

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