**DRAFT ToR for a new IWG on the Revision of UN R138.01**

**Proposal by the expert of OICA**

**GRBP 75, February 2022**

1. Foreword:  
   Technical items under QRTV (Quiet Road Transport Vehicles) as actually covered by the still existing GTR QRTV working group under the chairmanship of the USA. Before a new IWG QRTV is created, the work split should be discussed.
2. Scope:  
   Elaborate proposals for amendment of UN R138.01 taking into account the following items
3. Work items and deliverables:  
   See proposed work modules below; work should be done according to a priority as decided by GRBP 75; Suggestion: consider revisions items especially regarding uncertainty as supplement to UN R138.01; further changes such as a restructuring of UN R138 and change of limits shall be reflected in a new series of amendments.
4. Timeline:   
   Multiple milestones should be defined according to the above mentioned steps; exact timing to be reviewed after discussion and finalization of the work list.
5. Formal aspects:  
   Chair/Co-chair: t.b.d. / secretary: OICA can offer to provide the secretary to the group  
   The usual formal terms for an IWG shall apply (to be added later)

Proposal for a work list (to be review and extended):

1. Safety effectiveness
   1. Review studies, if available
2. Unclear specifications
   1. Proposal France GRB-2021-14
   2. others
3. Uncertainties
   1. Work of ISO
   2. Interchangeability of the various options on test procedures (indoor versus outdoor, ..)
   3. Apply principle of IWG MU
4. Structure of UN R138
   1. Specifications for component approval (as UN R28)
   2. QRTV compliance achieved by other measures (AEBS, CMS, …)
5. Stringency of AVAS
   1. Review minimum and maximum sound levels
   2. Operation range of AVAS