WLTP Current Status

LEGENDS

★: submit working document to GRPE



WLTP-20-03e

as of September 2017

uh Ceaup	Vorking Iter			Status	Status	2015	2016	2016	2016	2016	Schedule 2017	2017	2017	2017	2018	2018	2018 201	18 2019	20:-	2015	2012
secondary category		brief description	Leader	Signal	Description	4th Qtr	1st	2nd Qtr	3rd Qtr	4th Qtr	74th GRPE	2017 2nd Qtr	3rd Qtr	4th Qtr	2018 76th GRPE	i i	rd Qtr 4th	i		3rd Qtr	2019 4th Qtr
r amendment											Phase2a							Phase2b			·· >
NR TF																					
IR TF	new UNR	transpose WLTP into 58	UK	● 8 ●	under the discussion on possible scenario	*		asic cond	ept		start -						→★	✓	ļ		
/CLE TF		agreement			possible sceriario		(Level1/		:		activities							(Type I only)			
Classification&Gear shift	Annex1&2	downscale/gear shift per system	HS		delay	preparation				collab	l orate with E\	VE IWG	i III								→
Power to mass ratio		power of HEV	110		uelay	preparation		ļ ————————————————————————————————————		Collab	COMPLETED	VE IVO	ļ								^
n_min_drive	Annex1&2	Definition of mass VCC proposal for n_min_drive	HS		close to finalization						(n_min_drive and mass definition)		close	all technic	cal issues	7 1					
Normalization	Annex7	mainly ICE (remaining item)	JPN	9 0	COMPLETED		study on	FVs —			COMPLET										
					no gtr modification		olddy on				(do NOT a		<u> </u>							ļ	
Drive Index	Annex6	Collaborate with "Normalization"	JPN		as planned				İ		study on ap	propriate	threshold o	criteria		7 1					
pplemental Test TF Boundary Conditions	Annex6																		1		
Low & Realistic Winter Tem		what needs to be modified	EC		consider		 			start activ	/ities	11	rk for harmon		ature discuss	ion	*	(1)			>
High Altitude	·P	compared with 23C testing ?	<u></u>		prolongation no activity			<u> </u>			T	and test pr	ocedure deve		if time is a	available		, ,			- !
Auxiliary Devices	Annex6		 				 	 	<u> </u>			 	-						-	 -	
MAC		vehicle test ? Component evaluation ? Simplified test ?			no activity				delay					→	waiting fo	r CP needs		•,			••
others		evaluation ? Simplified test ? vehicle test ? Component evaluation ? Simplified test ?			no activity				delay					→	waiting fo	r CP needs		• 1		• • • • • •	•>
Eco-Innovation Crankcase & Idle Emissions	tbd	SYCHOLOGIC I SHIMBING SER I			no activity				delay						waiting fo	r CP needs	_4			• • • • • •	
Crankcase & Idle Emissions	tbd				no activity delayed					A	//www.huda	sealed to	ank		_				<u>. 1 </u>	,	· ' '
AP TF	new GTR		JPN		by 6 months					*	√ (exclude sealed tank)			★	✓	consider pos	sible new e	elements (runnir	ng loss, C)RVR, an	nd so or
rability TF	new Annex																		T ,		
ICE		pollutants only (rapid aging method)	EC		may consider prolongation					start activ	vities	focus on	after treat	ment syste	em		*	√ …	•••••	 	·•>
HEV & PEV		pollutants and CO2/FC/Range	EVE		under the discussin						SG EV a	nd EVE IV	VG's respo	nsibility				(/)			>
		(study on battery durability)	SG EV		on next actions may delay due to									,,,,,						 	
D TF	new GTR		JPN		manpower shortage					start activ	rities		temporary termination?					(✔)•			·•>
& COP TF	new Annex		EC		MUST be completed									need to	speed	un	A				
COP					by same timing of									need to	speed	ир	\rightarrow	(Type I only)	ļ		
ISC ToR			 		UNR against 58 and/or				1			 			make a de	cision for next a	actions	(Type Folly)		 -	
					98 agreement ? how to set	ļ					ļ		 		illake a ue	CISIOTI TO TIEXE	ACTIONS A			 	
R/L		necessity, vehicle selection, statistical check, criteria,,,,		● % ●	the criteria				delay								*	(✔)•		• • • • • •	••>
Pollutants		pass/fail algorithm			as planned				delay								*	(✔)•			>
		necessity, vehicle selection,	<u> </u>		how to set			 				 	+							 	
CO2/FC/Range		statistical check, criteria,,,,			the criteria				delay				—				X	(✔)•			· · >
rryover from Phase1b and New O Defeat Device	pen Issues Definition				no activity		oo for n	l ο action ι	ındor M/I	TD ootiv	ition										
					no activity		SO IAI III	o action t	ilidei WL	TP activ	illes						<u> </u>			+	
Annex4 items	Annex4	refer to WLTP-13-04e	Rob						7		√	ļ								ļ	
Additional Pollutant	Annex5	refer to WLTP-13-04e	Cova.															(✔)			
New Open Issues	Annex4 others		Rob		as planned			re-oper	n TF for f	urther im	provement	t					*	✓			į
dual-axis roller usage	Annex4		IR		almost impossible to						report JSA	AE study			focus on re	estrain metho	d only	✓		datory re	-
feedback from RRT	all		CV/TH		reach agreement COMPLETED			<u> </u>				T	✓ COM							at later s	Stage
ab. SG			EU/																		
			JAPAN						į						1		ШЩШ		1		A
Classification&Gear shift	Annex1&2	method of HEV system power			delay	preparation				collab	orate with E	VE IWG								~>	T
Normalization	Annex7	HEV study and methodology			COMPLETED		study on	EVs		*	made a d	ecision r	not to app	oly					ļ		
Supplemental Test	A0	should be completed	 		no gtr modification			T			L	_,	rk for harmon		ature discuss	ion		(() -	1	<u> </u>	
(low temp./high altitude)	Annex8		<u> </u>		consider prolongation		<u> </u>	ļ	 	start activ	nues	i i	ocedure deve				*				
Supplemental Test (auxiliary device)	Annex8	vehicle test ? Component evaluation ? Simplified test ?			no activity				delay			waiting f	or CP need	ds				(✔)•	•••••	•••••	••>
Post processing	Annex7&8				COMPLETED						√ COMPL	ETED									
		pollutants and CO2/FC/Range			gtr was modified under the discussin								IC'o ro	noih:lit				/ / \-	1	<u> </u>	>
Durability 	new Annex	(study on battery durability)	ļ		on next actions			-			SG EV al	IIU EVE IV	VG's respo								<u>-</u>
OBD	new Annex	EV Unique issues			may delay due to manpower shortage					start activ	vities		temp termin	orary ation ?				(✔)•	• • • • • • •		•>
		OVC-FCV	1			ı — — —		_					1		-		À			1	