Update from RDE IWG

GRPE January 2020

From the sponsors:
European Union
Japan
Korea
Background

- During GRPE meeting in June 2018, EU, Japan and Korea requested the creation of an RDE IWG and the proposal was accepted.
- Creation of RDE IWG accepted by AC.3 in its June 2018 meeting
Meetings

The group met on:

1. 11-12 September 2018 in Brussels
2. 27-28 November 2018 in Brussels
3. 9 January 2019 in Geneva
4. 1-2 April 2019 in Tokyo
5. 22 May 2019 in Geneva
6. 9-10 July 2019 in Vienna
7. 30-31 October 2019 in Seoul
Seoul meeting
Status report

- **GTR developed keeping provisions generic and appropriate for many CPs**
- Decisions on boundary conditions, trip composition etc. left mostly for decision by CPs
- **Example:**
  - “The composition of the RDE test shall broadly reflect the composition and characteristics of the relevant regulatory cycles against which compliance will be checked.”
Status report

- Applications of the rules for countries applying WLTP (EU, Japan, Korea) are provided as examples
- Application of the rules for India and MIDC also included as examples
Status report

- When emission limits are respected, allow the testing to count even if the vehicle is stuck in traffic (Korean suggestion)

- Other improvements will include:
  - Better methods for checking consistency of signals
  - Addition of PEMS-PM methodology
  - List for checking whether selected vehicle is appropriate
Upcoming Meetings

- 9th meeting in 25-27 February 2020 in Ispra, Italy to prepare working document
- Ad-hoc meetings if needed
- Working documents in June 2020 GRPE meeting (half day requested for IWG meeting)
- And then....**Phase 2**
- Contents still to be decided, but wish to make the methodology more wide
- Request for extension in June meeting
- Meetings already foreseen in USA and China
UN Regulation

- A proposal for UN Regulation was prepared in parallel by EU and Japan
- Proposal was discussed in Seoul and in Geneva meetings with all participants of the group
- The proposal for the UN Regulation will be formally submitted by EU and Japan (not part of the mandate of the IWG)
UN Regulation details

- Draft text reflects the current status quo of the existing Regulations, with some improvements made
- Able to achieve a fully harmonised text
- One RDE test will be checked with two methods, one complying with EU and one complying with Japanese regulations
- Boundaries, methods, etc. all harmonised
Summary:

- Work progresses well and plan to deliver as promised in June 2020
- Need to ensure that text is harmonised between UNR and GTR
- Some elements still missing in GTR (PM method)
- We create a database on RDE measurements and tool to analyse results that is available to all
- Second phase likely to modify the GTR to include other methodologies
Thank you for your attention!

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