

Proposal for a supplement to UN Regulation No. 157 (Automated Lane Keeping System)*

Submitted by the expert from France

The text reproduced below was prepared by the representatives of France and presented to the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) at its nineteenth session. It is based on ECE/TRANS/WP.29/GRVA/2024/3 The modifications to the exiting text of the Regulation are indicated in bold for new characters.

I. Proposal

Paragraph 5.1.7., amend to read:

“5.1.7. The effectiveness of the system shall not be adversely affected by magnetic or electrical fields ~~both when the ALKS is operational and deactivated~~. This shall be demonstrated by fulfilling the technical requirements and respecting the transitional provisions of ~~06~~ **07** or later series of amendments to UN Regulation No. 10.”

II. Justification

1. Since GRE adopted, at its latest session (90th session), the 07 series of amendments to UN Regulation No.10 (document ECE/TRANS/WP.29/GRE/2023/27/Rev.1 completed by document GRE-90-19), addressing the issue raised by France and The Netherlands on the risk of impact on the operation of the ALKS under an electromagnetic field, this document removes the provisions of document ECE/TRANS/WP.29/GRVA/2024/3 that became redundant. This document also updates the reference to the new series of amendments of UN R10.

* In accordance with the programme of work of the Inland Transport Committee for 2024 as outlined in proposed programme budget for 2024 (A/78/6 (Sect. 20), table 20.5), 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.