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Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations**Working Party on Automated/Autonomous and Connected Vehicles*****Second session**

Geneva, 28 January-1 February 2019

Item 7 (a) of the provisional agenda

UN Regulations Nos. 13, 13-H, 139 and 140:**Electronic Stability Control****Proposal for a Supplement to UN Regulation No. 140
(Electronic Stability Control)****Submitted by the expert from Australia****

The text reproduced below was prepared by the expert from Australia proposing to improve the wording of the applicability of the regulation. The modifications to the existing text of the Regulation are marked in bold.

* Formerly: **Working Party on Brakes and Running Gear (GRRF)**.

** In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21/Add.1, Cluster 3), the World Forum will develop, harmonize and update UN 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 **complying with this Regulation** shall be equipped with an ESC system that meets the functional requirements specified in paragraph 6. and the performance requirements in paragraph 7. under the test procedures specified in paragraph 9. and under the test conditions specified in paragraph 8. of this Regulation."

II. Justification

1. Adopted proposal ECE/TRANS/WP.29/2018/61 amended paragraph 5.1. to (amongst other things) explicitly require a vehicle approved to UN Regulation No. 140 to be fitted with electronic stability control (ESC). This was to avoid the situation (although unlikely in practice) of a vehicle being granted an approval without having ESC fitted. The amendment closed a loophole created when translating "if fitted" requirements from a combined regulation (in this case UN Regulation No. 13-H, which dealt with mandatory braking and "if fitted" ESC), into a separate regulation dealing solely with the "if fitted" system.
 2. At the 175th session of World Forum for Harmonization of Vehicle Regulations (WP29), The International Organization of Motor Vehicle Manufacturers (OICA) was concerned that the adopted wording "Vehicles shall be equipped ..." could in turn be misunderstood as being a mandatory installation requirement for all Contracting Parties applying UN Regulation No. 140.
 3. The issue was considered by the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) at its first session in September 2018. GRVA requested Australia to coordinate a possible further amendment that could address OICA's concern.
 4. After consulting with known interested parties, Australia proposes the above slight change to the previously adopted proposal. This is to clarify that the requirement to fit ESC is associated with meeting UN Regulation No. 140, rather than UN Regulation No. 140 itself being mandated.
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