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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-sixth session**

Geneva, 4–6 October 2011

Item 4(a) of the provisional agenda

**Regulation No. 48 (Installation of lighting and  
light-signalling devices) - Proposal for Supplement 9  
to the 04 series of amendments****Proposal for Supplement 9 to the 04 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 as a follow-up of the discussion on informal documents GRE-65-08 and GRE-65-28 at the sixty-fifth session of the Working Party on Lighting and Light -Signalling (ECE/TRANS/WP.29/GRE/65, para. 8). The new proposal is intended to clarify the provision regarding side conspicuity marking on cabs of commercial vehicles. The modifications to the existing text of the Regulation 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 2.15.2.*, add at the end:

"2.15.2. ....when specifically excluded.

**For cabs the "overall length" is the distance between two vertical planes perpendicular to the median longitudinal plane of the vehicle and passing:**

- (a) **in the front touching the front outer edge of the vehicle;**
- (b) **in the rear through a point 150 mm rearward of the rearmost point of the panel separating the passenger compartment from the luggage compartment."**

*Insert a new paragraph 2.34.*, to read:

"2.34. **"Cab" means that part of the bodywork (of a vehicle of category N) which constitutes the driver and passenger compartment, including the doors."**

*Paragraph 6.21.1.2.2.1.*, amend to read:

"6.21.1.2.2.1. partial contour marking on vehicles exceeding 6,000 mm in length (including the drawbar for trailers) **as follows of the following categories:**

- (a) **vehicles of category N<sub>2</sub>** with a maximum mass exceeding 7.5 tonnes and N<sub>3</sub> (with the exception of chassis-cabs, incomplete vehicles and tractors for semi-trailers);
- (b) **vehicles of category O<sub>3</sub> and O<sub>4</sub>**. (with the exception of incomplete vehicles)."

*Insert a new paragraph 6.21.1.2.2.2.*, to read:

"**6.21.1.2.2.2. partial contour marking shall not be required on the cab of motor vehicles;**"

*Paragraph 6.21.1.3.1.*, amend to read:

"6.21.1.3.1. to the rear and to the side:

- (a) on all other categories of vehicles, not otherwise...
- (b) **on the cab of tractor units for semi-trailers, the cab of chassis-cabs and the cab of motor vehicles;**
- (c) partial or full contour markings...."

*Paragraphs 6.21.4.2.1 to 6.21.4.2.2.1.*, amend to read:

"6.21.4.2.1. The conspicuity marking shall be as close as practicable to the ends of the vehicle and reach to within 600 mm of each end of the vehicle (~~or cab in the case of tractor units for semi-trailers~~).

6.21.4.2.1.1. **If optional according to paragraph 6.21.1.3., the requirement in paragraph 6.21.4.2.1. shall apply to each end of the cab in the case of a cab on tractors for semi-trailers and on chassis-cabs, and of the cab of motor vehicles.**

6.21.4.2.1.2. for trailers, each end of the vehicle (excluding the drawbar).

6.21.4.2.2. The cumulative horizontal length of the conspicuity marking elements, as mounted on the vehicle, excluding any horizontal overlap of individual elements, shall equate to at least 80 per cent of:

6.21.4.2.2.1. For motor vehicles the length of the vehicle excluding the cab, ~~or in the case of tractors for semi-trailers, if fitted, the length of the cab."~~

## II. Justification

1. According to paragraph 6.21.1.2.2.1.(a), the provisions concerning contour marking to the side are not mandatory for tractors for semi-trailers. The bodywork of such vehicles is constituted mainly by the cab. As regards motor vehicles, the provisions for the contour marking of cabs in paragraph 6.21.4.2. present certain inconsistencies, which have been pointed out in informal document GRE-65-08.

2. Referring to the development of the revised version of paragraph 6.21. in the GRE informal group on conspicuity markings and the subsequent discussion of the final text, it should be reminded that a number of experts shared the view that contour marking should not be mandatory for the cabs of motor vehicles, i.e. the same principle should apply as for the cabs of tractors for semi-trailers.

3. The proposal has been drafted to clarify the text of paragraph 6.21.4. in this way. Considering the variations in the design of motor vehicles with a separate cab or a cab integrated into the bodywork, it was also considered necessary to insert definitions for the terms "cab", (based on Regulation No. 61, paragraph 2.4.) and "length of the cab".

4. The additional offset of 150 mm in paragraph 2.15.2. has been taken from Regulation No. 105 paragraph 5.1.2.2.1.

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