

<b>LowT 2020 - Minutes Telco</b>	
<b>Date</b>	<b>7<sup>th</sup> May 2020</b>
<b>Title</b>	<b>Minutes of the 42<sup>nd</sup> Telco - Low Temperature Task Force</b>
<b>Document</b>	<p><b>LowT 42-02 – MINUTES</b> <sup>1</sup></p> <p>This document is closely linked to the files <sup>[2]</sup> loaded in the Wiki page:  <a href="https://wiki.unece.org/display/trans/LowT+TF+42nd+Telco">https://wiki.unece.org/display/trans/LowT+TF+42nd+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>

The Chair, C. Astorga welcomed the participants and presented the agenda. Chair reminded that this is the final stretch of the process and I she has to facilitate and lead the closure.

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

[200507 Status Square bracket topics Amd 6 WD.xlsx](#)

### **Agenda Item number 1**

Chair and technical-chair of the SG EV presented the latest progress of the informal group. Complete information can be found at:

<https://wiki.unece.org/display/trans/41st+Meeting+of+WLTP+Sub-Group+EV>

### **Agenda Item number 2**

OICA representative (H.M.) shared a new the proposed text for paragraph 2.6.2.2.2. Type 6 family selection of vehicle for testing.

2.6.2.2.2. The manufacturer shall specify a value PMRH (= highest power-to-mass ratio) and a value PMRL (= lowest power-to-mass ratio) for all vehicle high (VH) and vehicle low (VL) of the interpolation families in a type 6 family.  
A vehicle with a power to mass ratio greater than or equal to PMRH and a vehicle with a power to mass ratio less than or equal to PMRL (if applicable) shall be selected for testing.

<sup>1</sup> All documents mentioned in the minutes can be found at CIRCA BC under:

[EUROPA](#) > [European Commission](#) > [CIRCABC](#) > [GROW](#) > [wltp> 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 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>

Here the 'power-to-mass-ratio' corresponds to the ratio of the maximum net power of the internal combustion engine as declared by the manufacturer and of the reference mass, where "reference mass" means the mass of the vehicle in running order plus 25 kg.

Concerning the requirement of an additional soak period before pre-conditioning, OICA asks the contracting parties to re-evaluate the need for this additional soak for all vehicles. The inclusion of an additional soak period in the low temperature test procedure (before pre-conditioning) will bring potentially large investment and operational costs for test facilities (mainly for OEMs), and the justification has evolved from purely EV through vehicles with SCR (reagents) to cover all vehicles. The additional soak period may be justified for certain vehicles and powertrain technologies but it may also be possible to exclude this requirement for other types of technologies.

B.C. presented the document regarding some concerns on the references done in the optional annex (see [200506 GTR15 Amnd 6 - Annex 6 - BC notes 7th May.pdf](#))

To review his proposal a new telco took place with the drafting coordinator (R.G.) on the 18<sup>th</sup> of May (9:00 to 2h CET)

### **Agenda item 3**

Revision open items in document:

#### **200428\_Status Square bracket topics\_Amd\_6 WD (1)**

Document can be found in the UNECE wiki area: Optional annex Low T -Drafting

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

Progress in the rows ICE\_1 to ICE\_18 of the document (starting by rows **ICE\_10 and ICE\_15**)

**Japan presented several documents for discussion and they have been loaded in:**

<https://wiki.unece.org/display/trans/LowT+TF+42nd+Telco>

All main changes, agreements and preparation for drafting work of the informal document are indicated in latest version and available in:

[200428\\_Status Square bracket topics\\_Amd\\_6 WD\\_20200507.xlsx](#)

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

### **NEXT MEETINGs**

Updated information uploaded in the dedicated folder of the Low T TF's wiki

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

**List of participants:**

*Bill Colleman B.C.*

*Cova Astorga (Chair) C.A.*

*Dimitrios Tsokolis (Toyota Motor Europe) D. T.*

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

*Harald Kurz (HORIBA) H.K.*

*Iddo Riemersma (EC) I.R.*

*Katti Mann (Ford) K.M.*

*Les Hill (Horiba) L.H.*

*Martin Rauch (Clepa) M. R.*

*Mathieu Larmartiere (UTAC) M.L.*

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

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

*Niko Schütze (BMW) N.S.*

*Ohe Koji (MLIT, Japan) O.K.*

*Pablo Mendoza (AECC) P.M*

*Peter Bonsack (CH) P.B.*

*Ricardo Suarez (JRC) R.S.*

*Rob Gartner (EC) R.G.*

*Stefano Malfettani (Renault) S.M.*

*Tori Hitoshi (NTSEL, Japan) T.H.*

*Tibor Gyoeroeg (Denso) T.G.*



EUROPEAN COMMISSION  
JOINT RESEARCH CENTRE (JRC)  
DIRECTORATE FOR ENERGY, TRANSPORT & CLIMATE  
SUSTAINABLE TRANSPORT UNIT

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

Low Temp Task force Agenda	
Date	May 2020 Thursday, 7 <sup>th</sup> (9:00-12:00h)
Informal Document	Agenda Low Temp TF 2020-05-07 (Doc TF LowT 42-01)
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	Welcome and introduction Presentation of Agenda	Coordinator TF / All	Agenda TF LowT 42-01
9:05	Summary of the progress during latest EV SG	P. Borsche, M. Nagel	
9:15	Identified some questions related to how references are handled in the Low T annex.	H. Mathiasen (OICA)	
9:30	Progress in the rows ICE_1 to ICE_18 of the document (starting by rows ICE_10 and ICE_15)  200428_Status Square bracket topics_Amd_6 WD (1)  Document can be found in the UNECE wiki area: Optional annex Low T-Drafting <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 TF / All	
	Next LowT TF web-audio meetings  20 May 2020 (9:00 to 12:00 CEST)  <a href="https://wiki.unece.org/display/trans/WLTP+calendar">https://wiki.unece.org/display/trans/WLTP+calendar</a>  WLTP LowT TF drafting web-audio meetings (ICE & EV): 3 June 2020 (09:00 to 12:00 CEST) 4 June 2020 (09:00 to 12:00 CEST)		
12:00	End of the meeting		