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

- Participants to the 11th & 12th 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
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)
  o 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
  o The procedure for the additional ASEP test points
  o How to handle CoP and Market surveillance

✓ Still under discussions:
  o Backfire
STATE OF PROGRESS AFTER 11TH & 12TH 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.
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- 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 11TH & 12TH SESSIONS OF IWG ASEP

- M CATEGORY - Revision of Regulation UN-R51-03:
  - Annex 7 **still in progress** → see document ASEP-12-10, especially with
    - 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 M₁, N₁ and L₃
    - 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
  - 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