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(Fifty-first session, 4-8 February 2002,
agenda item 1.1.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 13

Transmitted by the Expert from the International Organization
of Motor Vehicle Manufacturers (OICA)

Note: The text reproduced below was prepared by the expert from OICA in order to incorporate the transmission of a fault in the control system designed to enhance stability. It is based on the text of a document distributed without a symbol (informal document No. 5) during the fiftieth session of GRRF (TRANS/WP.29/GRRF/50, para. 9).

Note: This document is distributed to the Experts on Brakes and Running Gear only.

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A. PROPOSAL

Insert a new paragraph 5.2.2.17.1., to read:

"5.2.2.17.1. Trailers that utilize selective braking as a means to enhance vehicle stability shall in the event of a failure within the electric control transmission of the stability system indicate the failure by the separate yellow warning signal specified in paragraph 5.2.1.29.2. above via pin 5 of the ISO 7638:1997 connector."

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B. JUSTIFICATION

The current requirements control the use of the warning signals associated with vehicle braking and prohibit the use of these warning signals to indicate non-prescribed faults. Non-prescribed faults within the brakes and running gear may only be indicated when the vehicle is stationary and the braking system is first energised, etc.

In the case of a control system that is designed to enhance vehicle stability, it would be appropriate to indicate a fault in that system when the fault is detected irrespective of when this occurs. However, trailers only have the option to illuminate the yellow warning signal via pin 5 of the ISO 7638 connector or in the case of having an electric control line send a message to request a red warning signal. As failures specific to the stability control system will not influence the functionality of the braking system, it is reasonable that it is permitted for the trailer to indicate such a failure by utilizing the yellow warning signal defined in paragraph 5.2.1.29.2. of the Regulation.
