IEEE P802.11  
Wireless LANs

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| IEEE 802.11 TGbb Task Group on Light Communications  TGbb November Plenary Meeting Minutes | | | | |
| Date: 2021-11-15 | | | | |
| Author: | | | | |
| Name | Affiliation | Address | Phone | Email |
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|  |  |  |  |  |

Abstract

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

**IEEE 802.11 Task Group TGbb**

**November 8, 2021, 11:15AM (ET)**

1. The IEEE 802.11 TGbb meeting was called to order at by the Acting Chair, Tuncer Baykas (Hyperion),
2. The Chair reviewed the IEEE-SA patent policy, logistics, and reminders, including meeting guidelines and attendance recording procedures.
   * No essential patents are claimed.
   * It is reminded all to record their attendance through the IMAT system.
   * The status of the draft is explained
3. The Chair introduced the overall agenda in doc. 11-21/1650r2 for the meeting.
   * Comment resolution on Draft 0.7
   * 11-21/1783r0 will be presented
   * 11-21/1813r0 will be presented
   * MOTIONS
   * Motions to include new text into Draft 1.0 from the week
   * Approval of meeting minutes
   * AOB
   * Telecon schedule
   * Agenda is approved.
4. Volker Jungnickel presented draft 0.7
5. Volker Jungnickel presented 11-21/1783r0,

CID 1: A revised resolution is provided.

CID 2: Is assigned to Volker Jungnickel

CID 3: Comment accepted

CID 4: A revised resolution is accepted.

CID 5: Postponed and is assigned to Volker Jungnickel

CID 6: A revised resolution is accepted.

CID 7: Postponed and is assigned to Volker Jungnickel

CID 8: A revised resolution is accepted.

CID 9: A revised resolution is accepted.

CID 10: Accepted.

New version of the document will be uploaded

3. Volker Jungnickel presented 11-21/1813r0,

CID 1: Accepted.

CID 2: Accepted.

CID 3: Comment accepted

CID 4: A revised resolution is accepted.

CID 5: Accepted

CID 6: Accepted

CID 7: A revised resolution is accepted.

CID 8: Accepted

CID 9: Accepted

CID 10: Assigned to Volker Jungnickel

CID 11:Accepted

CID 12: Accepted

New version of the document will be uploaded

Group adjourned

**November 11, 2021, 11:15AM (ET)**

1. The IEEE 802.11 TGbb meeting was called to order at by the Acting Chair, Tuncer Baykas (Hyperion),
2. Chair reviewed the IEEE-SA patent policy, logistics, and reminders, including meeting guidelines and attendance recording procedures.
   * No essential patents are claimed.
   * It is reminded all to record their attendance through the IMAT system.
   * Group is reminded that they should pay registration fee to join.
3. Volker Jungnickel presented 11-21/1813r0,

CID 13: Accepted.

CID 14: Accepted.

CID 15: Accepted.

CID 16: Accepted.

CID 17: Accepted.

CID 18: Accepted.

CID 19: Accepted.

CID 20: Accepted.

CID 21: Accepted.

CID 22: Accepted.

1. Volker Jungnickel presented possbile solution for MIMO comments.

C:Will one clocok run all components?

C: Yes there will be one clock

C: Will you prepare a text?

C: A text should be written.

C:There will be no beamforming in 802.11bb standard

C:We have text that states that beamforming does not apply.

C: We need to check multiple transmitters and receivers clause

C: Group discussed Figures 19-2 and 19-3.

C: Figure may be changed for LC PHY and reused.

C:Beamforming is created using phase diffirences. In LC we cannot do that.

C: TGbb can support MIMO.

C: More time is needed to finalize document.

C: If the group says we may add technology after letterballot, it may not be a good idea. If there is something to add group should add it as soon as possible.

C: 4 comments are open.

C: When you find a missing part in D1, it could be fixed D2. However best practise is to add technology as sson as possible.

C: There is a solid draft. I don’t see any issue to go with starting the letterballot and add it during draft 2.

C: Group can refine its draft and start letterballot.

C:What we have discussed is not a new think. We have an idea of how to do that. We may be able do that until Monday.

C: I am not in favour of slowing down TGbb.

C:We can work on new ideas.

**November 15, 2021, 9:00AM (ET)**

1. The IEEE 802.11 TGbb meeting was called to order at by the Acting Chair, Tuncer Baykas (Hyperion),
2. Chair reviewed the IEEE-SA patent policy, logistics, and reminders, including meeting guidelines and attendance recording procedures.
   * No essential patents are claimed.
   * It is reminded all to record their attendance through the IMAT system.
   * Group is reminded that they should pay registration fee to join.
3. Approve the minutes from the Sept. 2021 plenary meeting, specifically: doc. 11-21/1519r1

Move: Nikola Serafimovski

Second: Maximilian Riegel

Motion passed with unanimous consent.

1. Motion passed Approve the teleconference minutes between the September 2021 and November 2021 meetings, specifically:

Doc. 11-21/1814r0, 11-21/1815r1, 11-21/1816r1, 11-21/1817r1, ,

11-21/1818r1, 11-21/1819r1

Move: Nikola Serafimovski

Second: Matthias Wendt

Motion passed with unanimous consent.

1. Group discussed teleconference time
   * 11 Jan 2022 9:00-11:00 ET is selected.
2. Volker Jungnickel presented 11-21/1813r2,

CID 3 is discussed.

Volker Jungnickel presented 11-21/1864r0,

C: Group discussed how to show the common clock.

CID 3: Revised resolution is accepted.

1. Volker Jungnickel presented 11-21/1783r1,

Resolutions for CID 2-5-7-9 accepted.

Discussion on the suitability of using Beamforming capabilities currently developed in

the 802.11 text for TGbb. The recommendation is to remove the NOTE on “LC

supporting MIMO with separate spatial streams is out of scope.”

1. Motion:

Approve comment resolutions for all of the comments in doc. 11-21/1813r3 and 11-21/1783r2 for TGbb Draft 0.7

Move: Nikola Serafimovski

Second: Volker Jungnickel

Motion passed with unanimous consent

1. Motion:

Move to request 802.11 WG to approve the following motion:

Instruct the TGbb editor to prepare IEEE P802.11bb D1.0 by incorporating P802.11bb D0.7 and all accepted changes as contained in 11-21/1813r3 and 11-21/1783r2,

and

Approve a 40-day Working Group Technical Letter Ballot asking the question ‘‘Should P802.11bb D1.0 be forwarded to SA Ballot?’’

Move: Volker Jungnickel

Second: Matthias Wendt

Yes 7/ No 0/ Abstain 1

Motion Passed

1. Motion

Move to reaffirm the TGbb CSD as contained in https://mentor.ieee.org/802.11/dcn/17/11-17-1603-09-00lc-a-csd-proposal-for-light-communications.docx

Move: Matthias Wendt

Second: Marc Emmelmann

Yes 8/ No 0/ Abstain 0

Motion Passed

Motion to adjourn is passed.