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Working Party on General Safety Provisions

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Item 4.7.2 of the provisional agenda

**1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRSG**

Proposal for Supplement 1 to the 02 series of amendments to Regulation No. 58 (Rear under run protection)

Submitted by the Working Party on General Safety Provisions *

The text reproduced below was adopted by the Working Party on General Safety Provisions (GRSG) at its 100th session. It is based on ECE/TRANS/WP.29/GRSG/2011/20, as reproduced in Annex VI to the report (ECE/TRANS/WP.29/GRSG/79, para. 27). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration.

* 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 1.1.1., amend to read:

"1.1.1. PART I: ... of categories M, N and O;"

Paragraph 1.1.2., amend to read:

"1.1.2. PART II: ... of categories M, N and O ... Regulation;"

Paragraph 1.1.3., amend to read:

"1.1.3. PART III: ... of categories M, N and O ... RUPD"

Insert new paragraph 1.1.4. (including footnote ¹), to read:

"1.1.4. Vehicles of categories M₁, M₂, M₃, N₁, O₁ and O₂ ¹ on grounds of rear underrun protection."

¹ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3), document ECE/TRANS/WP.29/78/Rev.2, para. 2.

Paragraph 2., amend to read:

"2. General requirements

Insert new paragraphs 2.1. to 2.3. (footnote ¹ remains unchanged), to read:

"2.1. All vehicles shall be so constructed and/or equipped as to offer effective protection over their whole width against under-running of vehicles mentioned in paragraph 1. of this Regulation in the event of rear collision with vehicles of category M₁ and N₁ ¹.

2.2. The vehicle shall be tested under the conditions as laid down in paragraph 2. of Annex 5.

2.3. Any vehicle in one of the categories M₁, M₂, M₃, N₁, O₁ or O₂ will be deemed to satisfy the condition set out above:

- (a) If it satisfies the same conditions as set out in Part II or Part III, or
- (b) If the ground clearance of the rear part of the unladen vehicle does not exceed 550 mm over a width which is not shorter than that of the rear axle by more than 100 mm on either side (excluding any tyre bulging close to the ground), or
- (c) If, in case of vehicles of categories O₁ and O₂ where the tyres project for more than half of their width outside the bodywork (excluding the wheel guards) or outside the chassis in the absence of bodywork, the ground clearance of the rear part of the unladen vehicle does not exceed 550 mm over a width which is not less than 100 mm deducted from the distance measured between the innermost points of the tyres (excluding any tyre bulging close to the ground), on either side.

Where there is more than one rear axle, the width to be considered is that of the widest.

This requirement must be satisfied at least on a line:

- (a) At a distance of not more than 450 mm from the rear extremity of the vehicle;
- (b) That may have interruptions totalling not more than 200mm.

Paragraph 15.1., amend to read:

"15.1. If the vehicle ... 16 below and has been tested following the conditions set out in paragraph 2.2., approval ... granted."

Paragraph 16.2., amend to read:

"16.2. The width of ... nor must the RUPD be more than 100 mm shorter on either side. However, in case of vehicles of categories O₁ and O₂ where the tyres project for more than half of their width outside the bodywork (excluding the wheel guards) or outside the chassis in the absence of bodywork, the width of the RUPD shall not be less than 100 mm deducted from the distance measured between the innermost points of the tyres, excluding the bulging of the tyres close to the ground, on either side. Where there ...form."

Paragraph 24.1., amend to read:

"24.1. If the vehicle ... 25 below and has been tested following the conditions set out in paragraph 2.2., approval ... granted."

Paragraph 25.3., amend to read:

"25.3. The width of ... nor must the RUP be more than 100 mm shorter on either side. However, in case of vehicles of categories O₁ and O₂ where the tyres project for more than half of their width outside the bodywork (excluding the wheel guards) or outside the chassis in the absence of bodywork, the width of the RUP shall not be less than 100 mm deducted from the distance measured between the innermost points of the tyres, excluding the bulging of the tyres close to the ground, on either side. Where there ... not apply."
