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Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Passive Safety

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Item 14 of the provisional agenda

Regulations No. 29 (Cabs of commercial vehicles)

Draft supplement 3 to the 03 series of amendments

Submitted by the experts from the Russian Federation*

The text reproduced below was prepared by the experts from the Russian Federation to clarify the assessment to be conducted of the manner of attachment of the cab to the chassis frame using the pendulum impact test to the front of the cab. The modifications to the text of the UN 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 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, 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.

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I. Proposal

Paragraph 5.3.1., amend to read:

“5.3.1. During the tests the components by which the cab is secured to the chassis frame may be distorted or broken, provided that the cab remains attached to the chassis frame by **standard fixture attachments at no fewer than three points.**”

II. Justification

During test A, under pendulum impact to the front of the cab, in certain cases, some of the components by which the cab is secured to the chassis frame may be destroyed, which, in a road traffic accident, could lead to the cab mounting being completely destroyed, dangerous independent movement of the cab in respect of the vehicle, and additional injury to the driver and passengers of the lorry. It is therefore proposed to include in paragraph 5.3.1 the requirement that, during testing, the cab should remain attached to the chassis frame at no fewer than three points.
