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Working Party on the Construction of Vehicles

Working Party on General Safety Provisions (GRSG)
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agenda item 2.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 52
(Small capacity public service vehicles)

Transmitted by the Secretariat

Note: The text reproduced below was prepared by the secretariat in order to propose for Regulation No. 52 parallel amendments to those which had been approved by GRSG during the previous sessions for Regulation No. 36 and consolidated in document TRANS/WP.29/GRSG/1999/3 (TRANS/WP.29/GRSG/55, para. 33). The paragraph numbers refer to Regulation No. 52, including Supplement 1 to the 01 series of amendments.

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

GE.99-22734

Paragraph 2.1.1., amend to read:

"2.1.1. Class A: Vehicles constructed with areas for standing passengers, to allow frequent passenger movement."

Paragraph 2.1.2., amend to read:

"2.1.2. Class B: Vehicles constructed exclusively for the carriage of seated passengers."

Paragraph 4.4.1., footnote 2/, amend to read:

"2/ 24 for Ireland, 31 for Bosnia and Herzegovina, 32 for Latvia, 33-36 (vacant), 37 for Turkey, 38-39 (vacant), 40 for The former Yugoslav Republic of Macedonia, 41 (vacant), 42 for the European Community (Approvals are granted by its Member States using their respective ECE symbol) and 43 for Japan. Subsequent numbers shall be assigned to other countries in the chronological order in which they ratify or accede to the Agreement Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions, and the numbers thus assigned shall be communicated by the Secretary-General of the United Nations to the Contracting Parties to the Agreement."

Paragraph 5.6.3.1., amend to read:

" ... following dimensions: (see also annex 3, figure 21)"

Paragraph 5.6.3.1., the table, service door width, remarks, add at the end the following text:

"... The required width of free access shall be ensured in the height of 70 to 160 cm related to the level of the first step (see annex 3, figure 21)."

Paragraph 5.6.3.2., the table, service door width, remarks, add at the end the following text:

"... The required width of free access shall be ensured in the height of 70 to 160 cm related to the level of the first step (see annex 3, figure 21)."

Insert a new paragraph 5.6.4.10., to read:

"5.6.4.10. The service door in any open position shall not obstruct the use of or required access to any mandatory exit."

Insert a new paragraph 5.7.1.12., to read:

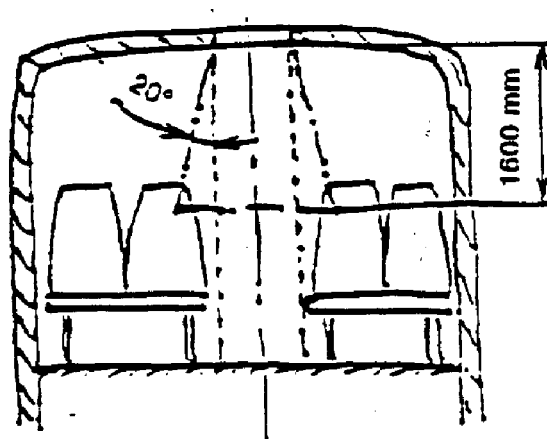
"5.7.1.12. The maximum slope of the floor in the access passage shall not exceed 5 per cent when the unladen vehicle is standing on a

smooth and horizontal surface in its normal condition of travel (in particular: any kneeling device shall not be engaged)."

Paragraph 5.7.4., amend to read:

"5.7.4. Access to escape hatches

5.7.4.1. For Class B vehicles, at least one escape hatch shall be located such that a four-sided truncated pyramid having a side angle of 20° and a height of 1,600 mm touches part of a seat or equivalent support. The axis of the pyramid shall be vertical and its smaller section shall contact the aperture area of the escape hatch. Supports may be foldable or movable provided they can be locked in their position of use. This position shall be taken for verification.



5.7.4.2. When the structural thickness of the roof is more than 150 mm, the smaller section of the pyramid shall contact the aperture area of the escape hatch at the level of the outside surface of the roof."

Paragraph 5.7.5.1., after the table, the note +/-, amend to read:

"±/ The height of the upper cylinder may be reduced by 10 cm in any part of the gangway which is located to the rear of the most forward of the following two planes:
a transverse vertical plane situated 1.5 m forward of the centerline of the rear axle (foremost rear axle in the case of vehicles with more than a rear axle), and
a transverse vertical plane situated at the rear edge of the rearmost service door."

[Insert new paragraphs 5.7.5.1.1. to 5.7.5.1.1.2., to read:

- "5.7.5.1.1. On vehicles of Class A, the diameter of the lower cylinder may be reduced from 35 cm to 30 cm in any part of the gangway which is located to the rear of the most forward of the following two planes:
- 5.7.5.1.1.1. a transverse vertical plane situated 1.5 m forward of the centerline of the rear axle (foremost rear axle in the case of vehicles with more than one rear axle);
- 5.7.5.1.1.2. a transverse vertical plane situated at the rear edge of the rearmost service door in between the axles."]

Paragraph 5.7.6., amend to read:

- "5.7.6. Slope of the gangway
- The slope of the gangway shall not exceed:
- 5.7.6.1. In the longitudinal direction:
- 5.7.6.1.1. 8 per cent in the case of a vehicle of Class A, or
- 5.7.6.1.2. 12.5 per cent in the case of a vehicle of Class B.
- 5.7.6.2. In the transversal direction 5 per cent for all classes."

Paragraph 5.7.7.1., amend to read:

- "5.7.7.1. the maximum and minimum height, and the minimum depth, of steps for passengers at service and emergency doors and within the vehicle are specified in annex 3, figure 4."

Insert a new paragraph 5.7.7.3., to read:

- "5.7.7.3. Any transition from a sunken gangway to a seating area shall not be considered to be an step. However, the vertical distance between the gangway surface and the floor of the seating area shall not exceed 35 cm."

Paragraphs 5.7.7.3. to 5.7.7.5. (former), renumber as paragraphs 5.7.7.4. to 5.7.7.6.

Insert a new paragraph 5.7.7.7., to read:

- "5.7.7.7. The maximum slope of the step in any direction shall not exceed 5 per cent when the unladen vehicle is standing on a smooth and horizontal surface in its normal condition of travel (in particular: any kneeling device shall not be engaged)."

Paragraph 5.7.8.1.3.3., amend to read:

"5.7.8.1.3.3. Intrusion of a conduit (e.g. for a hot air) situated in the lower part"

Insert a new paragraph 5.7.8.1.3.6., to read:

"5.7.8.1.3.6. Intrusion of hopper type windows when open and their fittings."

Paragraph 5.9.2.3., amend to read:

"..... the floor at that position. Exception may be given in the middle of large platforms, but the sum of these exceptions shall not exceed 20 per cent of the total standing area."

Annex 3, figure 4, the table and the notes below the table, amend to read:

"

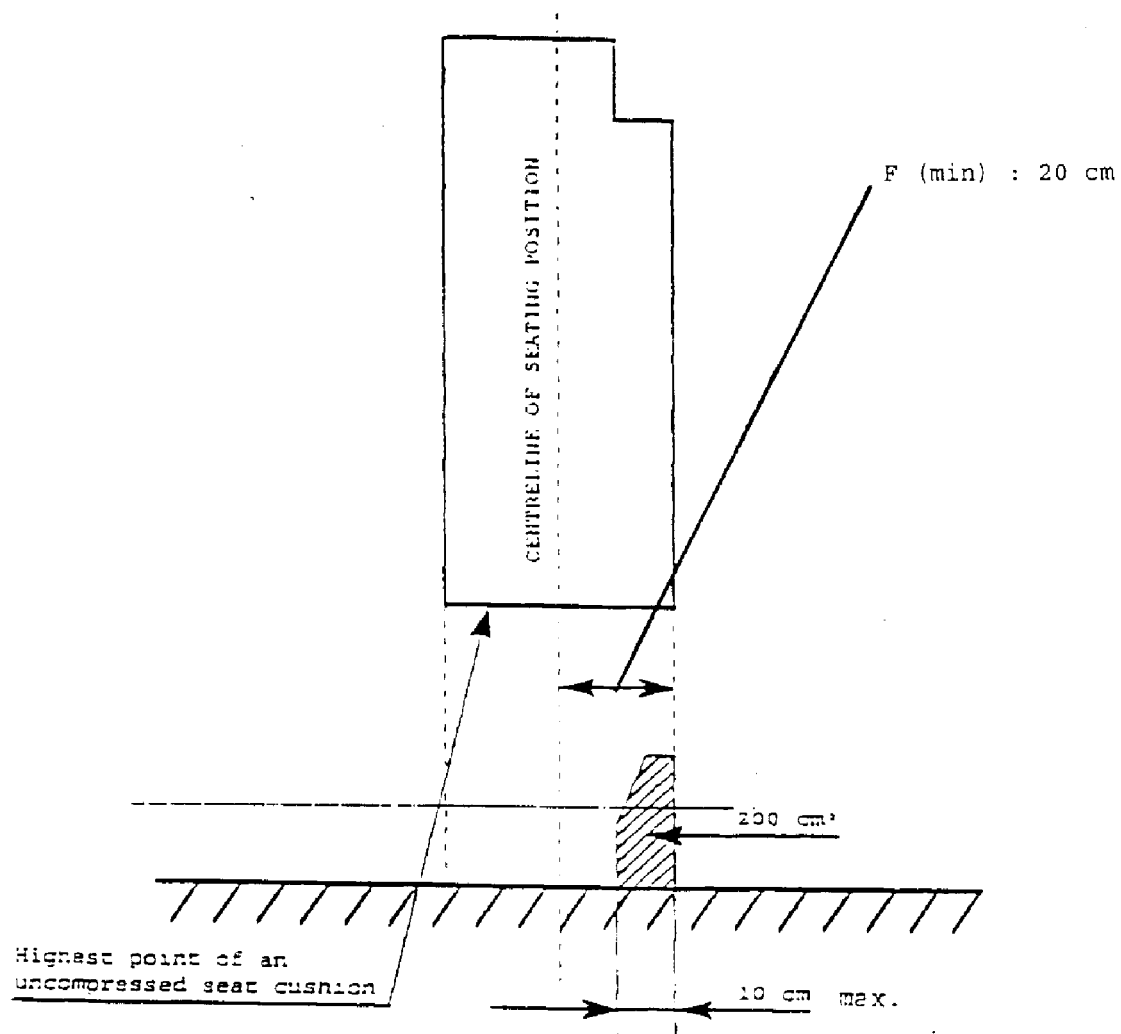
		A (cm) <u>1/</u> <u>3/</u>		B (cm) <u>1/</u> <u>2/</u>	
		max.	min.	max.	
Class A		36	12	25 <u>4/</u>	
Class B		40	12	35	
	mechanical suspension solely	43			

Notes:

- 1/ At a double doorway the steps in each half of the access passage shall be treated separately.
- 2/ B need not be the same for each step.
- 3/ 70 cm in the case of an emergency door.
- 4/ 30 cm in the case of steps at a door behind the rearmost axle."

Annex 3, figure 8, replace by the following figure:

Figure 8
PERMITTED INTRUSION OF A CONDUCT
(See paragraph 5.7.8.1.3.3.)



Annex 3, insert a new figure 21, to read:

"Figure 21

SERVICE DOOR DIMENSIONS
(see paragraphs 5.6.3.1. and 5.6.3.2.)

