



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 7 of the provisional agenda

Regulation No. 7 (Front and rear position lamps, stop-lamps and end-outline marker lamps)

Proposal for Supplement 20 to the 02 series of amendments

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) in order to clarify that the provisions in Regulation No. 48 relating to the geometric visibility, colorimetric and photometric requirements of Interdependent Lamps shall be tested during the component type approval. The modifications to the existing text of the Regulation No. 7 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 2.2.1., amend to read:

"2.2.1. Drawings, in triplicate,... following:

...

- (c) In the case of an interdependent lamp system, the interdependent lamp or the combination of interdependent lamps that fulfil the requirements of **paragraph 5.10.**, paragraph 6.1. and of Annex 4 to this Regulation.

..."

Paragraph 5.10., amend to read:

"5.10. An interdependent lamp system shall meet the requirements when all its interdependent lamps are operated together. **However, if the interdependent lamp system providing the rear position lamp function is partly mounted on the fixed component and partly mounted on a movable component, the interdependent lamp(s) specified by the Applicant shall meet the outboard geometric visibility, colorimetric and photometric requirement, at all fixed positions of the movable component(s). In this case, the inboard geometric visibility requirement is deemed to be satisfied if this (these) interdependent lamp(s) still conform to the photometric values prescribed in the field of light distribution for the approval of the device, at all fixed positions of the moveable component(s).**"

II. Justification

Paragraph 5.18.4(b) of Regulation No. 48 contains requirements relating to the geometric visibility that are determined by photometric values that cannot be verified during the vehicle type approval procedure. Therefore, in order to clarify that these requirements shall be checked during the component type approval, it is necessary to add the same requirements into paragraph 5.10. of Regulation No. 7.
