GRRF Ad-hoc Working Group on Electronic Vehicle Stability Control (EVSC) - Status Report

Transmitted by the Ad-hoc Working Group Chairman, Dr. L. Palkovics.

Since the 58th GRRF meeting, ad-hoc working group meetings have taken place in London (Oct. 2005), Paris (Dec. 2005) and Munich (Jan. 2005) to develop further the informal document GRRF-58-12 (proposed amendments to ECE Regulation No. 13 relating to electronic vehicle stability control).

The proposed amendments document has been split into two parts (separate documents) - the requirements/transitional provisions and the definitions/approval procedures, with the approval procedures being contained within a new annex.

The use of a simulator (computer model) has been added, together with an approval procedure for the simulator, as a means of approving vehicles equipped with the same vehicle stability function equipment as that approved using a vehicle dynamic demonstration method. A 'side' meeting will be held prior to the next ad-hoc working group meeting to review and, if appropriate, revise the simulator parameters and approval criteria.

The definition of the vehicle dynamic demonstration is still open to debate with none of the proposals for a specific test(s) having stood-up to a critical scrutiny in terms usefulness/meaningfulness as a type approval procedure.

Passenger car members of ACEA (European Automobile Manufactures Association) were very active participants at the last meeting and as a result a better understanding was obtained with regard to the different vehicle stability functionality of passenger cars and commercial vehicles.

The next meeting of the ad-hoc working group will take place on the 29th-31st March 2006 at the OICA offices in Paris, to further develop the definitions/approval procedure proposed amendment document resulting from the Munich meeting taking into account the results from the 'side' simulator meeting and any other input.