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World Forum for Harmonization of Vehicle Regulations

Working Party on General Safety Provisions

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Item 2.2.9. of the provisional agenda

BUSES AND COACHES

Regulation No. 107 (M_2 and M_3 vehicles)

Provisions for driver's workplace

Proposal for draft amendments to Regulation No. 107

Submitted by the expert from France

The text reproduced below was prepared by the expert from France in order to insert into the Regulation requirements for the compartment and seat of the driver. It is based on informal document No. GRSG-91-31, distributed during the ninety-first session of the Working Party on General Safety Provisions (GRSG) (ECE/TRANS/WP.29/GRSG/70, para. 24).

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

A. PROPOSAL

Annex 3, insert new paragraphs 7.7.13. to 7.7.14.7., to read:

"7.7.13. Driver's compartment

7.7.13.1. Partitions or barriers shall protect the driver from standing passengers and from unbelted passengers seated immediately behind the driver's compartment who may be projected into the driver's compartment in the event of braking or cornering.

7.7.13.2. Provisions shall be made to protect the driver from the sun and from the effects of glare and reflections caused by exterior and interior lighting.

7.7.13.3. The vehicle shall be provided with devices allowing defrosting and defogging of the windscreen.

7.7.14. Driver's seat

7.7.14.1. The driver's seat shall be independent of other seats.

7.7.14.2. The seat back shall either be curved or the driver's area shall be provided with armrests in such a way that the driver is neither constrained during vehicle manoeuvring operations, nor unbalanced by transverse accelerations which can occur in service.

7.7.14.3. The minimum width of the seat cushion, measured from a vertical plane passing through the centre of the seat, shall be:

7.7.14.3.1. 200 mm in the case of Class A or B;

7.7.14.3.2. 225 mm in the case of Class I, II or III.

7.7.14.4. The minimum depth of the seat cushion, measured from a vertical plane passing through the centre of the seat, shall be:

7.7.14.4.1. 350 mm in the case of Class A or B;

7.7.14.4.2. 400 mm in the case of Class I, II or III.

7.7.14.5. The minimum width of the seat back measured from a vertical plane passing through the centre of the seat up to a height of 250 mm above the uncompressed seat cushion shall be not less than 450 mm.

7.7.14.6. The distance between armrests shall ensure a free space for the driver, as defined in paragraph 7.7.14.2., of not less than 450 mm.

7.7.14.7. The seat must be adjustable in longitudinal position, inclination of the seat back and, except for vehicles of Class A and B, in height, and shall lock automatically in the selected position. If fitted with a swivelling mechanism, it shall lock automatically when in the driving position."

B. JUSTIFICATION

This proposal aims to introduce a minimum of harmonized requirements for driver's workplace.

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