lamps may be mounted at up to 1,500 mm above the ground (exceptionally 2,100 mm above the ground), whereas side retro-reflectors may be mounted at up to only 900 mm above the ground (exceptionally 1,500 mm above the ground).

It is now common for the two functions to be incorporated into a single unit and, as a consequence, CLCCR is of the opinion that it would be appropriate to align the requirements for vertical positioning in order to avoid the need for side retro-reflectors to be affixed to dedicated mountings directly below side-marker lamps.

- - - - -