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(44th session, 10-12 December 2008,
agenda item 3(a))

Department for
Transport

Meeting Review – GTR #7 Phase II

***44th Session of GRSP
10-12 December 2008***

GTR #7 – Phase II

Department for
Transport

Technical Sponsor: Japan

Chair: United Kingdom
(Bernie Frost – UK Department for Transport)

Secretary: OICA
(Kris Van der Plas – Honda)

Draft Terms of Reference

Department for
Transport

Initial discussions based upon:

WP.29 Proposals:

Japan - ECE/TRANS/WP.29/2008/76

US - ECE/TRANS/WP.29/2008/115

Draft Terms of Reference

- Head restraint height.
- To address minor whiplash injuries (MAIS 1) that occur in low speed rear impact crashes ($\Delta V \leq 18$ km/h)
- To address:
 - minor whiplash injuries (MAIS 1) and,
 - the more severe whiplash injuries (MAIS 2 and MAIS 3)that occur at higher speed rear impact crashes ($\Delta V \geq 18$ km/h),

Draft Terms of Reference

- (a) Define test conditions that reflect accidents in the real world, including the performance of seat backs and head restraints as a system;
- (b) Clarify the theories on the mechanism of whiplash injury in order to identify which of them better reflects reality;
- (c) Evaluate dummies that reflect the above mechanism with high fidelity to the human body and which demonstrates a high level of perfection as a measuring instrument;
- (d) Evaluate indicators of human body injury that reflect the whiplash mechanism;
- (e) Define reference values which should be based on the results of injury risk analysis and feasibility studies.

Recommendations

- Research and scientific guidance is needed in order to respond to the draft terms of reference.
- Co-ordination of the various research initiatives is desirable to facilitate development of the regulatory proposal.
- Setting a timetable for delivery is premature and this should be done following determination of the scientific agenda.
- WP29 should be asked to allow the informal group to propose a time table following the May 2009 session of GRSP.