Progress report Annex 4 Open Issues

During the very productive WLTP-IWG #16 the list of Annex 4 Open Issues has been swept clean and the results of the Annex 4 Interest Group under phase 2a have been summarized in the progress report at WLTP-IWG #17. Several Annex 4 related amendments of editorial nature have been handled by the Drafting group.

Recently new issues have been identified and have been circulated among members of the Annex 4 Interest Group. Issues flagged so far, are listed in the table below. The issues have not been pre-discussed yet in the Annex 4 IG.

The Annex 4 Interest Group asks the IWG at its 18th meeting to:
- Survey additional issues
- Mandate the Annex 4 Informal Group to proceed with the selected issues

Starting notes and time schedule will be presented at IWG #19 in Geneva.\(^1\)

If time allows issues can be introduced at the IWG #18 based on documents WLTP-18-19e prepared by Japan and WLTP-18-22e prepared by the BMW expert.

A web/telco meeting of the Annex 4 Interest Group will be held 17 May 2017 in the morning (expected timeslot 9:00 – 12:30 CET)

<table>
<thead>
<tr>
<th>Item</th>
<th>Paragraph</th>
<th>Issue</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>General requirements 5.6.1</td>
<td>Family definitions (consistencies and improvements)</td>
<td>See: Doc WLTP-18-22e Raised by ICCT and BMW Presentation and justification by ICCT; ready for circulation. Related to EU implementation and RDE.</td>
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<tr>
<td>2</td>
<td>3.2, 3.3, 6.5.1, 6.6.1</td>
<td>RL measurement facilities: maintenance and checks</td>
<td>See: Doc WLTP-18-19e Raised by Japan and BMW Linked to issue raised by Japan in ISC Task Force.</td>
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<tr>
<td>3</td>
<td>3.3, 6.2.4</td>
<td>General requirements for wind tunnel method and cycle energy</td>
<td>See: Appendix to Doc WLTP-18-19e Raised by Japan</td>
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<tr>
<td>4</td>
<td>4.1.1.1.1, 4.1.1.1.2.</td>
<td>Permissible wind conditions</td>
<td>See: Doc WLTP-18-19e Raised by Japan</td>
</tr>
<tr>
<td>5</td>
<td>4.2.1.5</td>
<td>Active aerodynamics</td>
<td>Proposal available Presentation and justification by Audi and/or T&amp;E. Ready for circulation.</td>
</tr>
<tr>
<td>6</td>
<td>T.b.d., 4.2.1.7</td>
<td>Position of payload, Weight balance</td>
<td>Raised by BMW and Japan See: Docs WLTP-18-19e, WLTP-18-22e</td>
</tr>
<tr>
<td>7</td>
<td>4.2.2.1</td>
<td>Tyre selection</td>
<td>See: Appendix to Doc WLTP-18-19e Raised by Japan</td>
</tr>
<tr>
<td>8</td>
<td>6.4.1</td>
<td>Repeatability 0.015 m(^2)</td>
<td>See: Doc WLTP-18-19e</td>
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\(^1\) For issues that are ready for adoption at IWG #19 the final proposal will be presented.
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| 9 | **6.4.2** | Improve or clarify formula  
Raised by Japan  
See: Doc WLTP-18-19e |
| 10 | **T.b.d.** | RL determination at low T  
See: Doc WLTP-18-22e  
Raised by BMW  
Leave issue to the Low Temp TF? |
| 11 | **T.b.d.** | T.b.d.  
(“2 or 3 questions”)  
Announcement by Ford |
| 12 | **T.b.d.** | Mode selection  
Raised by T&E  
Annex 4 IG open to deal with this broader issue. |
| 13 | Annex 6 + 7 | n/v  
See: Doc WLTP-18-22e  
Raised by BMW  
Annex 4 IG open to deal with this broader issue |
| 14 | **T.b.d.** | Definition mass in running order  
See: Doc WLTP-18-22e  
Raised by BMW |

**Issues On hold**

- Dual-axis dyno  
**Impasse during phase 2a**  
If Japan lifts blockade, Annex 4 IG is open to discuss proposals.

- **4.2.2.1**  
**(and also Annex 7)**  
Tyre rolling resistance under combined approach  
**On hold awaiting initiative of European Commission**  
The discussions on the use of label values or measured values could be resumed, if necessary, after analyzed data would be available. Doc. WLTP-08-18e.