# January 19th, 2021

Meeting called to order at 11:04 am, PST.

Guy Simpson - volunteered to be Secretary

The TG chair, Tim Godfrey took attendance

Attendees:

Tim Godfrey – EPRI

Guy Simpson – Ondas Networks

Harry Bims – Bims Laboratories

Nathan Clanney – Siemens Mobility Incorporated

Derek Ellingsworth – GE Renewable Energy

Jonathan Goldberg - IEEE

Juha Juntenen – Meteorcomm

Alessandra Rocha – WiMAX Forum

Ruben Salazar - Landis + Gyr

Daoud Serang – CML Microcircuits

Menashe Shahar – Ondas Networks

The TG chair presented 15-21-0020r1 (Agenda and Presentation)

The chair presented the agenda on Slide 3. There was no discussion on the agenda.

No objection to the agenda, the agenda was approved by unanimous consent.

The TG Chair [presented Slide 8 (Patent-related Information) and asked if anyone was aware of any essential patents, no responses were received.

The TG Chair presented Slides 9 through 13 reminding attendees of the IEEE’s policies on Copyright, Codes of Ethics & Conduct, Individual Contributions and Consideration of all Viewpoints.

The TG Chair went over the outstanding Calls for Contributions

* Contributions toward the System Requirements Document (IEEE 802.15-20-182r6 or subsequent)
* Contributions related to security requirements for critical infrastructure use cases as described in IEEE 802.15-20-213r2 (or subsequent)

The TG Chair stated that the Calls for Contributions will remain open until (at least) the March 2021 Electronic Plenary meeting

The TG Chair reported that two contributions had been received since the last meeting.

Juha Juntenen presented Mentor document 15-20-0182-10 “System Requirements Document (SRD) outline for 16t” to which he had added a scatter chart to represent the combination of throughput, latency and end point per sector from the use cases collected to date.

The following discussions took place…

* Use cases to be classified into High, Medium and Low throughput
* High throughput use cases to be supported by channel aggregation
* Reference should be made to spreadsheet as external document (or attachment) to avoid duplication

Menashe Shahar presented Mentor document 15-21-0058-00 “IEEE 802.15.16t Draft Proposal - System Requirements Document”.

The following discussions took place…

* Document presented is based on previous version of SRD with all changes accepted (new baseline) with then new changes added
  + It was agreed that future updates would be managed with tracked changes
* The concept of a Base Station Controller for channel coordination was considered to be beyond the scope of the current project
* The 16t extension will be frequency agnostic to the greatest extent possible, but it was recognized that there may be times when it might be necessary to optimize for sub 1GHz.
* Use of the term “bandwidth” need to be qualified
* The 1,000s of endpoints described have not materialized in the form of identified use cases
* SRD to be tidied up, reformatted, combined with r10 from Juha and posted as r11

The TG Chair presented Slide 23 “Revised Project Timeline”

The group confirmed the date for the Teleconferences following the Electronic Interim meeting as February 11th, 2021.

The TG chair called for Any Other Business of which there was none.

The TG chair adjourned the meeting at 12:30 pm, PST.