IWG WLTP Low Temp Test Procedure Development for EV

Status of discussion within WLTP Sub Group EV and tasks until January 2020 GRPE
IWG WLTP Low Temp Test Procedure Development for EV

Current status of topics within Low Temp TF open issue list

Link to open issue list:
WLTP Low Temp TF Status list v2019-09-25.xlsx
IWG WLTP Low Temp Test Procedure Development for EV

Current status of the discussion regarding test procedure

<table>
<thead>
<tr>
<th>Vehicle Category</th>
<th>Type 1 Test Procedure</th>
<th>Options in discussion for Type 6 Test Procedure</th>
<th>Status of discussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOVC-HEV</td>
<td>CS-Test (1 x WLTP cycle)</td>
<td>CS-Test (1 x WLTP cycle)</td>
<td></td>
</tr>
<tr>
<td>OVC-HEV</td>
<td>CD-Test (n x WLTP cycle)</td>
<td>CD-Test (n x WLTP cycle)</td>
<td>Proposal from JRC</td>
</tr>
<tr>
<td></td>
<td>CS-Test (1 x WLTP cycle)</td>
<td>CS-Test (1 x WLTP cycle)</td>
<td></td>
</tr>
<tr>
<td>PEV</td>
<td>CCP</td>
<td>CCP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STP</td>
<td>STP</td>
<td>Fall back solution is to perform the same test procedure as at Type 1 conditions, but adapted to the requirements of the Type 6 conditions</td>
</tr>
<tr>
<td></td>
<td>Short Method (3 x WLTP cycle)</td>
<td></td>
<td>New approach: Proposals explaining this possible new approach available from GM and Renault</td>
</tr>
</tbody>
</table>
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Main topics to be covered and concluded until January 2020 GRPE

**Main topic 1:**
Test Procedure set up excluding the topic of preconditioning and vehicle preparation (e.g. in case of PEVs: STP or Short Method?)

**Main topic 2:**
Preconditioning for the test (preconditioning drive, soak and charge period) in order to have a robust procedure and reproducible test results (in line with concepts discussed in Low Temp TF)

**Main topic 3:**
Family concept (in line with concepts discussed in Low Temp TF)

**Main topic 4:**
Drafting of the informal document (exchange with Draft Coordinator and Low Temp TF required)
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Next web-audio meeting

**Date & Time**

7 November 2019, 9:00 – 12:00h CET

Agenda will focus on details of main topics 1 & 2.

→ call for proposals; to be sent to the SG EV leading team in advance of the meeting
→ further web-audio meetings to be scheduled for discussion, reaching consensus & drafting