

WLTP SG EV Web Meeting 14th of November 2017
Meeting minutes

1. Revision of meeting minutes from last meeting 18th of October (WLTP-SG-EV-19-02)
 - Adaption: Summary of Low Temperature topic (emission limits haven't been discussed in the TF meeting)
2. Low Temperature Test Procedure
 - No new proposals shared during this meeting
 - LowTemp TF Chair clearly requested the need for input from SG EV to the LowTemp discussion in next face-2-face-meeting @EMPA/Switzerland (can be done independent from the temperatures)
 - JP confirmed to present their position during meeting @EMPA
 - Still the situation that two different temperatures had been stated for emission evaluation (EU: -7°C, JP: -2°C) and it's not clear which temperature shall be considered for CO2 and range determination as customer information
 - Nevertheless, SG EV members will continue discussions on a test procedure for OVC-HEVs and PEVs; if proposal available in advance of December 12th/13th, we SG EV meeting has to be arranged on short notice to discuss that input for the LowTemp f-2-f
 - Thomas Buetler from EMPA will present an update on his work on the low temperature energy demand of electrified vehicles → presentation not finally confirmed yet
 - Remarks: Further discussion in SG EV more reasonable and constructive based on the information available after the LowTemp TF meeting @EMPA → if new information or a proposal is available before the TF meeting, an additional SG EV web-audio will be set up to discuss this information/proposal
3. Report EVE meeting Vienna on Durability (collaboration with IWG EVE) and HEV System Power Determination (collaboration with IWG EVE) → more detailed information: see Post meeting action items (EVE-24-13e.pdf)
 - Durability:
 - o discussion of durability requirement matrix (Input from EU (draft) and JP)
 - o EVE secretariat will prepare a consolidated matrix of all views for the January EVE meeting
 - o Before: Matthias Nägeli will share definitions on how values are being calculated in WLTP which are intended to be checked in the context of durability (EVE durability matrix)
 - o ACEA WLTP EV group position is to check durability from a whole vehicle perspective and by in-use-testing/in-service-conformity
 - o As soon as consolidated matrix is available it will be reviewed and checked by WLTP SG EV; if possible feedback will be prepared for upcoming IWG EVE meeting; if not possible, WLTP

SG EV members will attend IWG EVE meeting on January 8th in Geneva

- JRC is continuing on working on durability modeling (battery durability) and validation
- Canada is performing durability testing and will share updated results at March meeting
- HEV System Power:
 - Heinz Steven is asked to join the January EVE meeting in Geneva (Question: "Are the ISO method for power determination appropriate for the WLTP methodologies downscaling and cycle classification?")
 - Serge is being asked to support the drafting process with his experience as WLTP drafting coordinator
 - To clarified: integration of system power into GTR15 or setting up a separate GTR? Already decided during WLTP discussion to include HEV system power determination methodology as Appendix to Annex 8 in GTR15 or to make a separate GTR as it was done e.g. for EVAP?
 - Drafting process initiated by Mike Safoutin (US-EPA), first drafting meeting (web-audio) on November 21st
 - Further validation testing: manufactures as well as labs are being asked to support the validation testing of TP1 and TP2
 - Canada confirmed validation testing availability; JRC could do testing but would need vehicles from manufacturers
- 4. Warm Up Procedure for PEV coast down procedure
 - I got feedback from Celine after our meeting last week and we had a small e-mail exchange with Celine
 - By warm up phase is meant: speed during and duration of the warm-up phase
 - This clarification is being reflected in the attached proposal
- 5. Run-In for Annex 8 vehicles
 - In the previous meeting, an idea was discussed concerning the vehicle run-in of Annex 8 vehicles
 - This idea hasn't been shared up to know; it's attached to this mail
- 6. Next meetings
 - SG EV leading team is informing IWG EVE leading team that WLTP SG EV members would like to attend the IWG EVE meeting in Geneva on January 8th
 - SG EV leading team is checking the room availability for January 10th to have a half-day SG EV meeting to continue discussions on e.g. Low Temp Test Procedure etc.
 - Low Temp TF f-2-f-meeting will take place on December 12th/13th @Empa/Suisse
 - No SG EV web-audio planned in December 2017 but can be done on a short notice if needed and required

