

A. STATEMENT OF TECHNICAL RATIONALE AND JUSTIFICATION

Paragraphs 34. to 35., amend to read:

"34. While GRSP is recommending this dynamic test option, it acknowledges differing views associated with the use of the Hybrid III dummy. On the one hand, there is a paper by Ford (SAE 973342), which argues that the 50th percentile male Hybrid III neck is sufficiently biofidelic in the rearward direction. Conversely, an EEVC report "The Use of the Hybrid III dummy in Low Speed Rear Impact Testing," (September 2007)^{17/} argues the 50th percentile male Hybrid III neck lacks sufficient biofidelity to be a useful tool for rear impact testing and therefore cautioned against its use. The EEVC also opined that the interaction of the rigid thoracic spine of the Hybrid III with the seat back is not humanlike which might affect the real world performance of dynamic head restraints.

35. The group was informed of studies conducted by the EEVC concerning the Hybrid III, BioRID II and RID 3D test devices. At this point the EEVC research ("Dummy Measurements and Criteria for a Low-speed Rear Impact Whiplash Dummy" WG12 Report September 2007)^{17/} argues that the BioRID II has the highest level of biofidelity of these three candidate dummies."

Paragraph 37, amend to read:

"37. GRSP therefore understands that, in the first instance, any Contracting Party, including those to the "1958 Agreement", may introduce into their national or regional laws alternative procedures for use in the dynamic assessment of head restraints. At the discretion of these Contracting Parties, the procedures may be introduced even before agreement of alternative procedures for this gtr."

Footnotes 15/, 17/, 18/, and 26/, amend to read:

This report was made available to the informal group approximately one month before the session of GRSP where this gtr was finalized. This report is a compilation of data and provides conclusions in support of presentations that were made to the informal group in January 2006. While the EEVC presented some of the data to the informal group and to GRSP, some Contracting Parties did not have sufficient time to fully evaluate the complete data set and the conclusions of the report, and therefore have not accepted them at this time. It is anticipated that it will be part of the discussion within Phase 2.

B. TEXT OF THE REGULATION

Page 38, paragraph 5.2.3., renumber to read:

"5.2.4. Head restraint strength"
