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Item 1.2.4. of the provisional agenda

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 107

(M₂ and M₃ vehicles)

Submitted by the experts from Sweden and the International Organization of
Motor Vehicle Manufacturers (OICA)

Note: The text reproduced below was prepared by the experts from Sweden and OICA in order to introduce into the Regulation provisions for service-door lighting. The proposal consolidates and supersedes TRANS/WP.29/GRSG/2005/16 and informal documents Nos. GRSG-90-12 and GRSG-90-29, distributed during the ninetieth GRSG session (ECE/TRANS/WP.29/GRSG/69, para. 16). The modifications to the current text of the Regulation are marked in **bold** characters.

Note: This document is distributed to the Experts on General Safety Provisions only.

A. PROPOSAL

Text of the Regulation,

Insert a new paragraph 2.40., to read:

"2.40. "Service-door lighting" means a lighting device(s) of the vehicle designed to illuminate the exterior vicinity of service doors and wheels."

Annex 3,

Insert new paragraphs 7.6.12. to 7.6.12.2.5., to read:

"7.6.12. Service-door lighting

7.6.12.1. Service-door lighting may be provided to illuminate the flat, horizontal portion of the ground defined in paragraph 7.6.12.2.3. so as to enable the presence of a passenger within this portion of the ground to be detected by the driver from his seat.

7.6.12.2. Service-door lighting, if fitted, shall be of white colour and:

7.6.12.2.1. be placed adjacent to at least any service door for which the driver's direct view is not adequate;

7.6.12.2.2. if the lower edge of the lighting device is less than 2 m from the ground, not project more than 50 mm beyond the overall width of the vehicle measured without this device;

7.6.12.2.3. illuminate a flat, horizontal portion of the ground having a width of 2 m measured from a plane parallel to the median longitudinal vertical plane of the vehicle which passes through the outermost point of the closed service door and over a length extending from a transverse plane which passes through the foremost edge of the closed service door to a transverse plane passing through the centre line of the foremost wheels situated to the rear of the service door, or, in the case where there are no such wheels, to a transverse plane passing through the rear of the vehicle;

7.6.12.2.4. have limited dazzle outside a zone on the ground having a maximum width of [5 m] measured from the side of the vehicle and a maximum length limited by a transverse plane passing through the front of the vehicle and a transverse plane passing through the rear of the vehicle, and

7.6.12.2.5. be installed so that the device can only be switched on when a service door is operated and the vehicle speed does not exceed 5 km/h and is switched off automatically before the vehicle reaches a speed exceeding 5 km/h."

Annex 11,

Paragraph 2.4.2., amend to read:

" on guided bus systems, if not retracted,

- service-door lighting devices."

B. JUSTIFICATION

At the eighty-ninth session, the expert from Sweden presented TRANS/WP.29/GRSG/2005/16, introducing provisions for optional installation of lighting devices that adequately illuminate the area outside the service doors (service-door lighting) of vehicles of categories M₂ and M₃. At the ninetieth session, GRSG considered informal documents Nos. GRSG-90-29 (tabled by Sweden) and GRSG-90-12 (tabled by OICA) on the same subject.

This joint proposal by Sweden and OICA supersedes the above-mentioned documents.
