

Mandate for the Informal working group on Worldwide harmonized Light duty Test Procedure Phase 2 (WLTP Phase 2)

1. Background

1.1 The WLTP informal working group has started in 2009. The original schedule and scope were described in ECE/TRANS/WP.29/AC.3/26 and AC.3/26 add.1. Those documents outline WLTP activities and timeframe of each activity is divided into three phases (Phase1 to Phase3). The informal group has submitted a gtr text of WLTP and it was adopted by GRPE of the world forum for Harmonization of Vehicle Regulations'WP.29) as The Global Registry of No.15 in its 162nd W.P. 29.

1.2 After the establishment into the Global Registry of No.15 in November 2013, ECE/TRANS/WP.29/AC.3/39 was adopted for the work on Phase 1b of World-wide harmonized light duty test procedure (WLTP) to solve the remaining issues of WLTP Phase1a.

1.3 WLTP Phase1b activities were completed and an amendment of gtr No.15 was submitted in October 2015.

1.4 At the same time there is a need to transpose the WLTP GTR into an UNECE Regulation under the 1958 agreement. The intended way forward for this task has been discussed several times at GRPE and is described e.g. in document GRPE-72-18.

2. Proposal

2.1 An extension of the mandate for the WLTP informal working group, sponsored by the European Union and Japan, shall tackle the development of the remaining issues. And Phase2 activities should be started immediately after WP.29 has accepted this proposal informally in its November 2015 meeting.

2.2 Scope of work in Phase 2

Original items described in ECE/TRANS/WP.29/AC.3.26 should be kept.

2.2.1 The remaining issues from WLTP phase 1b

2.2.2 Durability for ICE vehicle and EVs.

2.2.3 Evaporative emission

2.2.4 Low ambient temperature emissions

2.2.5 Test procedure for the determination of additional CO₂ emissions and fuel consumption from mobile air conditioning systems

2.2.6 OBD requirement

2.2.7 Development of criteria for ex-post assessing of road load parameters (see WLTP-12-29-rev1e)

2.2.8 Other items

2.3 In addition the WLTP informal working group shall work for the transposition of the WLTP GTR into an UNECE Regulation.

3. Timeline

The work of the group on WLTP Phase 2 should be completed by 2019, and Phase2 will be divided into Phase2a (until June 2017) and Phase2b (until end of 2019). The transposition of the WLTP GTR into an UNECE Regulation ideally should be finalized by end of 2017 but the work may continue until the end of 2019 if needed due to the circumstances without a formal modification of this mandate.

A prolongation and extension of the mandate of the group should be considered in due time by GRPE.
