IEEE P802.11  
Wireless LANs

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| Minutes 2018-02-26 LC SG Teleconference | | | | |
| Date: 2018-02-28 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the meeting minutes for the 2018-02-26 Light Communication Study Group (SG) teleconference.

**Chair: Nikola Serafimovski (pureLiFi)**

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

**Secretary: Volker Jungnickel (HHI)**

Meeting Recording Secretary: Oliver Luo (Huawei)

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

Jon Rosdahl (Qualcomm)

Mark Rison (Samsung)

Chong Han (pureLiFi)

Nikola Serafimovski (pureLifi)

Gaurav Patwardhan (HPE)

John Li (Huawei)

Jiamin Chen (Huawei)

1. The meeting was called to order at 9:00 AM EST by Nikola Serafimovski (pureLiFi)

[nikola.serafimovski@purelifi.com](mailto:nikola.serafimovski@purelifi.com)

* 1. See agenda document <https://mentor.ieee.org/802.11/dcn/18/11-18-0341-00-00lc-26-feb-2018-conference-call-agenda.ppt>
  2. Review of administrative and policy materials
  3. Agenda agreed as presented

1. Resolution of comments submitted against the draft LC PAR (doc. 11-17/1604r8) and CSD(doc. 11-17/1603r7).
   1. For comments collected, see <https://mentor.ieee.org/802.11/dcn/18/11-18-0387-00-00lc-lc-par-csd-comments.xls>
   2. For current revision of PAR and CSD
   3. CID 01:
      1. Had suggested to use myProject system to generate PAR
      2. myProject has been used with Li Qiang (John) and Jon Rosdahl as editors for the final PAR document
      3. Accepted the proposed method
   4. CID 02:
      1. Had suggested to write a statement to express push from technology perspective instead of from market demand.
      2. Ad-hoc notes suggested that the technology perspective has already been specified
      3. Chair changed the following sentence: “The wider context for the economic considerations for LC is presented in doc. 11-17/0803r1 (https://mentor.ieee.org/802.11/dcn/17/11-17-0803-01-00lc-economic-considerations-for-lc.ppt)” To “The wider context for the economic considerations like decreasing costs for LEDs/LDs and the availability of higher frequency spectrum for LC is presented in doc. 11-17/0803r1 (https://mentor.ieee.org/802.11/dcn/17/11-17-0803-01-00lc-economic-considerations-for-lc.ppt).
      4. Accepted the proposed suggestion
   5. CID 03:
      1. Had suggested to expand the description in clause 5.6 of PAR (11-17/1604r8)
      2. Chair revised clause 5.6
      3. New text to read: "Stakeholders include chip makers to deliver PHY & MAC sub-systems, system integrators and lighting companies, telecom operators, Internet Service Providers (ISPs), IoT companies, industrial manufacturers, aviation and transportation industries."
      4. Accepted the proposed suggestion
   6. CID 04:
      1. Had pointed that the stakeholder list does not agree with the CSD Broad Market Potential answer.
      2. Chair will make a change in the CSD (11-17/1603r7) Section 1.2.1 (b) to make sure the previous change (CID 03) will also be reflected in the revised version of the CSD (11-17/1603r7)
      3. Accepted the proposed suggestion
   7. CID 05:
      1. Had pointed out that an explanation is required for the YES answer in clause 6.1.b of PAR (11-17/1604r8)
      2. The paragraph below has been added in Section 6.1.b.
      3. "Project may define new Management frames (extending the existing 802.11 frame structure) to support its new features. These frames will include fields that contain 48-bit MAC addresses. It is not expected that any new namespaces for allocation under RAC control will be defined."
      4. Accepted the proposed suggestion
   8. CID 06:
      1. Had suggested to write a paragraph to explain the need for an additional standard in this area
      2. An explanation from the CSD (11-17/1603r7) Section 1.2.3 is added to Section 7.1 of PAR (11-17/1604r8)
      3. Accepted the proposed suggestion
   9. CID 07&08:
      1. Intended to ask optical experts to comment on the “primarily” line-of-sight transmission of LC
      2. This comment is reject due to the following reason
      3. Communication is primarily conducted inside the cone of light. Studies have demonstrated that it is possible to detect signals from reflections outside of the cone of light but is not feasible for real world use-cases. For details please see doc. 11-17/1686r2 and doc. 11-17/1694r2
2. The Chair mentioned what kinds of tasks are needed to be done during the LC SG sessions at the March 2018 IEEE 802 wireless meeting
   1. The Chair cannot attend the meeting
   2. John Li is assigned to chair all sessions
3. The chair will upload LC-PAR-CSD-comments
4. Meeting adjourned at 10 AM EST