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Federal Department of the Environment,  
Transport, Energy and Communications DETEC

**Federal Office for the Environment FOEN**  
Air Pollution Control and Chemicals Division  
Traffic Section

# Status Report

## of the UNECE WLTP Low & Realistic Winter Temperature Task Force

27<sup>th</sup> WLTP IWG – Geneva, 20.05.2019

Peter Bonsack – FOEN



# Current Status

- Since Zagreb meeting (WLTP-26), one TelCo held on 16 May 2019
- In TelCo's 23 & 24 (25.03. & 16.05.2019), all remaining open items/proposals to be discussed on TF level (acc. to open issues Excel list) were discussed and positions presented
- TF waits for comments/position from JPN on items that need further discussion within JPN
- Justified proposals are welcome at any time (from CPs and stakeholders)
  - TelCo on TF level will be scheduled, if new input is available
- Drafting Group can resume work on ICE part, since items are “ready for drafting”
- Pending open issues to be discussed at SG-EV level need input/proposals from SG-EV (NOVC-HEV, OVC-HEV & PEV)



# Main Discussion Items

- Refer to regularly updated open issues Excel list  
→ “WLTP\_Low\_Temp\_TF\_Status\_list\_v2019-05-16”

WLTP Low Temp TF Open Issues List				Notes of 24th LowT TF TelCo (16.05.2019)																									
Item	sub category	(ref) GTR#15	Status	Discussion Points	related documents	Priority	Remarks	discuss @	Time Schedule																				
								*: I/V/G decision	EY invite SGEV experts	TF invite Low Temp T. ✓: GRPE approval													updated on 17/05/2019						
											1812	191	192	193	194	195	196	197	198	199	1910	1911	1912	2001	2002	2003	2004	2005	2006
GTR	structure	NA	UNDER DISCUSSION	1. part of GTR#15 (optional annex) 2. separate GTR 3. separate GTR of x-rels to GTR#15		P	2. Guidance from GRPE secretariat to produce a standalone GTR JPN (2019.04.09) no strong position, JPN follow TF decision 16.05.2019. R.S. (J) options to be reviewed for best solution P.B. (CH) to be discussed at WLTP-27.	TF										*	✓										
	Title of GTR	NA	READY FOR DRAFTING	1. WLTP Low Temp. 2. //	CH proposal, slide 5 (2nd TF Meeting, Paris, 19.10.11.2018)	-	If in the process of the development an "optional Annex" to GTR#15 appears to be favorable, the name will be adapted accordingly.	TF	*																				
	Name of the test	Term "Type T" used	READY FOR DRAFTING	Term to be used to name the WLTP Low Temp test.	GTR#15, GTR#19	-	use term "type T" per comment in sheet 2019.04.17	TF	*																				
General		NA	OPEN			-		TF																Informal Document *	Working Document	✓			
	Statement of technical rationale and justification		OPEN					TF										*											
	Applicable vehicles	I. Text of the GTR 2. Scope and application	UNDER DISCUSSION	1. same as GTR#15 2. exempt Class1		P	01.2019 proposal CH/RPC: 1. class 1 can be excluded later, if needed. 25.03.2019. NI: (JPN) will the document include class 1 and only at the end be revised? R.S.B. (JPC) the proposal to keep all classes as they are unless it is demonstrated that they should be modified. CH: the decision to exempt FCHV's is not traceable for us. What is the reason to exempt FCHV's? 03.2019 Proposal CH/RPC: keep FCHV (b. DWV-FCHV): fuel consumption of FCHV's and therefore also the driving range shows temperature dependence as well (e.g. exhaust gas heating to prevent freezing of condensation water). JPN (2019.04.09) exempt FCHV justification: TF agreed to exclude FCHV during ToR development if hard to meet deadline due to a lot of study to solve the technical concerns (h2 temperature / pressure correction, etc.) CH postpone FCHV's to a 2nd phase of GTR development (keep as open item, e.g. for an AmE). E.C. need to clarify, tentatively OK with exempt postponement. 03.2019 Proposal CH/RPC: 3: refer to ToR. 25.03.2019.	TF											*	✓									
		II. Text of the GTR 2. Scope and application	POSTPONE (AMDEB)	3. exempt FCHV				SG-EY	*	TF																			
	Purpose	NA	UNDER DISCUSSION	1. regulate pollutants 2. customer info. 3. both 1. and 2. 4. when and how? 5. can POC cover pollutants requirement?		P	NI: (JPN) JPN will not be able to say if they agree or not to focus on point 1 and point 2 until the end of the year. O.B. (CIC-A) what customer info is needed? C.A. Chair it should be included in discussion @ SG-EY, so that the SG could indicate what is technically possible. B.C. (V.V) keep in mind that this is a political issue.	TF																		* ✓			
		II. Text of the GTR 1. Purpose	OPEN	1. Addition of phrase "low temperature" 2. Addition of scope for information to customers	ToR of WLTP Low Temp TF (LowT 04-04)		CH to provide a draft proposal to the Drafting Subgroup. 25.03.2019 P.B. (CH) CH is preparing a draft document including discussion points from row 15. At the moment is not complete.	TF																		* ✓			
	Definitions	I. Text of the GTR 2. Definitions	OPEN				CH keep open and adapt in Drafting Subgroup accordingly 25.03.2019 E.C. (JPN) keep open and adapt in Drafting Subgroup accordingly.	TF																			* ✓		
	Abbreviations	I. Text of the GTR 3. Abbreviations	OPEN				CH keep open and adapt in Drafting Subgroup accordingly	TF																			* ✓		
	measured parameter		UNDER DISCUSSION	1. same as GTR#15 2. unique		P		TF																			* ✓		
			READY FOR DRAFTING	1. CH, CH, NH, CO, NOx, PM, PN, CO2	ToR of WLTP Low Temp TF (LowT 04-04)		Exhaust emissions to be measured 25.03.2019. Chair: already written in the ToR	TF																			* ✓		
			UNDER DISCUSSION	Fuel consumption, electric range	ToR of WLTP Low Temp TF (LowT 04-04)		03.2019 Proposal CH/RPC: fuel consumption can be calculated from exhaust emissions similar to type 1 test, driving range for customer information. 25.03.2019.	TF																			* ✓		

→ Distributed to TF members, available in CIRCA soon



# Open Issues

- Discussion on open issues for ICE vehicles' procedure  
→ input/position from JPN needed
- Discussion on open issues for NOVC-HEV, OVC-HEV & PEV vehicles' procedure (in collaboration with SG-EV)  
→ input/proposals from SG-EV needed
- Need for re-discussion on GTR structure  
→ Pros & cons of different options for structure of new Low Temp procedure to facilitate drafting process and anticipate transposition into UNR WLTP



# Outlook & Timing

- Expectation to prepare to close the major discussion points by Sept 2019 (WLTP-28) and prepare the informal document to be submitted to 80<sup>th</sup> GRPE (Jan 2020)
- TelCo's on TF level will be scheduled, if new input gets available
- TelCo's for resuming drafting work to be scheduled
- Auxiliary Sub-group work in good progress, but related to availability of test procedure draft
- Overall Timing of Low Temp TF is related to progress in SG-EV



Thank you for your attention