

## LowT 2020 - Minutes Telco

Date	29 <sup>th</sup> Jan 2020
Title	Minutes of the 35 <sup>th</sup> Telco - Low Temperature Task Force
Document	<p><b>LowT 35-02 – MINUTES</b> <sup>1</sup></p> <p>This document is closely linked to the files:  <b>WLTP_Low_Temp_TF_Status_list_v2020-01-29.xlsx</b><sup>[2]</sup> &amp;  <b>200128 - Low Temp Annex based on ECE-TRANS-WP29-2019-62e.docx</b><sup>[3]</sup></p> <p>These files are loaded in CIRCA-BC as well as in the Wiki page:  <a href="https://wiki.unece.org/display/trans/LowT+TF+35th+Telco">https://wiki.unece.org/display/trans/LowT+TF+35th+Telco</a>  &amp;/or  <a href="https://wiki.unece.org/display/trans/Optional+annex+Low+T+-+Drafting">https://wiki.unece.org/display/trans/Optional+annex+Low+T+-+Drafting</a></p>

### Agenda Item number 1

The Chair, C. Astorga (C.A.; JRC) opened the meeting and presented the agenda. The minutes from the previous TF TelCo (29-01-2020) were presented and accepted without any comment. <sup>4</sup>

### Agenda item number 2

Chair presented the progress report of the LowT TF & short summary of the “informal document” for an optional annex on low temperature. Related documents: “**WLTP-29-09e\_Appendix01\_Low T summary for informal doc.pdf**” and “**WLTP-29-10e\_LowT TF.pdf**”

Loaded in: <https://wiki.unece.org/display/trans/WLTP+29th+session>

<sup>1</sup> All documents mentioned in the minutes can be found at CIRCA BC under:  
 EUROPA > European Commission > CIRCABC > GROW > wltf > P > Low and realistic winter temperature TF  
 , as well as in the UNECE Wiki page: <https://wiki.unece.org/pages/viewpage.action?pageId=85295115>

<sup>2</sup> This serial number will be continued and updated by the chair of the TF. In order to track the evolution of the discussions and decisions inside the LowT TF, all excel files detailing the **Low T TF status list** will be saved and available in CIRCAC-BC and in UNECE Wiki page dedicated the LowT TF (<https://wiki.unece.org/pages/viewpage.action?pageId=85295115>)

<sup>3</sup> This document will be updated by the drafting coordinator following the discussions in the lowT TF, the SG EV and corresponding drafting sug-groups. In order to track the evolution of the discussions and decisions, the files detailing the **progress in the drafting of the optional annex for lowT** will be saved in a –new- dedicated folder in UNECE Wiki page Low TF domain:  
<https://wiki.unece.org/display/trans/Optional+annex+Low+T+-+Drafting>

<sup>4</sup> Document can be found at CIRCA BC and <https://wiki.unece.org/display/trans/Low+T+TF+34th+Telco>

**Agenda item number 3**

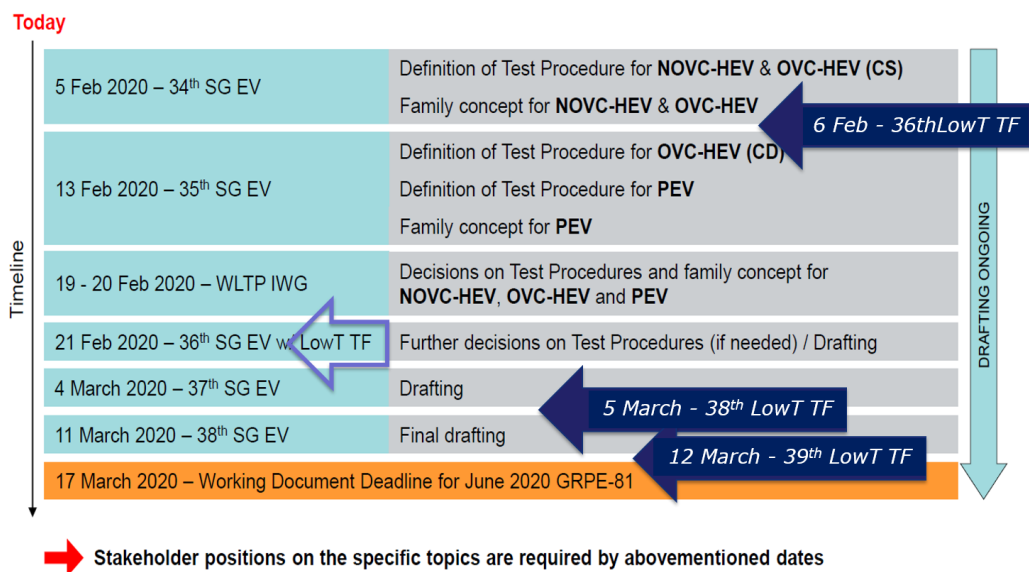
EV SG Chair P. B. provided a summary of the SG-EV’s latest meeting on the Type 6 procedure for electrified vehicles. He indicated that the SG have updated the open- item list. All the modifications are reflected in the latest version of the excel document. P.B. also provided a working timeline indicating by which date the positions on the different open items will be provided (see image below). Next drafting meetings were also indicated.

**Agenda item number 4**

Next Telco &/or f-2-f meetings are listed below together with the list of encounters of the EV SG. The f2f meeting in Brussels will start at 9:00h and will finish at 15:00h. Web/ telco will be arranged if possible

**IWG WLTP Low Temp Test Procedure Development for EV**

Tentative schedule



**Agenda item number 5**

**OICA comments on the Families**

H.M. presented

document “OICA Low T Family concept comments 2020-01-28.pdf”. H.M. indicated that the most critical point from their perspective is to reduce the number of added test vehicles under the Type 6 test. In the presentation it was suggested that it would be more suitable to use the power-to-cycle energy ratio instead of the currently proposed power-to-mass ratio. This would keep the same vehicles to be tested as in the Type 1 procedure.

N.I. asked feedback to EC on three aspects included in the proposal. I) why the EC request that “At least one vehicle configuration representative for the specified PMR H and one vehicle configuration representative for the specified PMR L of a Type 6 family shall be selected for testing.” ii) what does it mean representative in this sentence? ; iii) in the point 2.7, in the case of NT 1, is it low or high PMR?

The information and questions will be transmitted to the EC so that feedback can be provided by either Feb 6h or Feb 21st.

### **Agenda item number 6**

#### **Revision of all open items labelled as “under discussion in the open issue list**

**Open item #** 22, 27, 37, 38, 41, 44, 58, 64, 75, 78

**Note on the** “Next possible date (telco) for discussing item” has been included in the list

#### **All modifications made in the open issue list can be found already in:**

WLTP\_Low\_Temp\_TF\_Status\_list\_v2020-01-29.xlsx

See excel file –latest- version uploaded in:

<https://wiki.unece.org/display/trans/Optional+annex+Low+T+--+Drafting>

### **Agenda item number 7**

Rob Gardner led the drafting session in this telco.

All main changes done in the text of the drafting of the informal document are indicated with margin notes dated on the 29<sup>th</sup> of Jan 2020. Latest version:

**200128 - Low Temp Annex based on ECE-TRANS-WP29-2019-62e.docx**

and

WLTP\_Low\_Temp\_TF\_Status\_list\_v2020-01-29.xlsx

Now available in:

<https://wiki.unece.org/display/trans/Optional+annex+Low+T+--+Drafting>

Updated information about the drafting process will be uploaded in the dedicated folder of the LowT TF's wiki

<https://wiki.unece.org/display/trans/Optional+annex+Low+T+--+Drafting>

2020-01-29\_35th\_LowT\_TF\_TelCo\_Draft\_Minutes\_v2.docx

N. I. (JAMA) presented a table that summarize the parameters the parameters present in the GTR. He will submit the table to B.T (EC) and M. S (JPN) so that they can indicate the parameters that should be requested in the Optional Annex Type 6 test.

C. P. (CLEPA) indicate that the he will provide an improved version of the text describing the procedure to activate cabin heating during the Type 6 procedure by Feb 6<sup>th</sup>. A webex will follow and a final proposal will be given to be presented on Feb 21<sup>st</sup>. At current stage only heating, use of lights and possible rear defrosting will be discussed.

The next Telco will be on 6<sup>th</sup> Feb-2020

Telco will focus on the latest modifications to the discussions of open issues facing the preparation and drafting of the working document

Some work for the preparation of the f2f meeting in Brussels (20 (WLTP intermediate meeting) and f2f meeting 21<sup>st</sup> of Feb will be done too.

The f2f meeting in Brussels will start at 9:00h and will finish at 15:00h.

**REGISTRATION REQUIRED [\*]**

Updated information will be uploaded in the dedicated folder of the LowT TF's wiki

<https://wiki.unece.org/pages/viewpage.action?pageId=85295115>

**[\*] Details of the Intermediate meeting in Brussels, Belgium**

**Dates and times:**

Wednesday, February 19<sup>th</sup>, 9:30 – Thursday, February 20<sup>th</sup> 17:00

In conjunction with this Intermediate IWG meeting the Low Temp TF and the SG EV will have a combined face-to-face meeting in Brussels on Friday February 21<sup>st</sup>.

**Venue:**

February 19<sup>th</sup>: European Commission, DG GROW, Avenue d'Auderghem, Brussels  
ROOM BREY 05/A - F. BRAUN

February 20<sup>st</sup> :ACEA offices, Avenue des Nerviens, Brussels, Belgium

**February 21<sup>st</sup>: European Commission, DG GROW, Avenue d'Auderghem,  
Brussels ROOM BREY 05/A - F. BRAUN**

**Registration:**

For security reasons participants will have to register for the first day of the meeting at the DG GROW offices. Please register using the link:

<https://ec.europa.eu/eusurvey/runner/wltp19Feb>

Registration for the second day is not required.

Registration for the Low T/EV meeting on February 21<sup>st</sup> is required. Please register using the link:

<https://ec.europa.eu/eusurvey/runner/WLTP21022020>

(More details can be found in invitation document from WLTP Chair)

List of participants:

*Cova Astorga (Chair) C.A.*

*Christophe Petitjean (CLEPA) C.P.*

*Elena Paffumi (JRC) E.P.*

*Hans Matthiasson (Volvo/OICA) H.M.*

*Harald Kurz (HORIBA) H. K.*

*J. Wießber (Mercedes Benz) J.W.*

*Katie Mann (Ford) K.M.*

*Les Hill (Horiba) L.H.*

*Marcis Lakstigala () M.L.*

*Martin Rauch (Clepa) M. R.*

*Matthias Nägeli (VW/ACEA-EV/SG-EV) M.N.*

*Nick Ichikawa-san (Toyota - Japan) N.I.*

*Olle Berg (Volvo/OICA) O.B.*

*Pablo Mendoza (AECC) P.M*

*Peter Bonsack (CH) P.B.*

*Ritesh Kadbe (PSA)*

*Ricardo Suarez (JRC) R.S.*

*Niko Schütze (BMW) N.S.*

*Rob Gartner (EC) R.G.*

*Shumpei Miyazaki (JPN/MLIT) Sh.M.*

*Takahiro Haniu (JARI)*

*Takehiro Abe (JPN) T.A.*

35<sup>th</sup> Telco Low Temp Task force

Low Temp Task force Agenda	
Date	January 2020 Wednesday, 29 <sup>th</sup> (9:00-11:00h)
Informal Document	<b>Agenda</b> <b>Low Temp TF 2020-01-29</b> (Doc TF <u>LowT 35-01</u> ) <a href="https://wiki.unece.org/display/trans/LowT+TF+35th+Telco">https://wiki.unece.org/display/trans/LowT+TF+35th+Telco</a>
Room link	<a href="https://ecwacs.webex.com/meet/mastorga-llorens">https://ecwacs.webex.com/meet/mastorga-llorens</a>



Time	Agenda item	Lead/ contributions	Working Document
9:00	<b>Welcome and introduction</b> Presentation of Agenda  Lecture and approval of <b>Minutes of 34<sup>th</sup> LowT TF telco</b> (10 <sup>th</sup> of Jan 2020)	Coordinator / All	<b>Agenda TF</b> <u>LowT 34-01</u> <b>Minutes TF</b> <u>LowT 33-02</u> (doc attached mail 27/01 /2020)
	Reporting on the WLTP progress report presented on the 13 <sup>th</sup> of January during 29 <sup>th</sup> WLTP meeting	Coordinator	
	Summary of the progress during latest EV SG (27 <sup>th</sup> Jan) Calendar of next telco and planned discussions (shared)	P. Bonsack M Nagel	
	Next meetings (see calendar) <a href="https://wiki.unece.org/display/trans/WLTP+calendar">https://wiki.unece.org/display/trans/WLTP+calendar</a>  <b>F2f meeting and registration details [*]</b>	Coordinator / All	
	OICA comments on the EC proposal for Type 6 families	H. Mathiasson	
	Revision of the open points: status & programing next discussion for the rows 22, 27, 37, 38, 41, 44, 58, 64, 75, 78 See excel file –latest- version uploaded in: <a href="https://wiki.unece.org/display/trans/Optional+annex+Low+T+-+Drafting">https://wiki.unece.org/display/trans/Optional+annex+Low+T+-+Drafting</a>	Coordinator / All	
10:15	Preparation/ drafting work on the Working document  Optional annex on Low Temperature test. Drafting document can be found from now in a new folder:  <b>“Optional annex Low T - Drafting” ; Latest version:</b> <a href="https://wiki.unece.org/display/trans/Optional+annex+Low+T+-+Drafting">200110 - Low Temp Annex based on ECE-TRANS-WP29-2019-62e.docx</a> <a href="https://wiki.unece.org/display/trans/Optional+annex+Low+T+-+Drafting">https://wiki.unece.org/display/trans/Optional+annex+Low+T+-+Drafting</a>	R. Gardner (Coordinator)	

	Topics for the next telco of the drafting group on the 17 <sup>th</sup> Dec		
10:55	Next Telco and meetings <a href="https://wiki.unece.org/display/trans/WLTP+calendar">https://wiki.unece.org/display/trans/WLTP+calendar</a>	Coordinator TF / All	
11:00	End of the meeting		