IEEE P802.11  
Wireless LANs

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| IEEE 802.11 TGbb Task Group on Light Communications  September 16, 2020 TGbb September Meeting Minutes | | | | |
| Date: 2020-09-16 | | | | |
| Author: | | | | |
| Name | Affiliation | Address | Phone | Email |
| Tuncer Baykas | Hyperion Technologies |  |  | [tbaykas@ieee.org](mailto:tbaykas@ieee.org) |
| Nikola Serafimovski | pureLiFi |  |  | [nikola.serafimovski@purelifi.com](mailto:nikola.serafimovski@purelifi.com) |
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Abstract

This document contains the Task Group on Light Communications (TGbb) September 16 2020 meeting minutes

**IEEE 802.11 Task Group TGbb**

**Wednesday, September 16, 2020, 9:00AM (ET)**

Attendance: 25 people

1. The IEEE 802.11 TGbb meeting was called to order at by the Chair, Nikola Serafimovski (pureLiFi). Tuncer Baykas (IMU) as a temporary Secretary 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.
   * Group discussed how the July meeting will be conducted.
2. The Chair introduced the overall agenda in doc. 11-20/1360r2 for the meeting.

* Agenda Items to be discussed

-VC, Secretary and Technical Editor elections

-Center Frequency

-Drat 0.2

-Mac Contribution

1. **TGbb Motion** to approve the agenda for the week in document 11-20/1360r2

**Approve the proposed agenda in doc. 11-20/1360r2 for the call.**

**Motion approved.**

1. Tuncer Baykas start acting as chair. Nikola Serafimovski presented 11-20/1449r1

Strawpoll by Nikola Serafimovski

Should TGbb adopt 26 MHz as the center frequencies for the 20 MHz mandatory common mode PHY?

Moved Nikola Serafimovski

Yes: 13

No: 0

Abstain: 8

1. Volker Jungnickel presented D.02.

Q: Do we need motions for technical changes from the editor?

A: Yes, a motion is necessary

C: There will be a comment resolution for D0.2 which group will collect presentations.

1. Motion to change agenda to present 11-20/1450r0.
   * No objections
2. Chong Han presented 11-20/1450r0
   * Q: Do you want to remove whole clause and replace with another one?
   * A: Yes, we would like replace 2005
   * C: There could be other clauses that will be affected.
   * C: Replacing won’t work maybe puuting a special section would be better.
   * Q: The document seems to be requirements in general. Which ones are necessary for the mandatory PHY?
   * A: Bare minimum is 802.11a.
   * C: We want keep QoS and TDLS capabilities.
   * C: We need to start with Association the we need to add features and necessary functionality.
   * C: We need to mention for a decent performance these features should be added.
   * C: It is good to have less mandatory stuff.
   * C: Did we have specification framework design document?
   * A: Yes
3. Motion: Minutes…..

Approve the minutes between the July 2020 plenary and the Sept. 2020 interim meeting, specifically:

doc. 11-20/1279r0

Move: Matthias Well

Second: Harry Bims

Approved with unanimous consent.

1. Motion:

Motion: Approve Tuncer Baykas as TGbb Vice Chair

Moved by: Jon Roshdall

Seconded by: Matthias Wendt

Approved with unanimous consent

1. Motion:

Instruct the Technical editor to replace existing content of clause “Operating Channel Properties” in Draft D0.1 with the following text:

“The LC common mode shall operate at a centre frequency of 26 MHz. The common bandwidth shall be 20 MHz. This centre frequency shall correspond to LC channel 0.

Moved Matthias Wendt

Seconded Tuncer Baykas

Motion is approved with unanimous consent

1. Motion:

Instruct the technical editor to replace the existing content clause “Channel numbering” in Draft 0.1 with the content slide 17 from the document 802.11-20/1360r3

Moved Matthias Wendt

Seconded Harry Bims

C: Is 320 MHz necessary?

C: Channel numbering should be consistent among different PHYs.

C: This channel numbering is only HE-PHY.

C: Update Slide 17.

C: 320 MHz column is deleted.

Motion result:

Motion is approved with unanimous consent

1. Motion:

Instruct the Technical Editor to complete D0.2 per the motions in doc. 11-20/1360r3 and release D0.2 for Working Group comment collection.

Moved: Volker Jungnickel

Seconded: Matthias Wendt

Motion result:

Motion is approved with unanimous consent

1. Groud adjourned at 10:59 AM

Attendance

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| Name | Affiliation |
| Aygul, Mehmet | Istanbul Medipol University; Vestel |
| Baykas, Tuncer | Istanbul Medipol University, Hyperion Technologies |
| Berner, Stephan | PureLiFi |
| Bims, Harry | Bims Laboratories, Inc. |
| Bober, Lennert | Fraunhofer Heinrich Hertz Institute |
| Chen, Na | MaxLinear Corp |
| EMMELMANN, MARC | Fraunhofer FOKUS / SELF |
| HAN, CHONG | pureLiFi |
| Jungnickel, Volker | Fraunhofer Heinrich Hertz Institute |
| Kitazawa, Shoichi | Muroran IT |
| Krieger, Ann | US Department of Defense |
| Lee, Nancy | Signify |
| Li, Qinghua | Intel Corporation |
| Loginov, Vyacheslav | IITP RAS |
| Martinez Vazquez, Marcos | MaxLinear Corp |
| Perkins, Richard | Qorvo |
| Purwita, Ardimas | University of Edinburgh |
| Rosdahl, Jon | Qualcomm Technologies, Inc. |
| Serafimovski, Nikola | pureLiFi |
| Stavridis, Athanasios | Ericsson AB |
| Turkmen, Halise | Istanbul Medipol University; Vestel |
| van Wageningen, Andries | Signify |
| Van Zelst, Allert | Qualcomm Incorporated |
| Wendt, Matthias | signify |
| Yee, Peter | NSA-CSD |