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**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(c) of the provisional agenda

**Regulation No. 48 – Other amendments to Regulation No. 48****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. It is based on a document without symbol (informal document GRE-68-30) distributed during the sixty-eight session of the Working Party on Lighting and Light-Signalling (GRE). The modifications to the existing text of UN Regulation No. 48 are marked in bold for new or strikethrough for deleted characters.

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\* 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 6.9.4.1.*, amend to read:

"6.9.4.1. In width: that point on the apparent surface in the direction of the reference axis which is farthest from the vehicle's median longitudinal plane shall not be more than 400 mm from the extreme outer edge of the vehicle.

...

The distance between the inner edges of the two apparent surfaces in the direction of the reference axes shall **be**

~~For M1 and N1 category vehicles: No special requirement;~~

~~For all other categories of vehicles:~~ not less than 600 mm. This distance may be reduced to 400 mm where the overall width of the vehicle is less than 1,300 mm."

*Paragraph 6.10.4.1.*, amend to read:

"6.10.4.1. In width: ...

The distance between the inner edges of the two apparent surfaces in the direction of the reference axes shall:

~~For M1 and N1 category vehicles: have no special requirement;~~

~~For all other categories of vehicles:~~ be not less than 600 mm. This distance may be reduced to 400 mm where the overall width of the vehicle is less than 1,300 mm."

## II. Justification

1. Uniform signalling results in a better recognition, a faster reaction and improves traffic safety at night.
2. Front and especially rear position lamps should be clearly divided. The driver is accustomed to seeing two separated lamps.
3. Due to an attempt to establish a Global Technical Regulation for passenger car lamps in Regulation No. 48, a distance for the inner edges of the lamps was not required for category M1 and N1 vehicles.
4. A GTR, in this sense, is out dated and technically advanced solutions would enable a manufacturer to present a bar instead of two separated position lamps.
5. Consequently, the exemption for category M1 and N1 vehicles should be deleted in order to achieve uniform signalling.

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