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### **Economic Commission for Europe**

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#### **World Forum for Harmonization of Vehicle Regulations**

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1958 Agreement – Consideration of draft amendments to existing Regulations submitted by GRSG

# Proposal for Supplement 5 to the 06 series of amendments to Regulation No. 107 (General construction of buses and coaches)

#### Submitted by the Working Party on General Safety Provisions\*

The text reproduced below was adopted by the Working Party on General Safety Provisions (GRSG) at its 109<sup>th</sup> session (ECE/TRANS/WP.29/GRSG/88, paras. 7, 9, 10, 11, 12 and 14). It is mainly based on official document ECE/TRANS/WP.29/GRSG/2015/14, ECE/TRANS/WP.29/GRSG/2015/18, ECE/TRANS/WP.29/GRSG/2015/20, ECE/TRANS/WP.29/GRSG/2015/31, ECE/TRANS/WP.29/GRSG/2015/33, ECE/TRANS/WP.29/GRSG/2015/34 as reproduced in Annex III to the report. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration at their March 2016 sessions.

present document is submitted in conformity with that mandate.

<sup>\*</sup> In accordance with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The

Paragraph 2.3., amend to read:

"2.3. "Approval of a vehicle, a separate technical unit or a component" means the approval of a type of vehicle, bodywork or component as defined in paragraph 2.2. with regard to the constructional features specified in this Regulation;"

Annex 3,

Paragraph 7.5.1.5.3., amend to read:

"7.5.1.5.3. The alarm system and ... is deactivated, wherever applicable. The alarm system shall remain operational whenever the combustion heater is in operation."

Paragraph 7.5.1.5.4.2., at the end of the first paragraph, replace "altitude" by "attitude".

Paragraph 7.5.1.5.4.3., replace "auxiliary heater" by "combustion heater" (3 times).

Paragraph 7.6.5.1., replace "5 km/h" by "3 km/h".

Paragraph 7.6.5.1.9., amend to read:

"7.6.5.1.9. In the case of interior controls, shall be deactivated if the vehicle moves at a speed higher than 3 km/h. This requirement may be applied to exterior controls."

Paragraph 7.7.1.8.4., amend to read:

- "7.7.1.8.4. When the seat is in the position of use, and when it is in the folded position, no part of it shall be:
  - (a) Forward of a vertical plane passing through the centre of the seating surface of the driver's seat in its rearmost and lowest position and through the centre of the exterior rear-view mirror mounted on the opposite side of the vehicle or through the centre of any monitor used as device for indirect vision, whatever applicable,

and

(b) Above a horizontal plane which is located 300 mm above the centre of the seating surface of the driver's seat in its rearmost and lowest position."

Paragraph 7.12.1., amend to read:

"7.12.1. Where any seated passenger is likely to be thrown forward into a step well, designated wheelchair space, pram space or open area for standing passengers as a result of heavy braking, either a guard or, in the case of a vehicle of Class A or B, a safety-belt shall be fitted. Where fitted, the guard shall have a minimum height from the floor on which the passenger's feet rest of 800 mm and shall extend inwards from the wall of the vehicle at least as far as 100 mm beyond the longitudinal centre line of any seating position where the passenger is at risk or, in the case of a step well, to the riser of the innermost step; whichever is the lesser."

*Insert a new paragraph 7.12.2.*, to read:

"7.12.2. Paragraph 7.12.1. shall not apply to any sideways facing seat, a seat which has its centreline within the longitudinal projection of a gangway, a seat in front of which is existing vehicle structure (e.g. fixed table or luggage pen) offering comparable levels of protection as a guard meeting the requirements of paragraph 7.12.1. or transverse facing seats where the maximum distance between the front faces of the seat squabs of facing seats does not exceed 1,800 mm when measured in accordance with paragraph 7.7.8.4.3."

Paragraphs 7.12.2. to 7.12.4. (former), renumber as paragraphs 7.12.3. to 7.12.5.

Annex 8,

Paragraph 3.1., amend to read:

"3.1. Steps

...

The height of steps in an access passage at the above-mentioned door(s), and throughout the entire gangway, shall be not more  $\dots$ 

..."

Paragraph 3.10.1., amend to read:

"3.10.1. (Reserved)"