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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

One-hundred-and-forty-seventh session  
Geneva, 10-13 March 2009  
Item 16.2 of the provisional agenda

**PROGRESS ON THE DEVELOPMENT OF NEW GLOBAL TECHNICAL REGULATIONS  
OR ON THE AMENDMENTS OF GLOBAL TECHNICAL REGULATIONS**

Gtr No. 7 (Head restraints)

Amendments to the proposal to develop Phase II of gtr No. 7  
and to establish an informal group for its development

Submitted by the representative of the United States of America \*/

The text reproduced below was submitted by the representative of the United States of America and proposes amendments to the proposal to develop amendments to global technical regulation (gtr) No. 7 (ECE/TRANS/WP.29/2008/115). The proposed amendments are marked in bold and in strikethrough characters.

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\*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

A. PROPOSAL

Paragraph 4., amend to read (footnote 2/ remains):

"4. At higher speed rear impact crashes ( $\Delta V \geq 18$  km/h), there are as many minor ~~whiplash~~ injuries as recorded in the low speed crashes and there are a significant number of more severe ~~whiplash~~ injuries (MAIS 2 and MAIS 3) occurring.2/. The United States of America is currently evaluating several dummies and a dynamic test that could address these injuries."

B. JUSTIFICATION

These amendments are clarification to the text to better reflect the evaluations being conducted by the United States.

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2/ <<http://www.sae.org/events/gim/presentations/2008moorhouse1.pdf>>