Summary of 5th Informal Group on WLTP

10 June 2010
Palais des Nations, Geneva
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   (refer to WLTP-DHC-03-01 ~ 05
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1. Progress since last GRPE (January 2010)

1-1. Started DTP Meeting (April 2010)

Successfully started its 1st DTP meeting co-chaired by India and United States @ US-EPA.

(1) Roadmap provided by US was reviewed and all agreed that the timing is aggressive but necessary.

(2) Documents prepared by India (comparison of current requirement) will be start point.

(3) It was agreed to set up 5 sub-groups
   a) Exhaust emission : PN/PM
   b) Exhaust emission : Gaseous constituents including $N_2O$, NH$_3$, NO$_2$
   c) Lab. Process for conventional vehicles
   d) Lab. Process for EV/HEV/PHEV/FCV
   e) Reference fuel

(continued)
1-2. 3rd DHC Meeting (April)

Japan proposed the alternative technique to convert the in-use data to another categorization.

It was agreed to pursue the analysis methodology as described in WLTP-DHC-02-04/05/06 and that the alternative approach could be used if WLTP-DHC-02-04 proves unsuccessful.
2. Organization during Phase I Work

**WLTP Informal Group**
Chaired by TBD
Secretary: N. ICHIKAWA

**Technical Sub-Groups**

**DHC Group**
Chaired by 日本 (Japan) and United Kingdom
Mandate: develop worldwide harmonized light duty driving cycle

**DTP Group**
Chaired by India and United States
Mandate: develop worldwide harmonized light duty test procedure

It is under the consideration that both chairperson also have a responsibility for “gtr TEXT”
3. Report from DHC subgroup

- Data collection: on going as planned
- Data sharing: will be ready by the middle of June 2010 @ JRC FTP server
- Data analysis methodology: alternative technique was well recognized but need more clear explanation.
4. Report from DTP subgroup

- DTP organization: OICA voluntary dispatched the secretary for DTP group. Contracting parties who co-lead each subgroup were decided (refer next page).

- gtr drafting: it is under the consideration that DHC/DTP chair will have a responsibility for drafting gtr text.

- OICA presentation: 3 precise and detailed documents (DTP structure/NO$_2$/NH$_3$) were presented and these documents will be start point for upcoming work.
# DTP Sub-Group Organization

<table>
<thead>
<tr>
<th></th>
<th>Leader</th>
<th>Co-Leader</th>
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<tbody>
<tr>
<td>PN/PM</td>
<td>Chris Parkin (UK)</td>
<td>Caroline Hosier (OICA)</td>
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<tr>
<td>Gaseous constituents</td>
<td>Oliver Moersch (OICA)</td>
<td>TBD (EC/JRC)</td>
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<tr>
<td>Lab. Process * (ICE)</td>
<td>Stephan Redmann (German)</td>
<td>Werner Kummer (OICA)</td>
</tr>
<tr>
<td>Lab. Process (EV/HEV/PHEV/FCV)</td>
<td>Kazuki Kobayashi (JAPAN) Per Ohlund (Sweden)</td>
<td>Yutaka Sawada (OICA)</td>
</tr>
<tr>
<td>Reference Fuel</td>
<td>Bill Coleman (OICA)</td>
<td>TBD (EC)</td>
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*) Due to heavy work load, 3rd leader may be required.
5. Next Actions

< DHC >
1. In-use data collection and submission (China, EU, India, Japan, Korea, USA)
2. Start pilot analysis by using currently available data to derive the potential problem and improve the methodology.

< DTP >
1. Start practical work in each sub group.
2. Consider the text structure of the test procedure.
6. Next Meetings

60th GRPE

5th WLTP
9 Jun. 10

4th DHC
9 Jun. 10

2nd DTP
9 Jun. 10

5th DHC
Oct. 10

Data collection
Pilot analysis
Brush up the methodology

5th DHC
Oct. 10

3rd DTP
Oct. 10

Start sub group works

3rd DTP
Oct. 10

Complete initial test procedure

6th DHC
Jan. 11

6th DHC
Jan. 11

Complete data collection
Finalize the methodology

61st GRPE

6th WLTP
Jan. 11

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