

Amend Annex 21 Appendix 2 paragraph 2.1. to read as follows:

2. VALIDATION of THE SIMULATION TOOL

2.1. The validity of the applied modelling and simulation tool shall be verified by means of comparisons with practical vehicle test(s).

The test(s) utilised for the validation may include one or more of the following list:

However, the simulation must be able to show at least one case in which the command inputs are so severe as to cause loss of directional control or roll-over control, as appropriate to the functionality of the installation on a representative vehicle.

Justification

The present wording of this paragraph contains the clause “ the test(s) utilised for the validation **shall** result in loss of directional control or roll-over control

This could readily be interpreted as meaning that all the tests in the comparison of vehicle modelling performance and actual vehicle practical tests shall result in loss of control. Clearly this cannot be intended especially as roll over would have to be included in the practical vehicle tests with the attendant risk of serious danger and expensive damage.

The normal comparison would be expected to take place within the system control range but the simulation has to be able to demonstrate a loss of vehicle control caused by driver commands, of speed and steering, which are beyond the system’s corrective capability.