IEEE P802.11  
Wireless LANs

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| Minutes 2018-01-08 LC SG Teleconference | | | | |
| Date: 2018-01-09 | | | | |
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Abstract

This document contains the meeting minutes for the 2018-01-08 Light Communication Study Group (SG) teleconference.

**Chair: Nikola Serafimovski (pureLiFi)**

**Vice-Chair: Li Qiang (Huawei)**

**Secretary: Volker Jungnickel (HHI)**

Meeting Recording Secretary: Sue Leicht (NSA)

**Participants** (as recorded from joinme-list is incomplete)

Nikola Serafimovski (pureLiFi)

Gaurav Patwardhan (HPE)

Sue Leicht (NSA)

1. The meeting was called to order at 4:00 PM EST by Nikola Serafimovski (pureLiFi)

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* 1. See agenda document <https://mentor.ieee.org/802.11/dcn/17/11-17-1873-00-00lc-08-jan-2018-conference-call-agenda.ppt>
  2. Review of administrative and policy materials
  3. Agenda agreed as presented

1. Resolution of comments on draft (revision 4) PAR and CSD:
   1. For comments collected, see <https://mentor.ieee.org/802.11/dcn/17/11-17-1831-02-00lc-lc-par-csd-comments.xls>
   2. For current revision of PAR and CSD
   3. Some of the authors of the comments were not on the call.
   4. CID 01:
      1. Had suggested to comment author to use “Enable uplink and downlink operations only in 380 nm to 10,000 nm band”
      2. No discussion
      3. Accepted the proposed change
   5. CID 02:
      1. Had suggested to comment author to replace with "Enables bi-directional transmission in 170 nm to 10,000 nm band"
      2. Chair pointed out that resolution of this CID was dependent upon the resolution in CID 01
      3. Accepted the proposed change
   6. CID 04:
      1. The proposed change is to leave only one PHY spec
      2. Chair proposed changing this to a technical comment
      3. Chair discussed with comment author to discuss and do a straw poll vote at the Jan 2018 IEEE 802 wireless interim meetings
      4. No discussion
      5. Proposed change to technical comment and plan in 2.6.3 approved
   7. CID 07:
      1. The proposed change was to delete “moving stations” from two sections in the PAR
      2. After prior discussion with comment author, chair proposed rejecting the suggested change
      3. No discussion
      4. Proposed deletion of moving stations rejected
   8. CID 08:
      1. Proposed changing to “State that both DL and UL shall be in the band identified in this subclause”
      2. This goes back to line 21 (section 5.2.b) in the PAR document
      3. No discussion
      4. Proposal accepted
   9. CID 11:
      1. Comment that “operation of light communications” needed more context
      2. This line corresponds to line 22 in section 5.2.b of the PAR
      3. No discussion
      4. Proposal rejected
   10. CID 13:
       1. Commenter suggested that the amendment supports more than just FST, corresponding 802.1 protocols and fast BSS transition (lines 14-18, section 5.2.b of the PAR)
       2. Suggested deleting these lines
       3. Proposal to change comment to technical and have for discussion at the Jan 2018 IEEE 802 wireless interim session
       4. No discussion
       5. Proposal for change to technical and hold for general discussion accepted
   11. CID 14:
       1. Comment that meaning of “radio” in line 14 of 5.2.b of PAR was not clear
       2. Proposed changing to "PHYs operating in 60 GHz and lower bands"
       3. No discussion
       4. Proposed change accepted
   12. CID 15:
       1. Commented that “170 nm is deep ultraviolet and is not safe”
       2. Proposed changing the lower bound to the top of visible light
       3. Proposed change accepted
   13. CID 21:
       1. Comment on lines 32-33 in section 5.2.b of the PAR concerning the role of regulatory bodies in standardizing access to light spectrum for the purpose of local area communication
       2. Proposed deleting that sentence
       3. No discussion
       4. Proposed deletion accepted
   14. CID 22:
       1. Proposed deleting “the” in “the diffused light”
       2. No discussion
       3. Proposed change accepted
   15. CID 23:
       1. Comment asked for a definition of “diffused light sources” and why that was relevant
       2. Proposed the use of “non-laser” wording
       3. Discussion: Is this wording appropriate? Should we replace the suggested “non-laser” with what? LIC vendors are trying to build a variety of products. This is not really relevant; there is a wide discrepancy in products. A suggestion was made to remove “which works with diffused light sources”.
       4. Resolution was to remove “which work even with the diffused light sources”
   16. CID 24:
       1. Comment that the $75B figure needed more detail in line 4 of section 5.5 of the PAR
       2. Chair suggested new text for lines 4-7 of section 5.5 of the PAR
       3. No objections were voiced to the suggested text
       4. The proposed new text was accepted
   17. CID 27:
       1. Proposed deleting spurious comma
       2. Proposal accepted
   18. CID 29:
       1. Proposed adding 802.15.7 and 802.17.7m to the list in 7.1 of the PAR
       2. Proposed removing “projected” in lines 33 and 39 of section 7.1 of the PAR
       3. Proposed additions and removals accepted
   19. CID 39:
       1. Proposed change to use of various terms including WiGig, 802.11mc in lines 36-38 in section 1.2.1 of the CSD.
       2. No discussion
       3. Proposed rewording by the commenter accepted
   20. CID 40:
       1. Proposed deleting a space
       2. Proposed deletion accepted
   21. CID 41:
       1. Commenter asked why would LC be preferred for M2M?
       2. Proposed deleting M2M from the sentence (line 1, page 3 of the CSD)
       3. Proposed deletion accepted
   22. CID 42:
       1. Commenter asked about the relevance of short range in section 1.2.1
       2. Proposed rejecting the request for clarification
       3. No discussion
       4. Rejected
2. The Chair discussed the proposed agenda for the LC SG sessions at the Jan 2018 IEEE 802 wireless meeting
   1. Discussion of received comments on the draft PAR and CSD will continue at the meeting
   2. Five time slots are currently scheduled for the LC SG.
   3. The chair has not received any other contributions so far
   4. The chair expects that the remaining comments will be resolved during the first two time slots
3. The chair will upload revision 5 of the PAR and CSD and revision 3 of the PAR/CSD comments
4. Call for Any Other Business (AOB)
5. Meeting adjourned at 5 PM EST