

# IWG FOR ASEP

## STATUS REPORT TO GRB-70 (*SEPTEMBER 2019*) AFTER THE 12TH SESSION ON JULY 2019

# FOLLOW-UP OF THE MEETINGS

- 1st Meeting : 2016, November – Tianjiin
- 2d Meeting : 2017, February – Geneva
- 3rd Meeting : 2017, May – Brussels
- 4th Meeting : 2017, July – Washington
- 5th Meeting : Japan, 2017, November, 7<sup>th</sup> am to 9<sup>th</sup> pm
- 6th Meeting : Geneva (in junction with GRB), 2018, January, 22<sup>th</sup> pm to 24<sup>th</sup> am
- 7th Meeting : 2018, March 20<sup>th</sup> am – 22<sup>nd</sup> am, China, Changchun
- 8th Meeting : Europe (*Brussels EC to be confirmed*), 2018, July, 10<sup>th</sup> am -12<sup>th</sup> am
- 9th Meeting : Geneva (in junction with GRB), 2018, September, 12<sup>th</sup> am
- 10th Meeting : Japan, November 06-08, 2018
- **11<sup>th</sup> Meeting: China, April 09-11, 2019**
- **12<sup>th</sup> Meeting: Germany, July 09-11, 2019**

# PARTICIPATION

## ▪ Participants to the 11<sup>th</sup> & 12<sup>th</sup> sessions:

### ✓ Contracting Parties:

- China,
- European Commission (confcall),
- France (11th session),
- Germany,
- Japan,
- Netherlands (11th session),
- Spain (12th session)

### ✓ NGOs:

- CLEPA (12th session),
- IMMA,
- ISO,
- OICA

# PROPOSALS ONGOING

## ▪ GRB 70th (September 2019):

- ✓ **ECE/TRANS/WP.29/GRBP/2019/13 (IWG ASEP)** – Proposal for Supplement 6 to the 03 Series of amendments to Regulation No.51 – Based on GRBP/2019/10 after discussions during GRBP-69 January 2019 to provide clarification and corrections. Especially for:
  - Stable acceleration
  - Selected mode for tests and sound levels to be reported in the communication form
  - Target engine speed
  - Results for sound emitted by stationary vehicles according to the single test position, multiple test positions and modes
  - What sound level to be taken as reference for the vehicle type with introduction in Annex 3 of a new paragraph 3.2.7.
  - Maximum sound pressure level determined between AA' and BB' +20m + vehicle length
  - Stationary sound with introduction in Annex 3 of a new flowchart as Figure 6
  - CoP
  - Stable acceleration and determination of maximum sound level for pass-by measurement in Annex 7
  - Corrections of numbers to reference paragraphs

# PROPOSALS ONGOING

- **GRB 70th (September 2019):**
  - ✓ **ECE/TRANS/WP.29/GRBP-70-xx (IWG ASEP)** – Proposal for a consolidated version of the 03 Series of amendments to Regulation No.51 up to Supplement 5 or 6
  
- **GRB 70th (September 2019) – other documents presented directly by CP or NGO supported by the IWG ASEP:**
  - ✓ **ECE/TRANS/WP.29/GRBP-70-06 (OICA)** – Proposal for amendment to ECE/TRANS/WP.29/GRBP/2019/13
  - ✓ **ECE/TRANS/WP.29/GRBP-70-04 (Germany)** – Proposal for Supplement 2 to the 01 Series of amendments to Regulation No.138

# STATE OF PROGRESS AFTER 11<sup>TH</sup> & 12<sup>TH</sup> SESSIONS OF IWG ASEP

## ▪ L CATEGORY

- ✓ Main concerns: repeatability, difficulty for vehicle operation, number of test points.
- ✓ Are supported by the IWG ASEP (for details see document ASEP-12-07 Rev.2)
  - Test procedure in 2 phases
    - “Pre-measurement area”: Phase before AA’ to prevent cycle beating
    - “Measurement area”: Complete area AA’ to BB’ as real driving area
  - The procedure for the additional ASEP test points
  - How to handle CoP and Market surveillance
- ✓ Still under discussions:
  - Backfire

# STATE OF PROGRESS AFTER 11<sup>TH</sup> & 12<sup>TH</sup> SESSIONS OF IWG ASEP

## ▪ L CATEGORY –

✓ Time schedule proposed by IMMA:

- Proposal of amendment to UN-R41-05 will be sent to the IWG ASEP by mid-September 2019
- Discussion during the 13th session of IWG ASEP in September 2019 (Milford/USA)
- Finalization in October 2019 of the proposal of amendment to the UN-R41 to provide a Working Document or an Informal Document to GRBP-71 January 2020
- Adoption of a working document at GRBP-72 September 2020

Nevertheless this time schedule seems too optimistic according to the work to be done.  
To be consolidated with the position of the Contracting Parties.

# STATE OF PROGRESS AFTER 11<sup>TH</sup> & 12<sup>TH</sup> SESSIONS OF IWG ASEP

## ▪ **M CATEGORY - Revision of Regulation UN-R51-03:**

### ✓ General issues:

- Works of the IWG on the revision of the main body and a fully new Annex 7 of Regulation No.51 will be proposed as a New Series (UN-R51-04)

### ✓ Supplement 6:

- GRBP/2019/13 (IWG ASEP) + GRB-70-06 (OICA) supported by the majority of the group

### ✓ Consolidation of UN-R51-03 up to

- Supplement 5 (GRBP-70-xx) or Supplement 6 (GRBP-70-xx) (*according to the decisions during this session GRBP-70*)

### ✓ Main body → see document ASEP-12-13 with:

- Revision of paragraphs 1, 2, 6.2.3.
- Introduction of a new paragraph 6.2.4. « Provisions against manipulations »

# STATE OF PROGRESS AFTER 11<sup>TH</sup> & 12<sup>TH</sup> SESSIONS OF IWG ASEP

## ▪ M CATEGORY - Revision of Regulation UN-R51-03:

- ✓ Annex 7 **still in progress** → see document ASEP-12-10, especially with
  - Name of new Annex 7: **Real Driving Additional Sound Emission Provisions (RD-ASEP)**
  - For all changes, see ASEP-12-10 document in progress
  - Introduction of flowchart → see initial draft with document ASEP-11-12
  - Introduction of test report sheet → see document ASEP-12-12 Rev.1

## NEXT STEPS

- **Topics at least to be continued/followed during the next sessions of the IWG ASEP with the Drafting group (Germany, Japan, China, OICA and ISO as volunteers) and the Official group**
  - ✓ Exchange of information on national and international requirements
    - Indoor for ASEP
  - ✓ Model concept analysis for categories M & L **with more data**
    - Review of test program and data collection for categories M<sub>1</sub>, N<sub>1</sub> and L<sub>3</sub>
    - Comparison of data bases for L and M/N categories
    - Identification of open issues/ problems
  - ✓ Revision of current procedures
    - Regulation No.51 – especially Annex 7 including new flowchart and test report sheet
    - Regulation No.41 – a proposal will be shared with the group mid-september before the 13th session of the IWG ASEP
      - **Required time schedule to be consolidated**

# NEXT STEPS

## ▪ Next Official Sessions of IWG ASEP in 2019:

### ✓ Drafting group ONLY

- Tuesday 24th September 2019, starting at 10:00 ending at 17:30 - USA

### ✓ Official sessions of IWG ASEP:

- 13th Meeting: 25-26 September 2019 - USA
- 14th Meeting: 05-07 November 2019 – Japan
- 15th session: before the GRBP-71, 27-28 January, 2020 - Geneva
- 16th session: March-April 2020 - China?
- 17th session: June 2020 to be defined - Brussels (EC) or Paris
- 18th session: 10-11 September 2020 – Geneva ?
- 19th session: 1st half of October 2020 (Japan??)

**Thank you**