IEEE P802.11 Wireless LANs

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| PAR Minutes – March 2021 | | | | |
| Date: 2021-03-16 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the minutes of the PAR Standing Committee session that was held by teleconference in March 2021.

# Monday March 8, 13:30-15:30

### Jon Rosdahl, Qualcomm – Chair

### Michael Montemurro, Huawei Technologies Co., Ltd – Vice-Chair

Attendance: 25

1. Meeting called to order at 13:38
2. Following the same process as for July. We will provide comments on the PARs submitted for the March 2021 plenary.
3. Agenda Review – approved as document 11-21/212r0 - <https://mentor.ieee.org/802.11/dcn/20/11-21-0212-00-0PAR-par-review-sc-meeting-agenda-and-comment-slides-march-2021-electronic-plenary.pptx>
   * Agenda is approved unanimously
4. Motion to approve minutes from May PAR SC meetings:

MOTION: **Move to approve the minutes from November 2020 in document 11-20/1725r0:** [**https://mentor.ieee.org/802.11/dcn/20/11-20-1725-00-0PAR-par-minutes-november-2020-session.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-1725-00-0PAR-par-minutes-november-2020-session.docx).

Mover: Michael Montemurro

Second: Lei Wabg

Result: Unanimous. **Motion** **Passes.**

1. PAR and CSD comments are captured in 11-21/212r1

* **802.1Qdq Amendment: Shaper Parameter Settings for Bursty Traffic requiring Bounded Latency,**[**PAR**](https://ieee802.org/1/files/public/docs2021/dq-draft-PAR-0121-v01.pdf)**and**[**CSD**](https://ieee802.org/1/files/public/docs2021/dq-draft-CSD-0121-v01.pdf)
* PAR:
  + The part amendment title under question is automatically generated by the tool.
  + The PAR document does not have a carve out for IEEE 802.1Q. Bounded latency is tricky in 802.11 systems.
  + 5.2b – Scope – Is the intention of this amendment to apply to 802.11 which has very different timings and media access methods a as compared to Ethernet (timing and media access). What specifics apply to 802.11?
  + The shaper parameters are introduced to 802.11 as part of the TSPEC. What does the shaper mean?
  + The technical content that will be included in the amendment is out of scope of this review.
  + 5.2.b – Is this informative annex going to mandate the existing spec? The above question is asked to differentiate if the informative annex has to be strictly followed by all specifications or not. Today in all annexes regarding security, it is typically mandatory to ensure interoperability. If it is an informative annex that improves latency performance and is up to to implementers, then it is optional.
* CSD:
  + - * The key term in the title is settings. There are no parameter definitions.
  + A presentation on this topic was given in the EHT SG: “https://mentor.ieee.org/802.11/dcn/19/11-19-0373-00-0eht-time-sensitive-applications-support-in-eht.pptx”
    - * 1.2.1 – How will 802.11 network services be included in broad IoT services be achieved?
    - **802.1ASdr - Amendment: Inclusive Terminology,**[**PAR**](https://www.ieee802.org/1/files/public/docs2021/dr-PAR-0221-v01.pdf)**and**[**CSD**](https://www.ieee802.org/1/files/public/docs2021/dr-CSD-0221-v01.pdf)
* PAR:
  + 8.1 – Instructions for PAR indicate that the section number is to be indicated.
  + There is a footnote in the text of the quoted standard. Only the PAR form does not support subscripts or superscripts.
  + 8.1 – the footnote that is indicated is confusing. Is the footnote should be included in the PAR. Is the footnote for the title or the sentence?
  + Should we suggest “inclusive language terms”?
  + 5.5 – The first use of PTP should be spelled out for the acronym.
* CSD:
  + 1.2.1g – Is this a true statement “This project avoids non-incluseive, insensitive”, or are you really indending “This project modifies some existing terms in the existing standard…”
  + This topic is still under debate in IEEE P1588g and this work is dependent on IEEE P1588g.
* Chair will post the PAR/SC output to the 802 WG reflector and submit the result to the EC.

1. Review the 802.11 REVme PAR
   * Document 1682r0 (<https://mentor.ieee.org/802.11/dcn/20/11-20-1682-00-0000-p802-11revme-revision-par.doc>)
   * The PAR indicates that it is a revision PAR.
   * 11ax, 11ay, and 11ba are the three amendments that trigger the amendment. It also mentions that there are six additional amendments are currently under development.
   * There is a plan to incorporate the completed amendments that are underway. However, the completion of this project does not depend on any other amendments.
2. The next teleconference is scheduled for Thursday March 18 – 09:00 ET.
3. Adjourn at 14:43

# Thursday March 18, 09:00-11:00

### Jon Rosdahl, Qualcomm – Chair

### Michael Montemurro, Huawei Technologies Co., Ltd – Vice-Chair

**Stephen McCann, Huawei Technologies Co., Ltd**

**Bo Sun, ZTE**

**Paul Nikolich, 802 Chairman**

1. Meeting called to order at 09:03
2. Agenda Review – approved as document 11-21/212r3
3. Continue with the approved PAR SC agenda
4. Review responses received: Summarized in 11-19/212r4
   * **802.1ASdr - Amendment: Inclusive Terminology,**[**PAR**](https://www.ieee802.org/1/files/public/docs2021/dr-PAR-0221-v01.pdf)**and**[**CSD**](https://www.ieee802.org/1/files/public/docs2021/dr-CSD-0221-v01.pdf)
     + PAR:
       - Updated PAR based on comments.
       - The final report with comment responses should be entitled 802.1ASdr
     + CSD:
       - Updated CSD based on comments.

* **802.1Qdq Amendment: Shaper Parameter Settings for Bursty Traffic requiring Bounded Latency,**[**PAR**](https://ieee802.org/1/files/public/docs2021/dq-draft-PAR-0121-v01.pdf)**and**[**CSD**](https://ieee802.org/1/files/public/docs2021/dq-draft-CSD-0121-v01.pdf)
  + - PAR:
      * Responded to comments that that this amendmend does not support wireless technologies.
      * No changes.
    - CSD:
      * Responded to comments that that this amendmend does not support wireless technologies.
      * No changes.

1. Approve PAR SC Comments and Responses

MOTION:

**Move to accept the report coatained in** [**https://mentor.ieee.org/802.11/dcn/20/11-21-212-04-0PAR-par-review-sc-meeting-agenda-and-comment-slides-march-2021-electronic-plenary.pptx**](https://mentor.ieee.org/802.11/dcn/20/11-21-212-04-0PAR-par-review-sc-meeting-agenda-and-comment-slides-march-2021-electronic-plenary.pptx) **as the report from PAR Review SC for the March 2021 plenary.**

**Moved: Michael Montemurro**

**2nd: Stephen McCann**

**Results: 3 – Yes; 0 – No; 0 – Abstain. Motion Passes.**

1. Adjourn at 9:28