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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on General Safety Provisions****103rd session**

Geneva, 2–5 October 2012

Item 2(a) of the provisional agenda

Regulation No. 107 (M₂ and M₃ vehicles) – Proposals for further amendments**Proposal for the 06 series of amendments to Regulation
No. 107 (M₂ and M₃ vehicles)****Submitted by the expert from the European Commission***

The text reproduced below has been prepared by the expert from the European Commission (EC) to provide a specific area, in city buses of Class I, allowing a child to remain seated in his/her pram or pushchair. It supersedes document ECE/TRANS/WP29/GRSG/2010/33/Rev.1 and is based on the comments received at the 102nd session of the Working Party on General Safety Provisions (GRSG). The modifications to the current text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208/, para. 106 and 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 4.2., amend to read:

"4.2. An approval number shall be assigned to each vehicle type-approved. Its first two digits (at present **06**, corresponding to the **06 series of amendments**) shall indicate the most recent major technical amendments made to the Regulation at the time of issue of the approval. The same Contracting Party shall not assign the same number to another vehicle or bodywork type within the meaning of paragraph 2.2."

Paragraph 5.2., amend to read:

"5.2. Vehicles of Class I shall be accessible for people with reduced mobility, including at least one wheelchair user **and one pushchair/pram**, according to the technical provisions laid down in Annex 8. **For vehicles with a length of less than [10] m, the areas for the wheelchair user and the pushchair/pram may be combined into a single area provided that the respective requirements are fulfilled.**"

Insert new paragraphs 10.23. and 10.25., to read:

"10.24. **As from the official date of entry into force of the 06 series of amendments, no Contracting Party applying this Regulation shall refuse to grant approval under this Regulation as amended by the 06 series of amendments.**

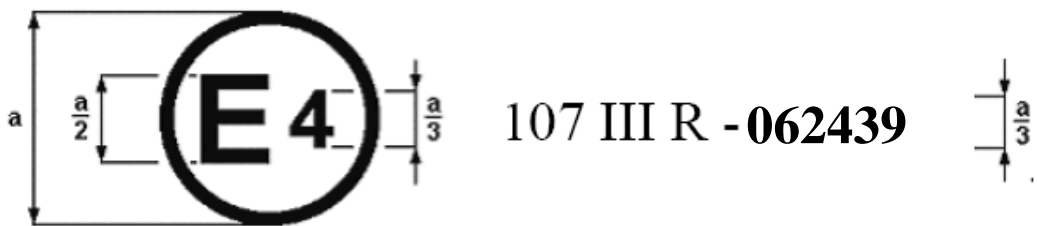
10.25. **As from 36 months after the date of entry into force of the 06 series of amendments, Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by of the 06 series of amendments."**

Annex 2, amend to read:

"Arrangements of Approval Marks

Model A

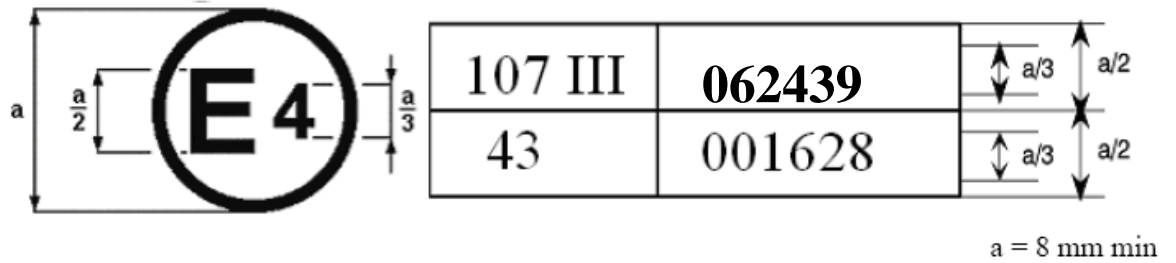
(See paragraph 4.4. of this Regulation)



a = 8 mm min

The above approval mark under approval number **062439**. The approval numberas amended by the **06** series of amendments.

Model B
(See paragraph 4.5. of this Regulation)



The above approval markRegulation No. 107 included the **06** series of amendments and Regulation No. 43 was in its original form.

Model C
(See paragraph 4.4.3. of this Regulation)



The above pursuant to Regulation No. 107 under approval number **062439**. The approval number indicates as amended by the **05** series of amendments."

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

"Figure 23 C

Pictogram for pram and pushchair area



Colour: blue basis with white symbol

Size: at least 150 x 100 mm"

Annex 8, the title, amend to read

"Accommodation and accessibility for passengers with reduced mobility"

Annex 8, paragraph 3.10., amend to read:

- "3.10. Unfolded prams and pushchairs accommodation provisions**
- 3.10.1. A dedicated area shall be provided for the accommodation of at least one unfolded pram or pushchair.**
- 3.10.2. The dimensions of the unfolded pram or pushchair area shall not be less than 750 mm wide and 1,300 mm long. Its longitudinal plane shall be parallel to the longitudinal plane of the vehicle and the floor surface shall be slip resistant.**
- 3.10.3. Accessibility to prams and pushchairs shall be provided in accordance with the provisions of paragraph 3.6. of this annex.**
- 3.10.4. The area shall be fitted with the pictogram shown in Figure 23 C of Annex 4.**
- 3.10.4.1. 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.**
- 3.10.5. The requirements of paragraph 3.8. shall apply to the stability of the unfolded pram and pushchair,. As an alternative, 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. Strapping, webbing and anchors shall be capable to withstand a traction force of not less than 150 N.**
- 3.10.6. The area shall be provided with a specific 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.**
- 3.10.7. The control shall be fitted with the pictogram described in Figure 23 C of Annex 4. The dimensions of the pictogram may be reduced as needed.**
- 3.10.8. The area to accommodate the unfolded pram or pushchair may adjoin the area for the wheelchair and be in its extension."**

II. Justification

A. Background

1. Already now, city buses are ordered by local authorities under specific conditions of contract that require accommodation features for one or more unfolded prams. No legislation specifies which technical requirements shall apply. As a result, some manufacturers could be impeached from competing when bidding.
2. European Institutions have received complaints (see informal document GRSG-96-28) that the access of passengers seated in prams/pushchairs was often refused because of the lack of specifically, dedicated area for these passengers.
3. Buses of Class I shall be accessible for passengers with reduced mobility, which includes children seated in pushchairs (see definition in paragraph 2.21. of UN Regulation No. 107). In contrast to the provisions of Annex 8 of this Regulation on accommodation for wheelchair users, no specific area is provided to a child seated in a pram or pushchair.
4. This proposal suggests an amendment to UN Regulation No. 107 for including such an area. The person who accompanies the child will remain standing in order to take care of the child. The area for a wheelchair user may be adjacent to the area for an unfolded pram. Furthermore, as a compromise, and as proposed by France at the last 102nd GRSG session, it is proposed to allow the combination of both areas for shorter vehicles (less than 10 m).
5. A model pictogram is proposed to show accessibility to unfolded prams and pushchairs. The model is similar to the one used in Belgium, Sweden, etc.
6. The vehicles that are concerned by the new provisions are the long, low floor buses of Class I that will be soon on the market as new vehicle type. EC believes that the nature of the changes requires the adoption of a new series of amendments, which means that transitional provisions must be established. A single date is proposed only for new types of vehicles after a 36 months transitional period. EC does not see the need for requiring adaptation of current models to the new requirements given the necessity for redesigning the bus interior arrangement.

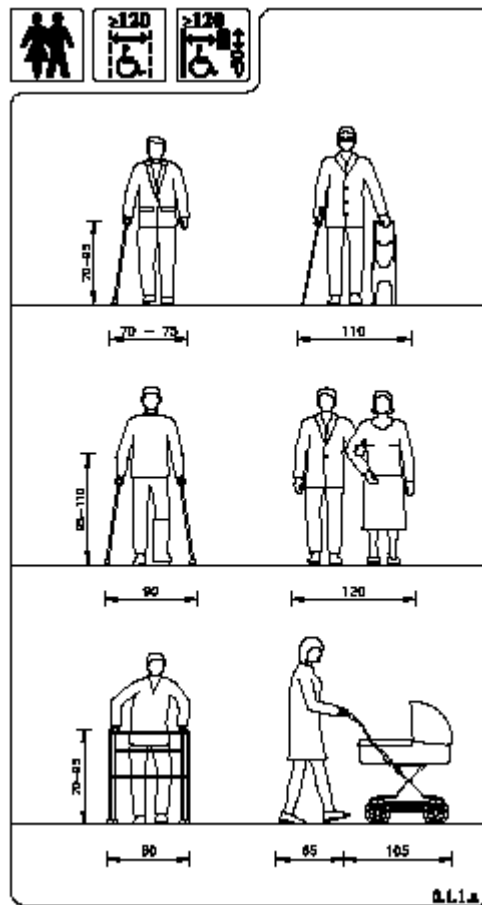
B. Reference papers

Informal document GRSG-96-28 "Area for pushchairs in buses" (tabled by EC)

Informal document GRSG-97-16 "Access of unfolded prams in buses" (tabled by Sweden)

C. Typical dimensions for prams and pushchairs

- (a) Pram length: 1050 mm



Source: <http://www.anlh.be/accessoire/acc07.htm>

(b) Pushchair length: 875 mm (Chicco lite way) – 850 mm (Maxi-cosi Buzz 3)

Annex

Examples



Pram Gesslein F6 (length of carrycot – 810 mm)



Pushchair Maxi-Cosi Buzz 3 (length – 850 mm)