

Proposal for amendment to the 00 and 01 series of amendments to UN Regulation No. 157 (Automated Lane Keeping System)

I. Proposal

Paragraph 5.5.5., amend to read:

“5.5.5. Reactivation of the system after the end of any minimum risk manoeuvre shall only be possible after each new engine start/~~run cycle~~ **(or run cycle, as relevant)**.”

Paragraph 6.2.2., amend to read:

“6.2.2. The default status of the system shall be the off mode at the initiation of each new engine start/~~run cycle~~ **(or run cycle, as relevant)**. This requirement does not apply when a new engine start/~~run cycle~~ **(or run cycle, as relevant)** is performed automatically, e.g. by the operation of a stop/start system.”

II. Justification

1. At its 13th session, GRVA supported the interpretation 1 described in the document GRVA-13-33 (OICA) about the wording existing in UN R152 (AEBS-M1N1) to mandate automatic re-instatement of the AEBS at the “initiation of each engine start / run cycle”.
2. This interpretation 1 identifies this wording with “each new engine start or new run cycle, at the choice of the manufacturer”.
3. At its 14th session, GRVA adopted the wording “engine start (or run cycle, as relevant)” as properly reflecting the interpretation 1 adopted at GRVA-13, and supported the view that this interpretation and its wording should be extended to the other relevant GRVA regulations.
4. The present document proposes to extend the wording to the relevant paragraphs of UN R157, in a view to further enlarge the harmonization among the GRVA regulations.