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Item 3(e) of the provisional agenda

REGULATIONS Nos. 13 AND 13-H
(Braking)

Electronic control line

Proposal for amendments to Regulation No. 13

Submitted by the experts from the European Association of Automotive Suppliers*

The text reproduced below was prepared by the experts from the European Association of Automotive Suppliers (CLEPA) in order to remove a design restriction from Regulation No. 13 with respect to vehicles that may be equipped with an electric control line. It is mainly based on informal document No. GRRF-64-06, distributed at the sixty-fourth session of the Working Party on Brakes and Running Gear (GRRF) (see report ECE/TRANS/WP.29/GRRF/64, para. 23). The modifications to the existing text of the Regulation are marked in **bold** characters.

* In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

A. PROPOSAL

Paragraph 2.24., amend to read:

"2.24. "Electric control line" means the electrical connection between **two vehicles** which provides the braking control function to **a towed vehicle within a combination**. It comprises the electrical wiring and connector and includes the parts for data communication and the electrical energy supply for the trailer control transmission."

B. JUSTIFICATION

In many countries where UNECE Regulation No. 13 is applied, vehicles are operated which include more than one towed vehicle. These may be in the form of a dolly plus a semi-trailer or two trailers. The current definition of an electric control line as specified in paragraph 2.24. of Regulation No. 13 limits the application of the electric control line between "power driven vehicle and trailer". This effectively prohibits the electric control line being used to connect one trailer and another which is an unnecessary design restriction. Therefore, it is proposed to amend paragraph 2.24. to permit connection between any type of vehicle. In all cases, the relevant requirements of Regulation No. 13 and ISO 11992 will apply.
