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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Brakes and Running Gear (GRRF)  
(Fifty-sixth session, 20-22 September 2004,  
agenda item 1.1.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 13-H

(Harmonized braking)

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

Note: The text reproduced below was transmitted by the expert from the OICA in order to amend the scope of Regulation No. 13-H by including N1 category of vehicles at the request of the manufacturer.

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

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**A. PROPOSAL**

Paragraph 1.1., amend to read:

"1.1. This Regulation applies to the braking of vehicles of Category M<sub>1</sub>, and at the manufacturer's request may be used to approve N<sub>1</sub> vehicles as defined in annex 7 to the Consolidated Resolution on the Construction of Vehicles (R.E.3). 1"

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**B. JUSTIFICATION**

Along with the proposal in document TRANS/WP29/GRRF/2004/12 to remove M<sub>1</sub> vehicles from Regulation No. 13, leaving this category of vehicle to be covered by Regulation No. 13-H, it is proposed to permit that certain vehicles of category N<sub>1</sub>, at the manufacturer's request, could be approved under Regulation No. 13-H.

In the case of car-derived vans, which have a braking system as in the M<sub>1</sub> parent, allowing the approval to take place to Regulation No. 13-H, means that no separate type approval application to Regulation No. 13 has to be made.

The N<sub>1</sub> vehicle will have to meet a higher requirement than Regulation No. 13 but would represent a saving in cost and time due to the reduced testing.

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