



**Economic and Social  
Council**

Distr.  
GENERAL

TRANS/WP.29/GRSG/2005/21  
25 July 2005

Original: ENGLISH  
ENGLISH AND FRENCH ONLY

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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for the Harmonization of Vehicle Regulations (WP.29)

Working Party on General Safety Provisions (GRSG)  
(Eighty-ninth session, 11-14 October 2005,  
agenda item 1.4.3.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 107  
(M2 and M3 vehicles)

Transmitted by the expert from Spain

Note: The text reproduced below has been transmitted by the expert from Spain. It supersedes TRANS/WP.29/GRSG/2004/14, GRSG-87-33 and GRSG-88-14 (TRANS/WP.29/GRSG/67, para. 19).

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

Insert a new paragraph 2.1.8., including a reference to a new footnote 2/ and the corresponding footnote 2/, to read :

"2.1.8. "Vehicle without roof" 2/ means a vehicle without roof over all or part of its deck. In the case of a double-decked vehicle this shall be the upper deck. Space for standing passengers shall not be provided on any deck without roof, independently of the Class of vehicle.

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2/ The use of these vehicles may be subject to rules established by National Administrations."

Paragraph 4.4.1., the reference to footnote 2/ and footnote 2/, renumber as footnote 3/, and amend footnote 3/ to read:

"3/ ..... 49 for Cyprus, 50 for Malta and 51 for the Republic of Korea. Subsequent .....

Annex 3,

Add a new paragraph 7.1.3., to read:

"7.1.3. If the driver's compartment is without a roof, the driver should have some special protection against strong wind, sudden dust, heavy rain, etc."

Add a new paragraph 7.6.1.12.:

"7.6.1.12. In the case of a vehicle without a roof, the exits on the deck without a roof shall be such as to fulfil those prescriptions that are not incompatible with the absence of the roof."

Add a new paragraph 7.8.1.6., to read:

"7.8.1.6. In the case of a double-decked vehicle without a roof, at least one lighting device shall be provided as near as practicable to the top of every staircase leading to the upper deck."

Add new paragraphs 7.16. to 7.17., to read:

"7.16. Passenger protection in vehicles without a roof

Every vehicle without a roof shall have:

7.16.1. a continuous front panel over the full width of that part of the vehicle that does not have a roof, with a height of not less than 1400 mm from the general level of the floor adjacent to the front panel;

7.16.2. a continuous protection around the side and rear of that part of the vehicle that does not have a roof, with a height of not less than 1100 mm at the sides and 1200 mm at the rear of the vehicle, measured from the general level of the floor adjacent to the panels. The protection shall consist of continuous side and rear panels with a height of not less than 700 mm from the general level of the floor adjacent to the panels, combined with one or more continuous guard rail(s) that fulfils the following characteristics:

- no dimension of its section must be less than 20 mm, or more than 45 mm;
- the size of any aperture between a guard rail and any adjacent guard rail or panel shall not exceed 200 mm;
- it shall be firmly attached to the structure of the vehicle;
- doors at exits shall be considered to form part of this protection.

7.17. Vision and communication aid

In the case of a vehicle without a roof, the driver shall be provided with a visual means, such as a mirror, periscope or video camera/monitor, intercom, to enable the behaviour of passengers in the area without a roof to be observed. In like manner, a megaphone device must be installed in that area and under driver control."

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