

**Economic and Social Council**Distr.: General
30 November 2017

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations**Working Party on Brakes and Running Gear****Eighty-sixth session**

Geneva, 12-16 February 2018

Item 3(c) of the provisional agenda

Regulations Nos 13, 13-H, 139 and 140:**Clarifications****Proposal for a Supplement to Regulation No. 139 (Brake Assist Systems)****Submitted by the expert from Australia***

The text reproduced below was prepared by the expert from Australia to clarify that a Brake Assist System (BAS) is required to be fitted to each vehicle of a type approved according to UN Regulation No. 139 (Brake Assist Systems (BAS)). The modifications to the existing text of the Regulation are marked in tracked changes.

* In accordance with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



I. Proposal

Paragraph 5.1., amend to read:

"5.1. Vehicles shall be equipped with a brake assist system meeting the functional requirements specified in paragraph 6. of this Regulation. Compliance with these requirements shall be demonstrated by meeting the provisions of paragraphs 8. or 9. of this Regulation under the test requirements specified in paragraph 7. of this Regulation. In addition to the requirements of this Regulation, vehicles shall also be equipped with ABS in accordance with the technical requirements of Regulation 13-H."

II. Justification

The current wording of paragraph 5.1. was taken directly from the 00 series of UN Regulation No. 13-H. However, under this series of Regulation No. 13-H, requirements for BAS only apply *if fitted*. In contrast, it is intended that all vehicles of a type approved to UN Regulation No. 139 are equipped with a BAS. An amendment is therefore suggested to paragraph 5.1. of this UN Regulation to better clarify this requirement. This would help any Contracting Party (such as Australia) that accepts (through their domestic legislation) vehicles meeting the technical requirements of this UN Regulation as well as vehicles type-approved to this UN Regulation.
