Report from IWG on Environmental and Propulsion Performance
Requirements for Light vehicles
(EPPR)

66th GRPE 6-7th June 2013 Geneva

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EPPR-Background

- Initiative by European Union to set up IWG regarding Environmental and Propulsion Performance Req for Light vehicles (i.e. Category 3 or L-category type vehicles)
- Initiative was announced in GRPE in January and June 2012 and WP29 in June 2012
- Agreement by WP29 Nov 2012 to establish IWG
- 1st IWG meeting Geneva 18th January 2013
- 2nd IWG meeting Brussels 24-25 April 2013
- Work to be finalised by 2016

ToR and request for mandate

- Terms of Reference in informal doc GRPE-66-11
- Request for mandate in informal doc GRPE-66-12
- ToR and mandate discussed and agreed in EPPR group
- Priority to work under 1998th agreement but will also work under 58th agreement
- Amend GTR No2 and develop new GTRs with respect to Environmental and Propulsion Performance Requirements
- Create synergies with 58th agreement and where possible develop common requirements in form of UN Reg(s)
- Exchange information on current and future regulatory requirements for 'light vehicles'

Main areas of work

- The main activities are proposed to be focussing on revising or establishing the following test types:
 - Type I: Tailpipe emissions test after cold start;
 - Type II: Tailpipe emissions test at (increased) idle / free acceleration;
 - Type III: Emission test of crankcase gases;
 - Type IV: Evaporative emissions test;
 - Type V: Durability testing of pollution control devices;
 - Type VII: Measurement of CO2 emissions, fuel consumption, electric energy consumption and electric range determination;
 - Type VIII: On-board diagnostics environmental verification tests.
- Unified rules and test procedures to measure power and torque for propulsion technologies fitted on L-category vehicles
- unified measurement of maximum design vehicle speed and/or power for restricted L-category vehicles should be developed and agreed upon.

Ongoing priority discussion

- Priorities from CPs have been identified and discussion will continue in 3rd EPPR meeting
- Areas with highest priority are:
 - Evaporative emissions (Test Type IV)
 - OBD (Test Type VIII)
 - Tailpipe emissions (Test Type I)
- Final decision on prioritisation not taken yet

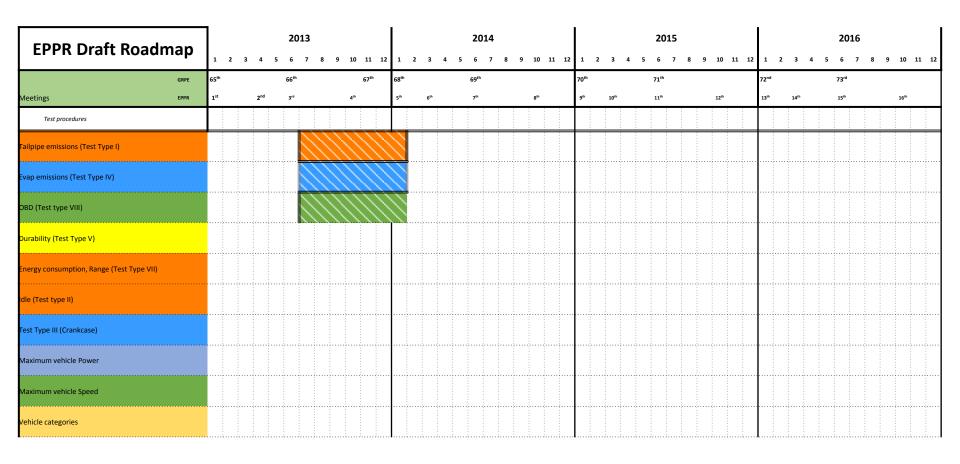
Ongoing discussion in EPPR IWG

- Structure of GTRs with separate GTRs per subject (similar structure as WHDC, OBD and OCE for HDVs)
- In order to minimise no of GTRs discussion on grouping test types and vehicle categories is ongoing based on a proposal from India
- 'mirror' requirments in UN-regs will be needed. Structure to be discussed

Draft Roadmap

- November 2012: 158th session of WP.29 agreement on establishment of informal working group by adoption of the mandate regarding environmental and propulsion performance requirements for L-category vehicles.
- January 2013: 1st meeting of the EPPR informal working group. Review and adoption of the Rules of Procedure and Terms of Reference.
- June 2013: .GRPE (66th session) meeting of the EPPR informal working group. Presentation of draft final roadmap and related programme management items to GRPE submitted for adoption.
- November 2013: 158th session of WP.29, adoption of GRPE decision regarding the final roadmap and related programme management items.
- 2013-2016: meetings of the working group, regularly reporting to GRPE and the Administrative Committees (AC 1 and AC 3)
- January 2016: Present a final report as an informal document to GRPE
- 2016: possible adoption of UN Regulation(s) and Global Technical Regulation(s)

Draft roadmap (proposal from chair)



Next meetings

3rd meeting in Geneva on 7 June 2013

4th meeting 8-9 October 2013, Pune, India

 5th meeting in conjunction with GRPE in Geneva in January 2014 (to be confirmed)