Informal document No. GRPE-58-18 (58th GRPE, 9-12 June 2009, agenda item 6(a))

# Summary of 3<sup>rd</sup> Informal Group on WLTP

11 June 2009 Palais des Nations, Geneva

## 1.Purpose

- >To discuss the proposed WLTP roadmap
- >To make the open points clear

### 2. Agenda List

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Agenda (WLTP-03-01)
Agenda Item 2/3/4
Proposed Roadmap on WLTP
(WLTP-03-03 (Roadmap), -04 (Plan), -05 (Budget))
Agenda Item 5/6
Discussion on open points
(WLTP-03-06, -07 (US comment))
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# 3. Summary of Drafting Group Meeting

Prior to 3<sup>rd</sup> WLTP informal meeting, the drafting group meeting was held twice hosted by European Commission to finalize the proposed roadmap.

Meeting Date: 19th March, 27th ~ 28th April 2009

Attendee: European Commission, France,
Germany, India, Japan, NL, Sweden, UK,
USA, AECC, FIA, OICA and Technical Secretary.

#### **Meeting Outcome:**

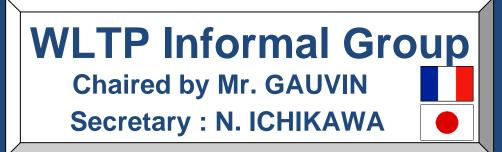
- 1. Finalize the proposed WLTP roadmap (WLTP-03-03, -04, -05)
- 2. List the open points to be discussed at 3<sup>rd</sup> WLTP informal group and 58<sup>th</sup> GRPE (WLTP-03-02)

# 4. Discussion on Proposed Roadmap

- 1. Three Phases Concept: Accepted
- 2. Project Work during Each Phase and Schedule

Phase I Phase II Phase III  $(2009 \sim 2013)$  $(2014 \sim 2018)$  $(2019 \sim 2021)$ **Low Temperature Emission Limit** DHC **High Altitude OBD Thresholds** (Worldwide Harmonized **Light Duty Driving Cycle) WP.29/AC.3** Reference Fuel **Durability DTP Properties Test Procedure** WP.29/AC.3 **In-Service Correlation with WP.29/AC.3 Conformity** existing regional cycles OCE **Off-Cycle Requirement** OBD MAC **Mobile Air Conditioning) Other GTR** 

#### 3. Organization during Phase I Work



**Technical Sub-Groups** 

DHC Group
Chaired by TBD



**DTP Group**Chaired by TBD

gtr TEXT Group

**Chaired by TBD** 

**OCE Group** 

**MAC Group** 

- 4. Mandate of each sub-group
  - i. DHC group : develop worldwide harmonized light duty driving cycle

Start timing: After WP29 decision

Date Collection Areas: China, EU, India, Japan,

South America (by FIA), USA

Industries data taking into account

ii. DTP group : develop worldwide harmonized light duty test procedure

Power Sources: ICE, LPG, CNG, FFV, H2, HEV, EV

- iii. OCE group: develop off cycle test procedure
- iv. MAC group: develop MAC test procedure
- v. gtr TEXT group : develop WLTP gtr

For detailed contents and schedule, please refer WLTP-03-03, -04

#### 5. Next Actions

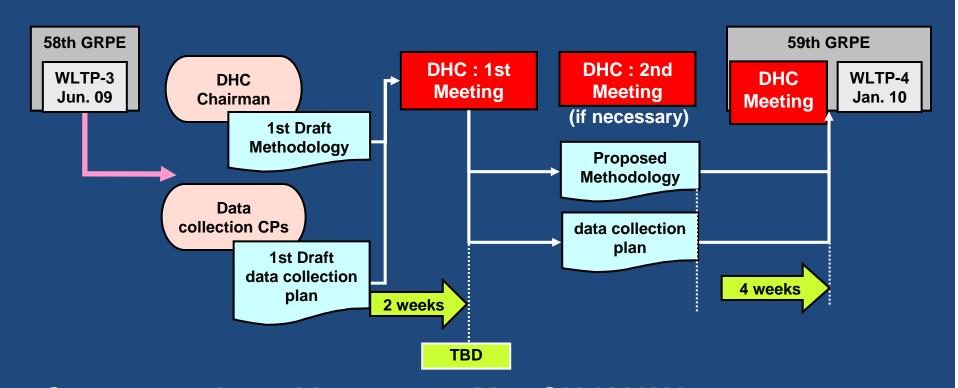
- 1. Nominate Chairman for each sub-group during Phase I work prior to 148<sup>th</sup> WP.29
- 2. Make a decision to handle "OCE" and "MAC" in Phase I or not during 148th WP.29/AC.3
- 3. Make a decision to handle "Durability" and "In-Service Conformity" in WLTP or not.
- 4. Revise the roadmap based on 148<sup>th</sup> WP.29/AC.3 decision and submit formal document to 149<sup>th</sup> WP.29/AC.3 before the end of July 2009 (by technical secretary)
- 5. Start DHC work immediately after approval of 148<sup>th</sup> WP.29/AC.3

## 6. Next Meetings

Sub-group (DHC) meeting: TBD (After Summer break)

4th WLTP informal

- One full-day meeting: 13th January 2010



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