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World Forum for Harmonization of Vehicle Regulations**Working Party on General Safety Provisions****104th session**

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Item 2(a) of the provisional agenda

Regulation No. 107 (M₂ and M₃ vehicles):**Proposal for further amendments****Proposal for the 06 series of amendments to Regulation
No. 107 (M₂ and M₃ vehicles)****Submitted by the experts from the European Commission, France and
Germany ***

The text reproduced below was prepared by the experts from the European Commission, France and Germany to provide a specific area in buses of Class I, allowing a child to remain seated in his/her pram or pushchair. The modifications to the existing text of the Regulation are marked in bold 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 pram or unfolded pushchair** according to the technical provisions laid down in Annex 8. **In rigid vehicles of Class I the area for the accommodation of a wheelchair may be combined with the area for the accommodation of an unfolded pushchair or pram. In such a case, the area shall have signs fixed on or adjacent to them with the following text, equivalent text or pictogram:**

"Please give up this space for a wheelchair user". "

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.**

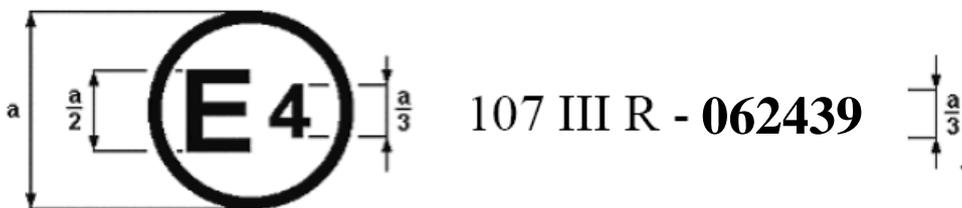
10.25. **As from 36 months after the date of entry into force of the 06 series of amendments, Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by of the 06 series of amendments."**

Annex 2, amend to read:

"Arrangements of Approval Marks

Model A

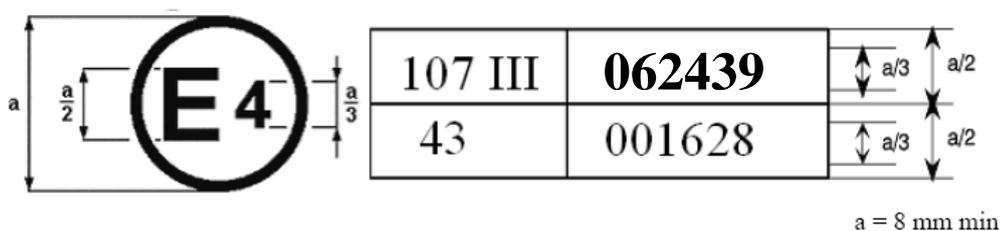
(See paragraph 4.4. of this Regulation)



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 mark Regulation 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 **06** series of amendments."

Annex 4

Figure 23, amend to read:

"Figure 23

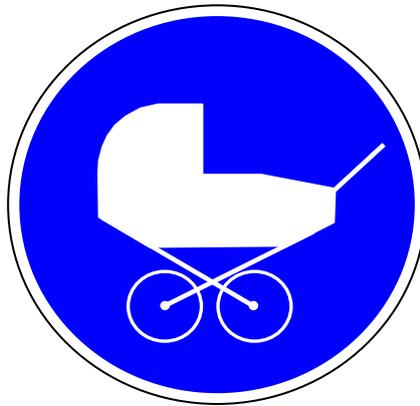
ACCESSIBILITY SYMBOLS

(see Annex 8, paragraphs 3.2.8., 3.6.6. and 3.10.4.)

....."

Insert a new figure 23 C, to read:

**"Figure 23 C
Example for a pictogram for pram and pushchair area**



Colour: blue basis with white symbol

Size: at least diameter 130 mm

Reference for the design principles of safety symbols: ISO 3864-1 "

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. Provisions for the accommodation of unfolded prams and pushchairs**
- 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 areas shall be provided in accordance with the following provisions:**
- 3.10.3.1. It shall be possible for an unfolded pram or pushchair to be moved freely and easily from the outside of the vehicle through at least one of the service doors into the special area(s)**
- 3.10.3.1.1. By "*moving freely and easily*", it is meant that:**
- (a) there is sufficient space available for the pram or pushchair to be manoeuvred;**
 - (b) there are no steps, gaps or stanchions which could be an obstacle to the free movement of the pram or pushchair.**
- 3.10.4. The area shall be fitted with the pictogram shown in Annex 4, Figure 23 C.**
- 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 following requirements shall apply to the stability of the unfolded pram or pushchair:
- 3.10.5.1.** One of the longitudinal sides of the space for a pram or pushchair shall rest against a side or wall of the vehicle or a partition;
- 3.10.5.2.** A support or backrest perpendicular to the longitudinal axis of the vehicle shall be provided in the forward end of the pram or pushchair space;
- 3.10.5.3.** The support or backrest shall be designed to avoid the pram or pushchair from tipping over and shall comply with the provisions of paragraph 3.8.5.;
- 3.10.5.4.** A handrail or handhold shall be fitted to the side or wall of the vehicle or a partition in such a way to allow the accompanying person to grasp it easily. This handrail shall not extend over the vertical projection of the pram or pushchair space, except by not more than 90 mm and only at a height not less than 850 mm above the floor of the pram or pushchair space;
- 3.10.5.5.** A retractable handrail or any equivalent rigid device shall be fitted on the opposite side of the pram or pushchair space in order to restrict any lateral shift of the pram or pushchair.
- 3.10.6.** The area shall be provided with a specific control, e.g. 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. Intrusions of stanchions to provide handholds for standing passengers may be permitted provided the requirement of paragraph 3.10.3. of this annex is met.
- 3.10.9.** Additional wheelchair areas may be combined with the area for the accommodation of an unfolded pram or pushchair provided the relevant requirements are met. In such a case, the area shall have signs fixed on or adjacent to them with the following text, equivalent text or pictogram:
"Please give up this space for a wheelchair user"."

II. Justification

1. This proposal introduces requirements for the equipment of a dedicated area allowing the transportation of children in their prams or pushchairs.
2. The dedicated area may be combined with the wheelchair area in rigid vehicles, but shall be a separate area in an articulated vehicle.
3. Where possible, it transfers requirements already known from the wheelchair area, allowing the manufacturers to use parts which have already shown their qualification.