Status report of the WLTP Informal Group

Report to GRPE No. 68 by Stephan Redmann
WLTP IG Meetings

June 2008 – Jan. 2010 1st – 4th WLTP IG meeting

2010 – 2013 WLTP IG was inactive

8th January 2014 5th WLTP IG meeting
→ Start of WLTP Phase 1B
Status of WLTP Phase 1


→ WLTP Phase 1A

162th WP.29: 1) Adoption of Phase 1A gtr documents

(03/2014) 2) Technical reports

3) Mandate for WLTP Phase 1B
WLTP Phase 1b Roadmap

Fix organization, responsibilities and time schedule

Round Robin
WLTP Phase 1b Organization (WLTP-05-03)

WLTP Informal Group

Chair: Redmann
Vice Chair: KOBAYASHI
Co-TSs: ICHIKAWA / Kolesa
Drafting Coord.: Dubuc

Task Forces
IG designates responsible CPs/Individual expert for each open task.

E-Lab. Sub-group
Co-Chairs: Ohlund / NIIKUNI
Co-TS: ICHIKAWA / Hartmann
Open issues Phase 1B

Open issues list: WLTP-05-04

Key issues:

Subgroup EV
Utility Factors, phase specific calculation formula, shortened test procedure

Cycle / Process
Downscaling, gearshifting, number of tests

Road & Dyno Load Determination
Windtunnel method, torque meter method, on-board anemometry, default running resistances

General
Normalization procedures, Ambient temp. correction test

Validations/ Round Robin exercise
Parallel activities of the European Union in 2014:

- Normalization procedures (WLTP-05-13)

Correction algorithms for variations in the WLTP testing

1) Chassis dynamometer test (vehicle state, test execution, meas. Equipm.)
2) Road load determination (coast-down test: ambient conditions, vehicle state, test execution, test circuit)

Draft report on 21 methods: end January 2014, discussions on EU implementation in 2014

Interest of CPs to harmonize these procedures (partly) in Phase 1B?

→ Feedback requested until 14th February 2014.
• Ambient Temperature Correction Test (WLTP-05-14)
  Method already discussed and drafted in Phase 1A
  Validation of family concept is on-going, participation of CPs welcomed

• Utility Factors (EV vehicles)
  Current gtr: regional UFs.
  EU develops revised UFs to improve representativeness, including the methodology to develop UF.
Next meetings

- Preparatory Telephone/Web Conference, 2 weeks in advance of each IG meeting

- 6th WLTP IG Meeting, Vienna, Austria
  3 day meeting, end March / beginning April 2014 (date tbc)

- 7th WLTP IG Meeting, Geneva
  June 2014, preceding GRPE (date tbc)