

June 28, 2007

## **EC, Japan, and US Proposal Regarding Next Steps on Head Restraint GTR**

### **Backset**

- Allow in the GTR backset measurements from either R-point with backset limit at 45 mm or H-point with backset limit at 55 mm. Contracting Parties decide which of these two options to require in their domestic regulation.

### **All other static measurements**

- Use R-point as the initial reference point for all other measurements including height<sup>1</sup>, energy absorption test, rearward displacement tests, and strength tests.

### **Dynamic Test**

- Hold an additional informal working group meeting at the end of October or early November 2007 to discuss the results of the EEVC study and work on other outstanding bracketed issues.
- Based on the discussion of the EEVC study results, the informal working group will recommend whether to hold one more meeting before Dec 2007 GRSP.
- Three possible outcomes are to be explored and decided by the December 2007 GRSP Meeting.
  - (1) Accept the dynamic test with the Hybrid III dummy in phase 1 and put language in the preamble committing to address the BioRID dummy under phase 2; or
  - (2) Allow the BioRID dummy as an alternative dummy to Hybrid III in the dynamic test option in phase 1. State in the preamble that Contracting Parties will decide whether to require the Hybrid III or BioRID dummy in their domestic regulations while awaiting the development of injury criteria and associated corridors for BioRID under phase 2; the preamble will also address initiation of work for phase 2; or

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<sup>1</sup> Contracting Parties may choose to foresee a minimum head restraint height of 850 mm in their domestic regulations. This will be reflected in the preamble as a footnote.

- (3) Stop work on the GTR if data is introduced to the informal working group that strongly indicate that the use of the Hybrid III dummy will lead to the introduction of designs that will not produce expected overall benefits.
- If either (1) and (2) are recommended, conclude the GTR text at the December 2007 GRSP session and hold the final vote at the March 2008 Session of WP.29.
- If (3) is recommended, withdraw the GTR. Contracting Parties will decide what to do at the national level based on their own data and assessment.
- At the November 2007 WP.29 session, AC.3 to be appraised of the status of the EEVC research and the timing of the informal working group meetings.
- If EEVC study will not be ready before the December 2007 GRSP, then GRSP will adopt phase 1 of the GTR with option (1) and move toward phase 2, which will consider research work by the EEVC, Japan, the United States and other contracting parties and organizations.