Summary of 4th Informal Group on WLTP

14 January 2010
Palais des Nations, Geneva
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1. Progress since last GRPE (June 2009)

1-1. During 148th WP.29 (June 2009)

The European Community, Japan and the United States of America committed to ensure the technical co-sponsorship of WLTP and were invited to submit to the AC.3 the their joint proposal to develop the gtr at 149th WP.29.

AC.3 agreed, in phase I, to limit the gtr programme to the DHC and to DTP, but also agreed to work MAC/OCE in parallel with phase I in an open way.

AC.3 agreed that DHC should start, as soon as possible, its work under the chairmanship of Japan and the Vice-chairmanship of United Kingdom.

(continued)
1-2. Started DHC Meeting (September 2009)

According to AC.3 agreement, started its 1st DHC meeting prior to WP.29/AC.3 adoption to discuss
(1) Proposed methodology of harmonized driving cycle
(2) Guideline of in-use data collection.
South Korea committed to participate in the in-use data collection programme.

1-3. During the 149th WP.29 (November 2009)

AC.3 adopted the proposal for the development of a gtr on WLTP (submitted by the European Community, Japan and United States of America) with slight modification.
AC.3 agreed that India and United States of America should co-chair DTP subgroup.
2. Organization during Phase I Work

WLTP Informal Group
Chaired by Mr. GAUVIN
Secretary : N. ICHIKAWA

gtr TEXT Group
Chaired by TBD

Technical Sub-Groups

DHC Group
Chaired by
Mandate : develop worldwide harmonized light duty driving cycle

DTP Group
Chaired by
Mandate : develop worldwide harmonized light duty test procedure
3. Report from DHC subgroup

3-1. Mission

- Devise a methodology for the development of a worldwide harmonized light-duty driving test cycle;
- Develop guidelines for in-use data collection;
- Develop and validate a world harmonized light-duty driving test cycle (activities to include validation, confirmation and round-robin tests)
3-2. Meeting History

- 1st Meeting: 7 ~ 9, September 2009
  @ European Commission, Brussels
- 2nd Meeting: 13 January 2010
  @ Palais des Nations, Geneva

3-3. Summary of 1st and 2nd Meeting

- Methodology for the development of a harmonized light-duty driving test cycle;
  - Proposed methodology has been agreed, with possibility of revision at a later stage.

(continued)
Although a concern on regional weighting factor was raised, data collection and analysis will begin using the proposed data analysis methodology and in-use data collection guidelines – it is important to begin data collection now and assess the suitability of the analysis methodology once data are available for analysis.

-Weighting factor would be discussed at a later stage, as data are collected and reported to DHC.
Guidelines for in-use data collection;

Proposed guideline was approved with modification on data submission deadline as follows...

<table>
<thead>
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<th>deadline</th>
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<tbody>
<tr>
<td>May 2010</td>
<td>1 (possible Japan)</td>
</tr>
<tr>
<td>July 2010</td>
<td>2 (possible Japan &amp; Korea)</td>
</tr>
<tr>
<td>August 2010</td>
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<td>December 2010</td>
<td>ALL</td>
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Original deadline
4. Report from DTP subgroup

1. India and USA presented the proposed roadmap of DTP subgroup activities and requested Contracting Parties to make comments and/or presentation on it.

2. It was proposed to hold 1st DTP meeting from 13 April 2010 to 15 April 2010 at USEPA (Ann Arbor, Michigan USA)
5. Next Actions

1. Make a concrete plan for in-use data collection and submit to Chairman by 19th February 2010. (China, EU, FIA, USA)

2. Start in-use data collection based on each region’s plan.

3. Start DTP work chaired by India and USA

4. Generate the alternative and/or backup methodology, if necessary.
6. Next Meetings

59th GRPE
- 4th WLTP
  13 Jan. 10
- 2nd DHC
  13 Jan. 10

In conjunction with 1st DTP Meeting (if necessary)

3rd DHC
15 Apr. 10
- Review alternative methodology, if available
- Progress of data collection

1st DTP
13~15 Apr. 10
- Presentations (if available)
- 1 month
- Review DTP goals and roadmap
- Discussion on draft test procedure

4th DHC
9 Jun. 10

2nd DTP
9 Jun. 10

60th GRPE
- 5th WLTP
  9 Jun. 10

Comment should be sent to Mr. ICHIKAWA, Technical Secretariat; nick@ichikawa.tec.toyota.co.jp