IEEE P802.11  
Wireless LANs

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| IEEE 802.11 TGbb Task Group on Light Communications  June 28th, 2021  Teleconference Minutes | | | | |
| Date: 06/28/2021 | | | | |
| Author: | | | | |
| Name | Affiliation | Address | Phone | Email |
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Abstract

This document contains the Task Group on Light Communications (TGbb) June 28th, 2021 teleconference meeting minutes

**IEEE 802.11 Task Group TGbb**

**June 28, 2021, Web conference 11:00-13:00 EDT**

Attendance: 12 people

1. The IEEE 802.11 TGbb meeting was called to order at by the Chair, Nikola Serafimovski (pureLiFi). Chong Han (pureLiFi) recorded the minutes.

1. The Chair reviewed the IEEE-SA patent policy, logistics, and reminders, including meeting guidelines and attendance recording procedures.
   * It is reminded all to record their attendance through the IMAT system.
2. The Chair introduced the overall agenda in doc. [11-21/1022r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1022-00-00bb-28-jun-2021-conference-call-agenda.pptx) for the call.

* Agenda Items to be discussed
  + Agenda Agreement
  + Submissions to be discussed
    - Draft 0.5 status review
      * Template for comments – doc. [11-21-0992r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0992-00-00bb-template-for-comments.xlsx)
      * 11bb current status and way forward – doc. [11-21-1016r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1016-00-00bb-11bb-current-status-and-way-forward.pptx)
      * Comments against D0.5 – doc. [11-21-1017r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1017-00-00bb-comments-against-p802-11bb-d0-5.xlsx)
  + AOB

1. Technical Editor Volker Jungnickel (HHI) talked about the template for comments shown in doc. [11-21-0992r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0992-00-00bb-template-for-comments.xlsx). Some partners have already been using the template. It will be used for comments in the future in order to ease the process of integration of comments from different partners.
2. Nancy Lee (Signify) presented 11bb current status and way forward – doc. [11-21-1016r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1016-00-00bb-11bb-current-status-and-way-forward.pptx). This joint contribution suggests removing LCO PHY for now to allow commercialization.

Chair reviewed the par of TGbb. And emphasizes the key requirement in the par that the standard should support.

Discussion on splitting the par into two: to separate the LC CM PHY and LC HE PHY from LCO PHY and allow LCO PHY to be developed continuously for LC. Robert Stacey (Intel) commented on this and suggested that modifying the current par and creating a new par will be a better solution. Regarding the modification of the current par, we could reduce the recommended design for now.

Nancy volunteered to prepare the modified par. Efforts from others are welcome.

1. Poll:

Do you support the recommendations outlined in contribution doc. 11-21-1016r0?

6 Yes 0 No 2 Abstain

1. Chair reminded the group that there will be 6 sessions in the upcoming IEEE meeting in July. One on Monday, one on Tuesday, 2 on Wednesday and 2 on Thursday.
2. Technical Editor Volker Jungnickel (HHI) suggested that since more changes may occur due to the removal of LCO PHY, comments collection against D0.5 will be kept open till the July IEEE meeting.
3. Q: Is a separate PHY clause preferred or statement in Clause 4 only?

C: The clause for TGbb does not have to be long. But it needs a separate clause for TGbb.

1. ITU-R Working Party (WP) 1A is currently developing a Recommendation containing elements to be taken into account when implementing Optical Wireless Communication (OWC). WP 1A would like input from 802.11 to check if the referred standards are correct. Chair asked the group to review the liaison statement <https://mentor.ieee.org/802.18/dcn/21/18-21-0080-00-0000-request-for-information-itu-r-wp-1a.docx> and send comments to Tuncer. Tuncer will gather the comments from the group, then provide the aggregated view.
2. Technical Editor Volker Jungnickel (HHI) guided through comment resolution in [11-21-1017r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1017-00-00bb-comments-against-p802-11bb-d0-5.xlsx)
   * Technical Comments were all resolved and so were a few Editorial comments
   * TE will review the rest Editorial comments
   * New version of document [11-21-1017r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1017-01-00bb-comments-against-p802-11bb-d0-5.xlsx) will be generated and uploaded for further discussion.
3. The meeting adjourned

Attendance

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| Breakout | Timestamp | Name | Affiliation |
| TGbb | 6/28 | Bahn, Christy | IEEE STAFF |
| TGbb | 6/28 | Baykas, Tuncer | Kadir Has University,  Hyperion Technologies |
| TGbb | 6/28 | Bluschke, Andreas | Signify |
| TGbb | 6/28 | Bober, Lennert | Fraunhofer Heinrich Hertz Institute |
| TGbb | 6/28 | HAN, CHONG | pureLiFi |
| TGbb | 6/28 | Lee, Nancy | Signify |
| TGbb | 6/28 | Ozyurt, Ahmet | PhD Student |
| TGbb | 6/28 | Serafimovski, Nikola | pureLiFi |
| TGbb | 6/28 | Stacey, Robert | Intel Corporation |
| TGbb | 6/28 | Yee, Peter | NSA-CSD |
| Breakout | Timestamp | Name | Affiliation |
| TGbb | 6/28 | Bahn, Christy | IEEE STAFF |