IEEE P802.11  
Wireless LANs

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| IEEE 802.11 TGbb Task Group on Light Communications  TGbb March 1st Teleconference Minutes | | | | |
| Date: 2020-01-15 | | | | |
| Author: | | | | |
| Name | Affiliation | Address | Phone | Email |
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Abstract

This document contains the Task Group on Light Communications (TGbb) November plenary meeting minutes

**IEEE 802.11 Task Group TGbb**

**Monday, March 1, 2021, 11:00AM (ET)**

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.
2. The Chair introduced the overall agenda in doc. 11-20/246r2 for the meeting.

C: MAC proposals should be listened first.

C: Chair approved the changes

1. **TGbb Motion** to approve the agenda in 11-21/246r2.

**Motion approved unanimously.**

1. Draft standard R3 is available in members area. Volker Jungnickel presented 11-20/0571r8.

Group started to discuss comment resolutions.

1. 11-20/0571r08 is presented by Chong Han.

C: There are reference number and title changes. Yellow parts are the changes.

Q: How the group wants to proceed? Multiple motion would be better for the changes.

A: There will be no motions in this call. We will decide on the plenary.

Q: If you want to provide another comment sheet, there will be more comments.

A: The intention is to add line numbers and we can check the changes one by one.

Q: We have to many revisions in the documents.

A: There are subclauses that we need to delete.

C: The best way could be replacing this work with the previous one.

C: The really easy way is to make the changes relative to D0.3

C: Comments against D0.2 would be fine.

C: Mark the clauses that everyone agree and focus the differences.

C: Let’s continue working on this submission.

C: If everyone agrees, it can be the new baseline.

C: New version will be created

1. Matthias Wendt presented 11-21/0333r0

C: Point A and Point A! are not perfect fits.

C: Finding an electrical reference point is hard.

C: A is a good approach, why different sensitivities are needed?

C: We are open to new contributions

C: It is an important contribution and practical aspects should be considered.

C: we hope to have a motion in March.

1. Tuncer Baykas started chairing the document.
2. Chong Han presented 11-21/0279r2

C: FST is suggested in both.

C: New text is coming in and the position of the old text is changed.

C: There could be more editorial comments.

C: The definitions should be in the same clause. In this document there are cross references.

C: There are multiple PHY modes, only common mode PHY is provided. New clauses will be added for specific PHYs. As a result we need to have some explanation in the introduction.

C: 31.1 should described whole MAC.

C: At the moemnts we don’t have contributions to whole PHY.

C: The issue is there are several PHYs, common mode MAC could be misleading.

C: MAC Support for the Common Mode pHy would be better.

C: 31.2 will support common mode and another one.

C: Editors note could be added in 31.1 and 31.2.

C: Group agree…

1. Chong Han presented 11-21/0277r2

C:Do we need to duplicate the text?

C: Not every station should support high efficieny of optimized Phys.

C: The first paragraph should be only about common mode.

1. Chong Han presented 11-21/0276r2

C:If you want to changeanything in 4.4.4, check the baseline first.

C: 6.5 from 802.11ax can be checked.

C: Such a change could be hard for the editor.

C: Provide the changes with the underline.

C: If new facility additions are made, we need to define them.

C: Two notes are added to the editor.

1. Chong Han presented 11-21/0278r2

C: Current security clause is provided.

C: Minor comment, Number 3 should be open system authentication.

Q: What is the reason to support these 3 items?

A: LC MAC didn’t have any security, WP3 is considered. CCMP and GCMP are strong security options.

C: If you want to want to use old chipset, they don’t have these security proocols.

C: CCMP will be mandatory and GCMP will be optional.

C: If only common mode PHY is mentioned, other modes should support it as well.

C: We can say we disallow some weak porotocols.

C: 802.11 2020 have multiple protocols.

C: New contributions will be considered.

1. Motion to adjourn

Passed unanimously.

Attendance

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| --- | --- |
| Ashok, Ashwin | Georgia State University |
| Baykas, Tuncer | Istanbul Medipol University, Hyperion Technologies |
| Berner, Stephan | pureLiFi |
| Bims, Harry | Bims Laboratories, Inc. |
| Bluschke, Andreas | Signify |
| Bober, Lennert | Fraunhofer Heinrich Hertz Institute |
| Davies, Robert | Signify |
| Delaunay, Nicolas | EASII-IC |
| EMMELMANN, MARC | Fraunhofer FOKUS / SELF |
| Jungnickel, Volker | Fraunhofer Heinrich Hertz Institute |
| Lee, Nancy | Signify |
| Orlando, Christian | IEEE STAFF |
| Riegel, Maximilian | Nokia |
| Serafimovski, Nikola | pureLiFi |
| van Wageningen, Andries | Signify |
| Wendt, Matthias | signify |
| Not in IMAT  Chong, Han | Purelifi |
| Orlando Christian | IEEE SA |
| Yusuf Bülbül | Hyperion |
| Enrique ??? | Gigalifi |
| Gerardo ??? | Gigalifi |
| Arturo ??? | Gigalifi |
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