Current Status of WLTP Phase2 Working Items

WLTP-17-03e

as of Jan 2017

Working Items						Schedule					Schedule								
Sub-Group / Task Force	secondary category		brief description	Leader	remark	collaboration with EVE	2015 4th Qtr	2016 1st	2016 2nd Qtr	2016 3rd Qtr	2016 4th Qtr	**2017 74th GRPE**	2017 2nd Qtr	2017 3rd Qtr	2017 4th Qtr	2018 1st	2018 2nd Qtr	2018 3rd Qtr	**2019 78th GRPE**
gtr amendment												Phase2a							Phase2b
UNR TF																			
UNR TF		new UNR	transpose WLTP into 58 agreement	UK			★	agree basic concept (Level1/2)				start activities	→	→	→				✓
CYCLE TF																			
	Classification&Gear shift	Annex1&2	downscale/gear shift per system power of HEV	HS		✓ Germany/ Korea	preparation	collaborate with EVE IWG									delay	set the threshold parameter for cycle modification	✓
	Power to mass ratio n_min_drive	Annex1&2	Definition of mass VCC proposal for n_min_drive	HS	carryover from Phase1b							mass definition : COMPLETED	keep discuss "n_min_drive"	→					
	Normalization	Annex7	mainly ICE (remaining item)	JPN	ICE vehicles : completed by EU Electrified vehicle : initial study was completed by JAPAN			study on EVs			★	make a decision for its applicability							✓
	Drive Index	Annex6	Collaborate with "Normalization"	JPN	re-visit necessity of trace index when apply normalization							study on appropriate threshold criteria							✓
Supplemental Test TF				EC															
	Boundary Conditions	Annex6																	
	Low & Realistic Winter Temp		what needs to be modified compared with 23C testing ?		depends on each CP need						start activities							★	✓
	High Altitude															if time is available			(✓)
	Auxiliary Devices	Annex6																	
	MAC		vehicle test ? Component evaluation ? Simplified test ?							delay	→	→	start activities						✓
	others		vehicle test ? Component evaluation ? Simplified test ?		Electrified vehicle : JAPAN will lead					delay	→	→	start activities						✓
	Eco-Innovation	new Annex			i.e. sailing …..					delay	→	→	start activities		★				✓
	Crankcase & Idle Emissions	new Annex																	✓
EVAP TF		new Annex		JPN	strong desire to develop gtr by 74th GRPE						★	✓(exclude sealed tank)	sealed → tank	consider possible new elements (running loss, ORVR, and so on)					
Durability TF		new Annex		EC															
	ICE		pollutants only (rapid aging method)								start activities		→	→	→				✓
	HEV & PEV		pollutants and CO2/FC/Range (study on battery durability)			✓				collaborate with EVE IWG parallel work for tentative procedure?					★	make a decision for next actions			(✓)
OBD TF		new Annex		JPN							start activities		→	→	→				✓
In Service TF		new Annex		EC															
	R/L		COP & ISC		bland new					delay	→	→	start activities						✓
	Pollutants				same requirement as current ?					delay	→	→	start activities						✓
	CO2/FC/Range				bland new					delay	→	→	start activities						✓
E-Lab. SG				EU/ JAPAN															
	Classification&Gear shift	Annex1&2	method of HEV system power			✓	preparation	collaborate with EVE IWG									delay	set the threshold parameter for cycle modification	✓
	Normalization	Annex7	HEV study and methodology should be completed					study on EVs			★	make a decision for its applicability							✓
	Supplemental Test (low temp./high altitude)	Annex8			apply to EVs ? or not ?						start activities		→	→	→				✓
	Supplemental Test (auxiliary device)	Annex8	vehicle test ? Component evaluation ? Simplified test ?		effect on EVs parameter	✓				delay	→	→	start activities						✓
	Post processing	Annex7&8			carryover from Phase1b							✓COMPLETED							
	Durability	new Annex	pollutants and CO2/FC/Range (study on battery durability)			✓				collaborate with EVE IWG parallel work for tentative procedure?					★	make a decision for next actions			(✓)
	OBD	new Annex	EV Unique issues		take care of unique EVs items only						start activities		→	→	→				✓
	FCV	Annex8	OVC-FCV Flow Method		ACEA needs					delay	→	→	start activities						✓
Carryover from Phase1b																			
	Defeat Device	Definition			handled by Leading Team			so far no action under WLTP activities											✓
	Annex4 items	Annex4	refer to WLTP-13-04e	Rob								(✓)	keep discuss on "wind tunnel method"	→	→	→	→	→	
	Additional Pollutant	Annex5	refer to WLTP-13-04e	Cova.															✓
	dual-axis roller usage	Annex4		IR								continue to discuss for its	→	→	→				
	feedback from RRT	all		CV/TH									feedback to gtr description, if necessary						✓