

MINUTES, face-to-face 18th meeting. Ispra, 16 & 17th April, 2018**LowT 2018- Minutes face-to face**

Date	April, 16 & 17 th (2018)
Title	Minutes of the 18 th f2f meeting- Low Temperature Task force
Document	LowT 18-02 - Draft MINUTES

The Chair (C. Astorga) welcomed the TF members in Ispra and presented the agenda.

Minutes from the latest phone conference were approved after a sort round of comments. (File loaded in CIRCA-BC; [2018_04_16TelCo 17th Minutes_v4_F.pdf](#))

Agenda was changed and final agenda can be found at the end of this document.

Day 1 – 16th April 2018 (JRC- Ispra)

T. Butler (EMPA) presented “Emission data evaluation according to Japan’s proposal “3 - Phase WLTC at low temperature” (see CIRCA-BC document: [180416_LTTF_Empa phases_tbu504_v3 copy.pdf](#)).

R. Suarez (JRC) presented “Emissions during WLTC 3 phases and 4 phases at -7 °C” (see CIRCABC document: [20180416_JRC-Low_T_Phases_V2.pdf](#)).

These two presentations aimed to give an idea of the differences on the emissions that can be faced when 3 phases (L, M, H) of the WLTC are used instead of 4 phases (L, M, H, Ex-H).

A major step forward was done by the agreement on the testing temperature which would be -7 °C. Japan’s position is presented in the document “JAPAN _Update to temperature of the test in winter conditions” that can be found in CIRCA-BC.

Day 2 – 17th April 2018 (JRC- Ispra)

Drafting coordinator (S. Dubuc) presented a non-exhaustive list of items/issues relating Type VI test from Reg. 83, US 1066.710 and GTR-15. The listed point would need to be addressed by the TF in order to produce a new GTR. A document containing this information was previously distributed by the drafting coordinator. A summary of the points that were closed and those that remain opened can be found in the document “24.04.2018 Open and closed subjects_new GTR-SD” in CIRCABC

During the meeting it was discussed the content and length of the document. So it was asked if sections like definitions should appear in the new GTR (hereinafter GTR-SD) or it should only contain the information that is different from GTR-15. The drafting coordinator pointed out that a GTR can refer to another GTR. It was concluded that GTR-C will refer to GTR-15 in most of its content with a series of exceptions that will

MINUTES, face-to-face 18th meeting. Ispra, 16 & 17th April, 2018

be present in the Annexes. The Chair will bring this issue will be to the iWG for confirmation.

A list of auxiliary devices and a definition of “ON” is needed in order to evaluate their implementation in the new test procedure. CLEPA will take the lead in this task and expect to have a proposal in the next meeting.

While EU members agreed on the reference fuels in the previous meeting, Japan (Ichikawa-san) will soon provide a gasoline reference.

The TF needs to evaluate if CNG and LPG vehicles need to be tested on 2 reference fuels.

CPs will further discuss which cycle (3 or 3 and 4 phases WLTC) should be used during the test procedure/s for pure ICE and hybrid electric vehicles. Japan required all vehicles to be tested (including PEVs). This excludes the possibility of using simulations to determine electrical range. However, at present CPs are opened to accept a shortened test for PEVs. This topic will be further discussed.

A few points of the agenda were not covered during this meeting. They will be included in the agenda of the next TelCo scheduled on the 1st of June 2018 or even later during 2018. See agenda below [*]

The next f2f meeting will take place in December.

Low Temp Task force: 18th f2f meeting [*]

Low Temp Task force Agenda	
Date	<i>April 2018</i> Monday 16 th (afternoon; starting 14:00h) & Tuesday 17 th (morning; ending 12:00h)
Informal Document	<i>Agenda doc Low Temp TF 2018-18-01 (Doc TF LowT 18-01)</i>
Room link	https://ecwacs.webex.com/meet/mastorga-llorens

F2f meeting; Monday - 16th April 2018 (14:00 to 18:00h) – JRC Ispra; Building 101 – Room 2303

Time	Agenda item	Lead/ contributions	Working Document
12:30	Lunch		

MINUTES, face-to-face 18th meeting. Ispra, 16 & 17th April, 2018

14:00	Welcome and introduction Presentation of Agenda Minutes of 17th Telco (16 March 2017). Lecture and approval	Coordinator / All	Agenda TF LowT 18-01 (<i>doc attached mail 12th April</i>) Minutes TF LowT 17-02 (<i>doc attached mail 12th April</i>)
	Short Summary & information on: LowT TF progress, milestones and planning 2018 <u>1st part - Proposal for ICE test procedure- Follow up and progress during 1st semester 2018</u>	Coordinator / All	WLTP-21- 07e_LowT TF progress Rep.pdf https://wiki.unece.org/display/trans/WLTP+21st+session
15:30-16:00	Coffee break		
	EMPA contribution to the f2f meeting – Technical presentation		
	Information from CPs (EU, Switzerland	Representatives of the CPs	
	Dialogue(s) for a harmonized temperature & the scope of how to use the test results	CPs, Coordinator / All	
18:00	BUS - Transport to hotels		

F2f meeting; Tuesday – 17th April 2018 (9:00 to 12:00h) - JRC Ispra; Building 101 – Room 2303

Time	Agenda item	Lead/ contributions	Working Document
9:00	GTR work progress <i>ICE LowT; drafting: Structure & proposal</i>	S. Dubuc (Coordinator) P Bonsack G. D'Urbano BAFU (CH)	09.04.2018 Items to be discussed-1.docx <i>(doc attached mail 12th April)</i> & <i>"17.04.2018 Items as discussed-in Ispra.docx",</i> <i>Shared during the meeting...</i>
10:30-10:45	Coffee break		

MINUTES, face-to-face 18th meeting. Ispra, 16 & 17th April, 2018

	GTR work progress <i>ICE LowT; drafting: Structure & proposal</i>	S. Dubuc (Coordinator) P Bonsack G. D'Urbano BAFU (CH)	
	Calendar of the WLTP IWG and extension https://wiki.unece.org/display/trans/WLTP+21st+session	Coordinator / All	
	Calendar LowT : proposed dates for telco and f2f meeting during 2018 https://wiki.unece.org/display/trans/WLTP+2018+calendar	Coordinator / All	
12:30- 14:00	Lunch break in Building 36 (room 2)	PARTICIPANTS GO TO BUILDING 36	WLTP 22 nd MEETING will continue there.
	[*] The Following issues were included in the draft agenda for the 18th f2f meeting but not covered during that meeting. <i>They will be included in the agenda of the next TelCo scheduled on the 1st of June 2018 or later on in the year</i>		
	• Test procedure: proposals; FOLLOW UP <u>2nd part - Discussion of a proposal for a test procedure for hybrid vehicles & emissions: By WHOM?-WHEN? Actors, calendar and milestones</u>	Coordinator / All	No progress yet >>>> Planning
	• Test procedure: proposals; FOLLOW UP <u>3rd part - Discussion of a proposal for a procedure for Electric vehicles</u> <i>By WHOM?-WHEN? Actors, calendar and milestones</i>	Coordinator / All	No progress yet >>>> Planning
	GTR 2nd part: drafting procedure for hybrid vehicles & emissions at LowT. Structure discussion. & GTR 3rd part: drafting EV procedure at LowT: How/ when to start? Need of procedure pure Electric vehicles: Structure discussion?	Coordinator / All	No progress yet >>>> Planning

MINUTES, face-to-face 18th meeting. Ispra, 16 & 17th April, 2018

	<p><u>4th part – Discussions on new Test procedure: Information to the customers?</u></p>	<p>Coordinator / All</p>	<p>No progress yet >>>> Information & Planning</p>
	<p><i>Effect of fast charging on the efficiency of energy storage system (on-going research)</i></p>	<p>Coordinator / All</p>	<p>No progress yet >>>> Information & Planning</p>