

38 th WLTP Sub Group EV Meeting	
Date	11 March 2020
Time	9:00 to 12:00 CET
Title	38 th WLTP Sub Group EV Meeting – Agenda
Location	Web-Audio connection: https://ecwacs.webex.com/meet/sporsti-ronnberg

0	Revision & adoption of meeting minutes & agenda
	<ul style="list-style-type: none"> - Meeting minutes of web-audio meeting on 4 March 2020 and time slot on 5 March 2020 during LowT TF web-audio - Adoption of this agenda
1	WLTP Low Temp Test Procedure Development for EVs: conclusion on open topics
	<p><u>Conclusion of open topics for Low Temp test procedure(s) for EVs</u></p> <p><i>Overview presentation of remaining open topics on test procedures to be agreed upon</i> Open topics Low Temp Test Procedure after February IWG IMD and SG EV rev6.pptx</p> <p><i>Discussion input on test sequences</i> 200309 Possible Low Temp Test Sequences overview rev1.pptx</p> <p><u>Conclusion on required parameters during Type 6 testing</u></p> <p><i>Overview of required parameters during Type 6 testing – consolidated document (EC’s and JPN’s preliminary positions)</i> Overview required parameter during Type 6 EC JPN prel feedback consolidated.xlsx</p> <p><u>Overview of remaining open items (status of topics)</u></p> <p>The latest document <i>WLTP_Low_Temp_TF_Status_list_v2020-xx-yy.xlsx</i> can be found in the UNECE wiki area: Optional annex Low T - Drafting</p>
2	WLTP Low Temp Test Procedure Development for EVs: drafting
	<p><u>Working draft document from SG EV for Low Temp test procedure</u></p> <p>Working draft available: refer to updated Annex 8 working draft for NOVC-/OVC-HEV and PEV (including “PEV Type 6 test procedure”) Low temperature test procedure xEV draft V7.9.docx</p> <p><u>Working draft of Low Temp Optional Annex</u></p> <p>Working draft available: refer to the latest document <i>20xxyy – Low Temp Annex based on ECE-TRANS-WP29-2019-62e.docx</i> can be found in the UNECE wiki area: Optional annex Low T - Drafting</p>

3	WLTP Low Temp Test Procedure Development for EVs: family concepts
	<p><u>Family concept for NOVC-HEV and OVC-HEV (incl. ICE)</u></p> <p>Working draft available: refer to paragraph 5.10. “Low temperature family definition” in latest version of Low Temp Optional Annex (Optional annex Low T - Drafting; see EC’s revised proposal as of 21 February 2020)</p> <p><u>Family concept for PEV</u></p> <p>Working draft required: UBE family definition including criteria parameters such as “battery capacity”, “battery preheating”, “same battery insulation/housing”, “on-board charger” as well as other relevant criteria, if required.</p> <p><i>Update on ACEA’s input for Low Temp family concept for PEV</i> PEV Low Temp Family idea ACEA EV update.pdf</p>
4	GTR#15 Amd#6 Development
	<p><u>Decisions about topics to go/not go into GTR#15 Amd#6</u></p> <p>Updated overview presentation on possible input from SG EV for GTR#15 Amd#6 (<i>postponed topics from UNR WLTP development and additional new topics</i>) 200227 Possible inputs SG EV GTR15Amd6 tbd rev2.pdf</p> <p><u>Additional topics (new)</u></p> <p>Decision needed on:</p> <ul style="list-style-type: none"> - Proposed update in the context of the CO2/FC correction factor application of HEVs/FCHVs (slide 11) <i>Updated explanation regarding “worst case” based on discussions/questions during 5 March 2020 web-audio</i> 200308 Updated proposal CO2 FC correction ACEA EV rev2.pdf <p><u>Postponed topics from UNR WLTP development</u></p> <p>Decision needed on:</p> <ul style="list-style-type: none"> - Update/amendment of the wording of nominal voltage (slide 4) - Declared number of cycles in CD mode for OVC-HEV (slide 8)
5	Next meetings (WLTP calendar)
	<p><u>Proposed WLTP SG EV drafting web-audio (to be discussed):</u></p> <p>13 March 2020 (09:00 to 12:00 CET)</p> <p><u>Proposed WLTP SG EV web-audios in Q2 2020 (to be discussed):</u></p> <p>1 April 2020 (09:00 to 12:00 CET)</p> <p>8 April 2020 (09:00 to 12:00 CET)</p> <p><u>30th WLTP IWG meeting (web-audio):</u></p> <p>14 to 18 April 2020, (web-audio, times tbd)</p>

6	AOB

For Information

WLTP Low Temp Test Procedure Development for EVs: current proposals
<p><i>EC's proposal on Low Temp test procedure for OVC-HEV & NOVC-HEV</i> 2020_01_14_OVC-HEV_NOVC-HEV_procedure_proposal_JRC_V3</p> <p><i>Update on EC-JRC's proposal on Low Temp test procedure for PEV</i> 2020_02_05_PEV_update.pdf</p> <p><i>EC's proposal for required parameters during Type 6 testing (preliminary position)</i> required parameter during Type 6_EC.pdf</p> <p><i>JPN's proposal for required parameters during Type 6 testing (preliminary position)</i> (MLIT)required parameter during Type 6_rev1.xlsx</p> <p><i>JPN's proposal on Low Temp test procedure for NOVC-/OVC-HEV & PEV</i> Test Diagram JAPAN proposal_rev4.xlsx</p> <p><i>JPN's proposal on Low Temp test procedure for PEV</i> WLTP-IMD-03e PEV test procedures JPN proposal.pdf</p> <p><i>ACEA's proposal on Low Temp test procedure for NOVC-/OVC-HEV & PEV</i> WLTP-IMD-04e EV Low Temp Test Procedure Proposal ACEA EV revised.pdf</p> <p><i>EC's proposal on Type 6 Family (ICE, NOCV-HEV & OVC-HEV)</i> Refer to paragraph 5.10. "Low temperature family definition" in latest version of Low Temp Optional Annex (Optional annex Low T - Drafting; see EC's revised proposal as of 21 February 2020)</p> <p><i>ACEA's input for Low Temp family concept for PEV</i> WLTP-IMD-05e PEV Low Temp Family idea ACEA EV revised.pdf</p>