Proposal for amendments to UN Regulation No. 152 (Advanced Emergency Braking System M1-N1)

Proposed amendments are indicated in bold for new characters, and strikethrough for deleted characters

I. Proposal

Paragraph 5.4.1.1., amend to read:

“The AEBS function shall be automatically reinstated at the initiation of each engine start/run cycle engine start (or run cycle, as relevant). This requirement does not apply when a new engine start/run cycle engine start (or run cycle, as relevant) is performed automatically, e.g. the operation of a stop/start system.”

II. Justification

1. The interpretation of “engine start/run cycle” tabled by OICA per document GRVA-13-33 was endorsed by GRVA at their 13th session in May 2022 (see paragraph 78 of the official report GRVA-13).
2. Paragraph 78 of the report reads: “GRVA supported the interpretation 1 referred to in that document and requested that proper attention is given to the French translation of the corresponding text in the Regulation”.
3. Interpretation 1 reads: “new ‘engine start’ / ‘run cycle’ = AEBS shall be reinstated at each new ‘engine start’ or new ‘run cycle’, at the choice of the manufacturer”.
4. The wording proposed in bold characters aligns the text of the regulation on that interpretation. This should be applicable to all the versions of the regulation.
5. A parallel document proposes amendments to UN R131 in order to keep the two regulations well aligned.