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Item 3(a) of the provisional agenda

Regulations Nos. 13 and 13-H (Braking) – Electronic stability control

Proposal for amendments to Regulation No. 13 (Heavy vehicle braking)

Submitted by the experts from Japan *

The text reproduced below was prepared by the expert from Japan to mandate vehicle stability function on N₃ vehicles with 4 axles. It is based on informal document GRRF-68-02 distributed during the sixty-eighth session of the Working Party on Brakes and Running Gear. The modifications to the existing text of the Regulation are marked in bold for new and strikethrough for deleted 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 the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraph 5.2.1.32., amend to read:

"5.2.1.32. Subject to the provisions of paragraph 12.4. of this Regulation, all vehicles of categories M₂, M₃, N₂ and N₃ 12/ having no more than ~~3~~ **4** axles shall be equipped with a vehicle stability function. This shall include roll-over control and directional control and meet the technical requirements of Annex 21 to this Regulation."

II. Justification

1. Vehicles of category N₃ having 4 axles, tyres with a small nominal rim diameter (19.5 inches or less), low floors and a gross vehicle mass (GVM) not more than 25 tonnes are Japanese original vehicles (see photograph below). These vehicles are generally used for carriage of goods on highways in Japan. They have the same usage as N₃ vehicles having no more than 3 axles, for which Electronic Vehicle Stability Function (EVSC) is required. Therefore, the application of EVSC installation should also be applied to vehicles of categories N₃ having 4 axles.

2. In addition, Japan is now planning to apply Regulation No. 13. The EVSC installation will be required on a mandatory basis at the same time.

