

Transmitted by the Chair

**GRRF AEBS/LDWS Informal Working Group
13th Meeting, 24th March 2011**

Document ECE/TRANS/WP.29/GRRF/2011/20/Rev.1

Paragraph 5.2.2. amend to read:

- 5.2.2. Subsequent to ~~the start of~~ the warning(s) of paragraph 5.2.1.1., and subject to the provisions of paragraphs 5.3.1. to 5.3.3., ~~there system shall~~ **be an emergency braking phase having the purpose of autonomously activates the vehicle service braking system to decelerate the vehicle with** slowing down the subject vehicle ~~to a speed equal to or lower than the target vehicle speed~~. This shall be tested in accordance with paragraphs ~~6.6.3~~ **6.5. and 6.6.**

Justification:

- 1) Japan pointed out at the 13th meeting of the informal group on AEBS/LDWS that the text of § 5.2.2 is not consistent with the test scenarios referred to in §§ 6.5 and 6.6. As § 6.5 describes the test scenario with the stationary target, it is not appropriate to refer to the target vehicle speed in 5.2.2.
- 2) Germany pointed out that the definitions of targets could only be used for the description of the test scenarios, and the informal group agreed that in the section describing the performance requirements, no reference should be made to the concept "target".
- 3) To accommodate the 2 points above, it is proposed to delete in § 5.2.2. the wording "to a speed lower or equal than the target vehicles speed."
- 4) The informal group is invited to also consider whether for the purpose of the collision mitigation draft (document WP.29/GRRF/2011/21Rev.1), the corresponding wording in § 5.2.2 should be amended accordingly, to take account of the agreement reached that for the moving target test the specified performance criterion should be no collision. Therefore it would appear logical to delete in § 5.2.2 of document WP.29/GRRF/2011/21Rev.1 the wording "at the time of the collision", so that the paragraph would read:

- 5.2.2. Subsequent to ~~the start of~~ the warning(s) of paragraph 5.2.1.1., and subject to the provisions of paragraphs 5.3.1. to 5.3.3., ~~there system shall~~ **be an emergency braking phase having the purpose of autonomously activate the vehicle service braking system to decelerate the vehicle with the purpose of** significantly decreasing the speed of the vehicle ~~at the time of the collision~~. This shall be tested in accordance with paragraphs ~~6.6.3 and 6.7.3~~ **6.5. and 6.6.**