

## **Minutes**

### **of 5<sup>th</sup> WLTP Informal Group Meeting 8.1.2014 in Geneva**

#### **1. Welcome and Introduction**

Chair welcomed the participants. The Agenda was adopted without changes or amendments.

#### **2. Status of WLTP gtr development (WLTP Phase 1A)**

- GRPE working document GRPE/2013/13 and Informal document GRPE-67-04-Rev.1 were introduced. Status of document [ECE/TRANS/WP.29/2014/27](#) on WP29 Website has to be checked (IG WLTP)
- Heinz Steven gave a short overview of the detailed Technical Reports on DHC ([GRPE-68-03](#)) and DTP ([GRPE-68-04](#)).

#### **3. Organization of WLTP phase 1B**

- Chair introduced Working Paper [WLTP-05-03](#). Chair explained objectives, roles and tasks of Subgroup and Task Forces. Organizational structure of SG EV was amended with an additional technical secretary supported by OICA. Nominated was Stephan Hartmann (Volkswagen). Drafting Coordinator for Phase 1B will be sponsored by the EU Commission. Serge Dubuc has offered to continue the task.
- Open issues list (Working Paper [WLTP-05-04](#)) was presented by Ichikawa, TS. India raised the issue of definition of maximum speed as regional option or R68 application and supported a harmonized definition. Issue is on OIL for HEV and will be discussed again for ICE vehicles. The potential need for validation is indicated for each issue.
- The experts who are responsible to develop the proposals for the open issues are indicated in the OIL. To ensure a sufficient pre-discussion of the proposals in advance of the WLTP IWG meetings other relevant experts / parties shall be involved already in the early development process. These

stakeholders shall indicate their interest to the responsible expert and WLTP IWG leading team.

#### 4. Overview of key issues of WLTP Phase 1B

- Electrified vehicles: Utility Factors, phase specific calc. formula and shortened test procedure were presented (Working Paper WLTP-05-06) by SG Co-Chair Niikuni. EU Com explained status of work on regional Utility Factor based on WLTP database. Chair raised question about overlapping actions within EU and UN/ECE projects. EU will fix proposal for utility factors in 1. Quarter of 2014 and introduce it for discussion in WLTP Phase 1B. EU Com remarked different definitions of HEV in WLTP and HD regulation and asked for review. Issue will be added to the WLTP OIL.
- Cycle/Process and RLD  
Responsibility for open issue "sailing" was changed to ACEA. ACEA will develop a proposal. Number of tests (Working Paper WLTP-05-07) and key issues for RLD (WLTP-05-05) were presented by Ichikawa, Kolesa, TSs. ACEA data as well as the correlation program of EC will provide additional for default road load parameters.
- General:  
Presentations on Normalization procedures (Steininger, EC) and on Ambient Temperature Correction Test (ATCT) (Eder, BMW). EC recommended special meeting of RLD experts to discuss normalization approach in 1<sup>st</sup> Quarter 2014. ACEA will provide first validation data on the family characteristics until end of January.

Chair encouraged Contracting Parties and other stakeholders to show their interest to participate in the validation program for the ATCT procedure.

Chair requested Contracting Parties to give a feedback on the proposed **normalization procedures** and the interest to (partly) harmonize such procedures in the gtr. **Feedback of CPs to WLTP Chair is requested until 14.2.2014.**

## **5. Organization of Round Robin Exercise**

Reports of Coleman, OICA & Ichikawa, TS (Working Papers [WLTP-05-08](#) and [09](#)) were presented. The Round Robin exercise will be performed in two parallel and linked sequences in Europe and Asia. US EPA announced interest in participating the round robin.

## **6. DTP-Subgroup on Additional Pollutants (AP)**

Progress report was presented by C. Astorga, JRC. Measurement equipment for NH<sub>3</sub> and ETOH was analyzed and a technical set up is recommended. Drafted amendment of gtr is expected until June 2014. Validation is still an open issue. OIL of Phase 1B has to be amended in this respect.

## **7. Meeting schedule**

- Preparatory Telephone/Web Conference 2 weeks in advance of IG meeting
- 6<sup>th</sup> WLTP IG Meeting, 26.- 28. March 2014 (Vienna, Austria)
- 7<sup>th</sup> WLTP IG Meeting, 4. June 2014 (Geneva, preceding GRPE)

For the WLTP Informal Group

Chair

**Stephan Redmann**