

TERMS OF REFERENCE:  
GRB Informal Working Group on  
~~UNECE~~51.03 Annex 7 (ASEP) Regulation under 1958 Agreement

Draft for adoption by GRB at its sixty-fourth session  
(subject to WP.29 ~~consent~~ adoption)

### A. Introduction

1. ~~At the~~Within the working group for future work for GRB ~~working group and at~~during GRB 62, 63 and 64th session, ~~it was presented~~ several concerns about ASEP ~~have been presented~~:
  - Update the text to improve clarity and simplification in short term
  - ~~Add~~ ~~M~~missing sound limit values for N1 and Off-road in Annex7 para. 5.3 ~~to be added~~.
  - Series hybrid vehicles are excluded from the ASEP until 30 June 2019; new test methods will be necessary in R51.
  - ASEP as a part of type approval (not as a manufacturer declaration)
  - More general technical review in cooperation with ISO (Improvement of methods)It was proposed to create an IWG for ASEP starting on 2016.
2. This proposal establishes ~~the~~ Terms of Reference for a new IWG on ASEP (Regulation 51 under the 1958 Agreement).
3. The aim of the group is to propose improvement of this ~~R~~regulation.

### B. Objective of IWG on ASEP Regulation

1. The scope and purpose of the objective is based on the informal document GRB-64-16.
2. The scope, which initially covers M1 and N1; categories ~~may be extended to Regulation R41 to for L3 category in a second phase if needed~~.
3. For primary objective of IWG for ASEP shall:
  - ~~On a short term (for GRB 65 in February 2017)~~
    - continue work done by ISO to update the text to improve clarity and simplification;:-
    - ~~propose missing limits for~~e.g. N1 from UN R51.02 ~~N1~~ in reference sound assessment;
    - re-structure the text ~~to comply with a technical standards~~for better understanding
  - ~~On mid/long term~~
    - review and improve test procedure for automatic transmission in non-locked ~~gear~~ ~~Transmission condition~~;
    - propose ~~a~~ test procedures for hybrid vehicles and new technologies of vehicle.
    - ~~propose limits for N1 in reference sound assesment~~
    - propose ~~a~~ simplified test procedure and/or alternative test (such as in-door testing) to ~~reducesave~~ time ~~expensive~~ and to enable direct application of ASEP during type approval
4. In addition, the IWG for ASEP ~~could~~ ~~might~~ also propose a general principle for revision of ASEP regarding :
  - ~~Consideration of S~~scope and target ~~to elaborate on sound behaviours subject to criticism;which failure to be check~~
  - ~~Improve the E~~Effectiveness of the method regarding off-cycle tests, ...)
  - Field of application
  - Control range (method ~~to be~~ more representative ~~to for~~ urban driving behavior)
  - ~~Consider A~~alignment-harmonization with ASEP ~~UNECE~~ R41~~—, if possible~~
5. The IWG on ASEP Regulation shall report to GRB.

### C. Rules of Procedure

1. IWG on ASEP Regulation is open to all participants of GRB. However, it is recommended that a maximum of two technical experts per country and organization participate in this group.
2. IWG will be chaired by France/China and co-chaired by Japan. OICA will act as Secretary.
3. The working language will be English.
4. All documents and/or proposals must be submitted to the Secretary of IWG in a suitable electronic format at least one week before ~~the session~~ a scheduled meeting.
5. An agenda and the latest draft document will be circulated to all members of IWG in advance of all scheduled meetings.
6. All IWG documentation will be made available on the dedicated UNECE website.

#### D. Timeline

1. The aim of IWG is to present a working document for consideration during the 65<sup>th</sup> GRB in ~~January~~ February 2017 for clarification on ASEP and a detailed elaborated work plan and timeline. ~~The aim of~~ The group will present a progress report including already achieved further results by September 2018 and a comprehensive proposal by September 2019. ~~IWG is to present will be presented for consideration during 66<sup>th</sup> 67<sup>th</sup> GRB, in September 2017 2018 testing statement and roadmap of the GRB.~~
  2. The first IWG meeting is planned to be held on 7<sup>th</sup> and 8<sup>th</sup> ~~1<sup>st</sup> or 2<sup>nd</sup> week~~ of November 2016 in China.
  3. The second IWG meeting is planned to be held on 13<sup>th</sup> and 14<sup>th</sup> February 2017 before GRB 65<sup>th</sup>.
-