



## Economic and Social Council

Distr.: General  
27 July 2010

Original: English  
English and French only

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### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

#### Working Party on General Safety Provisions

#### Ninety-ninth session

Geneva, 19–22 October 2010

Item 3(a) of the provisional agenda

#### Regulation No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles) – Proposals for further amendments

### Proposal for amendments to Regulation No. 107

#### Submitted by the expert from the European Commission\*

The text reproduced below was prepared by the expert from the European Commission to provide a specific area which would allow the child to remain seated in his pram or pushchair. The modifications to the current 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 2006-2010 (ECE/TRANS/166/Add.1, 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

*Insert a new paragraph 5.2., to read:*

**“5.2. Low floor vehicles of Class I shall be so designed as to accommodate at least one unfolded pram or pushchair. The technical requirements thereof shall comply with the relevant requirements of Annex 8.”**

*Paragraphs 5.2. to 5.6., renumber as paragraphs 5.3. to 5.7.*

*Annex 4, insert new figure 23 C, to read:*

Figure 23 C

**Bonnet leading edge reference line**



Notes:

1. Colour: blue basis with white symbol.
2. Size: at least 150 x 100 mm.

*Annex 8, the title, amend to read:*

### **“Accommodation and accessibility for passengers with reduced mobility”**

*Annex 8, insert new paragraphs 3.6. to 3.6.8., to read:*

**“3.6. Unfolded prams and pushchairs accommodation**

- 3.6.1. Immediately adjacent to the special area for a wheelchair user, an area shall be provided for the accommodation of an unfolded pram or pushchair. Both areas may be combined in a single one under the conditions that the respective relevant requirements are fulfilled.**
- 3.6.2. The dimensions of the unfolded pram or pushchair area shall not be less than 750 mm wide and not be more than 1,700 mm long. Its longitudinal plane shall be parallel to the longitudinal plane of the vehicle and the floor surface shall be slip resistant.**
- 3.6.3. Accessibility to prams and pushchairs shall be provided in accordance with the provisions of paragraph 3.6. of this Annex.**

- 3.6.4.** The area shall be fitted with a pictogram that is designed in accordance with Figure 23 C of Annex 4.
- 3.6.4.1.** The same pictogram shall be placed both on the front nearside of the vehicle and adjacent to the service door that gives access to the pram or pushchair area.
- 3.6.5.** The area shall be provided with securing devices such as webbing or strapping designed to prohibit any displacement of the unfolded pram or pushchair during driving, including severe braking and cornering.
- 3.6.6.** Strapping, webbing and anchors shall be capable to withstand a force of not less than 100 N.
- 3.6.7.** The area shall be provided with a control such as a push-button to enable the passenger with an unfolded pram or pushchair to request that the vehicle be stopped at the next bus stop. The general requirements of paragraph 7.7.9.1. of Annex 3 shall apply.
- 3.6.8.** The control shall be fitted with the pictogram described in Figure 23 C of Annex 4, it being permitted to reduce the dimensions of the pictogram to the needs.”

*Annex 8, Paragraphs 3.6. to 3.11.4.5.1., renumber as paragraphs 3.7. to 3.12.4.5.1.*

## **II. Justification**

### **A. General**

1. Buses of class I must be accessible for passengers with reduced mobility, which includes children seated in pushchairs (see paragraph 2.21. of Regulation No. 107). In contrast to the provisions of Annex 8 of Regulation No. 107 regarding accommodation for wheelchair users no specific area is provided which would allow the child to remain seated in his pram or pushchair.
2. The proposal includes the necessary amendments to Regulation No. 107.
3. In addition a model of pictogram is proposed in order to show to the users that the bus is accessible to unfolded prams and pushchairs. The model is similar to the one used in Sweden, Belgium etc.
4. The vehicles that are concerned by the new Regulation are the new low floor bus of class I that will be placed on the market as soon as the industry is able to make the appropriate changes to their vehicles.

### **B. Reference documents**

3. Informal document No. GRSG-96-28: “Area for pushchairs in buses” (The European Commission). Requirements should not be in the definition.
4. Informal document No. GRSG-97-16: “Access of unfolded prams in buses” (Sweden).

### **C. Transitional provisions**

5. The Commission believes that the nature of the changes requires the adoption of a new series of amendments, which means that transitional provisions have to be laid down.

6. It is proposed a single date for new types: “With effect from [48 months], the Contracting parties shall grant type-approval ...”.

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