WLTP Overall Status and Schedule as of January 2019

						GOIN	G	Wa	aiting	ļ		COM	PLETE															_			W	'D :	Woi	rking	J D	0
	ITEMS		STATUS	10	201	7	1		2	3	4	5		018	8	9	10	11	1 1	2	1	2	3	4	5		2019	9 7	8	9	10	11	12	1	2	7
GRPE Meetin	g						76th						77th		-	-					78th		-		79th									80th		1
WLTP IWG Activities	Mee	eting					21st				22nd		23rd			24th				2	25th			26th	27th	n				28th				29th		_
Activities	Overall	Original					· r ······			r			·r		·		Ph	ase	e_2	2b	······		·	·		.	r					r				,
	Schedule	Likely																נ					+	·+·				+						+	+	
UNR	TypeI & I	V																							ID						WD					
	Durability	, COP																							ID						WD					
GTR #15	Amendme	ent		WD*	*) \	will be	comb	ine	d into	o 20)18 V	/D	ID #5				WD #5		chnic leport						ID #6						WD #6		nnical port			
GTR #19	Amendme	ent		WD*	*) \	will be	comb	oine	d into	o 20)18 V	/D	ID #2				WD #2		chnic leport																	
NEW GTR	Low Temp others	o, OBD,																																		
Cycle	Classificat (HEV Syste																		,	wai	iting	for	EVE	oute	come	•										
	Gear Shift			WD*	*) \	will be	comb	oine	d into	o 20)18 V	/D					WD				Mar	age	emen	t of	Gear	Shi	ft T	ool								
	Trace Ind	ices															WD						rmoni: Ie UNF		ID					8 9 10 28th 10 28th 10 28th 10 28th 10 10 28th 10 10 10 28th 10 10 10	wD					
Supplemental Test	Low Temp	D																																ID		
	MAC																																	start	t act	tiv
	Crankcase	e & Idle																																start	t act	tiv
Evapo.				wD		chnical eport							ID #2				WD #2		chnic leport		re-op	oen,	if CP	requ	uests											
Durability	ICE												colla	abor	ate v	vith (JNR	TF							ID						WD					
	Battery																																w	aiting	g fo	r I
OBD																																		start	t act	
СОР																coll	abor	ate	with	י U	NR 1	F			ID						WD					
ISC																																				

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WLTP-25-02e_rev1 ocument 2020 3 4 5 6 7 8 9 10 11 12 81st 31st 32nd 30th Phase_3 ---→ Phase_2b Phase_2c ? ········ ID WD #1 #1 ID WD #1 #1 ID WD ID WD WD Technical Report tivities, if CP requests tivities, if CP requests ID WD #1 #1 r EVE outcome tivities, if CP requests ID WD #1 #1

WLTP Overall Status and Schedule as of January 2019

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	ITEMS	STATUS	10		/	1	2	3	4	5	6		8	9	10	11	12	1	2	3	4	5	6	-	8	9	10	11	12	1	2
Ne	ew Open Issues																														
Fa	mily definition																						star	rt act	ivitie	s, if C	CP re	quest	S		
Dι	al-axis dyno.														WD				ue har der th			ID					w	>			
	provement of L determination									ID					wD		hnical port													ID	
	Position of payload		WD,	* *) v	vill be	comb	pined	into 2	018 V	VD					wD																
b	Wind Speed Criteria									ID					wD			•													
с	Split run												w	ithdr	awn			•				-									
d	Movable Aero Parts Active Aero Dynamic												w	ithdr	awn			•				-									
e	EV warm-up for coasting down												w	ithdr	awn																
f	Chassis dynamometer load setting									ID					WD																
g	ambient temp. 5C and more												w	ithdr	awn																
h	CFD																													ID	
i	Run-in for EVs									ID					WD																
	nd Tunnel ethods									ID					wD		hnical port														
i	Min and Max measurement point									ID					wD																
ii	Wind tunnel criteria (facility spec)									ID					wD																
iii	# of measurement points									ID					WD																
iv	facility approval and homologation test procedure									ID					WD																
v	⊿Cd for V _{ind}									ID					wD																
vi	Wind tunnel for RL matrix									ID					wD																
vii	RL Matrix definition precision																	ID													
	haust Gas ution System												w	ithdr	awn																

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			20	20					
3	4	5	6	7	8	9	10	11	12
 WD	Tech Rep	inical port							
 WD									

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				GOIN	G	W	aiting		СОМ	PLETE															V	VD :	Wor	king	g Do	cun	ner	nt			• •		02	.c_		_
ITEMS	STATUS		201					-	-)18											019					1				_	1		2020						
		10) 11	. 12	1		2 3	4	5	6	7	8	9	10	11 12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	1 5	-	57	8	9	1	0	11	12
Time accuracy of dynamometer									ID					wD	Technical Report																									
Interporation Methods (Tyre RRC)					,	with	draw	n																																
Interporation Methods (others)									ID					WD	Technical Report																									
I 3g/km extension									ID					wD																										
II Apply Vehicle_M to ICE									ID					WD																										
III Full load curve									ID			wi	ithdra	awn																										
IV Set Minimum Range									ID					WD																										
V Increase Individual CO2									ID					wD																										
$\label{eq:VI} VI \begin{bmatrix} adjusted \ f_{0,L} \ and/or \ f_{2,L} \ are \ bigger \\ than \ f_{0,H} \ and/or \ f_{2,H}? \end{bmatrix}$												no	solu	tion																										
VII huge error when adjust $f_{1,L}$ to $f_{1,H}$									ID					WD																										
VIII CO2 calculatoin fo Vind phase L, M,H,ex-H									ID					WD																										
REESS balance measurement									ID					wD																										
REESS charge method									ID					wD																										
Measurement of oil and coolant temperature												wi	ithdra	awn																										
1.5% span gas for low concentration																												ID		WD	>									
FCHV (H2 specification, H2 line substruction)									ID					wD																										

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