IEEE P802.11 Wireless LANs

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| PAR Minutes – November 2020 | | | | |
| Date: 2020-11-02 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the minutes of the PAR Standing Committee session that was held by teleconference on November 2nd.

# Monday November 2, 13:30-15:30

### Jon Rosdahl, Qualcomm – Chair

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

**Michel Allegue Martinez, Aerial Technologies Inc**

**Kwok Shum (Edward) Au, Huawei Technologies Co., Ltd**

**Vijay Auluck, Self**

**Roya Doostnejad, Intel Corporation**

**Alecsander Eitan, Qualcomm Incorporated**

**Ahmed ElSherif, Qualcomm Incorporated**

**Zhou Lan, Broadcom Corporation**

**Liang Li, Vinno Technologies Inc.**

**Hui-Ling Lou, Marvell Semiconductor, Inc.**

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

**SAI SHANKAR NANDAGOPALAN, Cypress Semiconductor Corporation**

**Stephen Palm, Broadcom Corporation**

**Eldad Perahia, Hewlett Packard Enterprise**

**Petrick, Albert Jones-Petrick and Associates, LLC.**

**Emily Qi, Intel Corporation**

**Dror Regev, Toga Networks (a Huawei company)**

**Stephan Sand, German Aerospace Center (DLR)**

**Andy Scott, NCTA**

**Huizhao Wang, Quantenna Communications, Inc.**

**Lei Wang, Huawei R&D USA**

**Salah Eddine ZEGRAR, Istanbul Medipol University; Veste**

Attendance: 23

1. Meeting called to order at 13:32
2. Following the same process as for July. We will provide comments on the PARs submitted for the November 2020 plenary.
3. Agenda Review – approved as document 11-20/1608r0 - <https://mentor.ieee.org/802.11/dcn/20/11-20-1608-00-0PAR-par-review-sc-meeting-agenda-and-comment-slides-november-2020-electronic-plenary.pptx>
   * Agenda is approved unanimously
4. Motion to approve minutes from May PAR SC meetings:

MOTION: **Move to approve the minutes from July/Aug 2020 in document 11-20/1039r0:** [**https://mentor.ieee.org/802.11/dcn/20/11-20-1039-00-0PAR-par-minutes-july-2020.docx**](https://mentor.ieee.org/802.11/dcn/20/11-20-1039-00-0PAR-par-minutes-july-2020.docx).

Mover: Michael Montemurro

Second: Stephen McCann

Result: 11 – Yes; 0 – No; 0 – Abstain. **Motion** **Passes.**

1. Confirm PAR SC Vice Chair/Secretary

MOTION: **Move to confirm Michael Montemurro as PAR Review SC Vice Chair/Secretary**

Moved: Stephen McCann

2nd: Stephen Palm

Result: **Motion Passes Unanimously**

1. PAR and CSD comments are captured in 11-20/1608r1

* **802.1DP Standard: Time-Sensitive Networking Profile for Aerospace Onboard Ethernet Communications,** [**PAR**](https://www.ieee802.org/1/files/public/docs2020/dp-draft-PAR-0920-v01.pdf) **and** [**CSD**](https://www.ieee802.org/1/files/public/docs2020/dp-draft-CSD-0920-v01.pdf)
  + PAR:
    - * + 2.1 Typically titles begin with "Standard for...", "Guide for..." or "Recommended Practice for...". If a general term is used to represent ranges (e.g. high, medium, low) within the title, scope, or purpose, numerically define such ranges where they first appear (title, scope, or purpose, as applicable). From the PAR submission instructions.
        + We were confused, as it is a profile, is that a standard/guide/recommended practice?
        + 2.1 and 5.2 the use of “profile” vs “profiles” the plurality should be the same.
        + 5.2 “The profiles select” seems to imply a Guide or Recommended practice… harmonizing the title and 5.2 should be done.
        + 5.4 “This standard provides profiles” if we need to change 2.1 and 5.2, make similar changes to 5.4.
        + 5.4 “support the entire range of aerospace onboard application” …”Entire” really.Suggest changing to “broad” .
        + 5.5 – “use of IEEE 802 standards” – this may be overly broad as it does not include 802.11 in the descriptions. Suggest change to “use of IEEE 802.1 and IEEE 802.3 standards”, or you could include the use of 802.11 in the scope.
        + 8.1 The note for 5.2 seems to imply that this would be a guide or recommend practice.
        + 8.1 the note for 5.2 and 5.4 notes 802.3, but if you expand the scope for 802.11 it should be noted.
        + 8.1 IEEE 802.3 Ethernet networks, IEEE 802.1 Time-Sensitive Networking (TSN) and IEEE 802.1 All cited Standards should be fully expanded and noted here in 8.1.
        + The example of 802.1CM may be used for title and scope issues noted.
        + CSD:

Note that the title in the CSD is not quite the same as the PAR…” Standard for local and Metropolitain Area Networks” is not included in the PAR.

1.2.4 – “IEEE 802 standards” why is 802.11 excluded? If it is technically feasible, it should be included. If not included, then why is it excluede.

Note in general, where it states “IEEE 802 standards” if we do not exclude 802.11, then the statement would be valid and true.

* **802.15.4aa Amendment: Japanese Rate Extension,** [**PAR**](https://mentor.ieee.org/802.15/dcn/20/15-20-0202-00-0jre-802-15-4aa-par-for-japanese-rate-extension.docx) **and** [**CSD**](https://mentor.ieee.org/802.15/dcn/20/15-20-0159-04-0jre-draft-csd-for-japanese-rate-extension.docx)
  + PAR:

5.2b – “Japanese frequency band” Should include the numeric band range

5.4 – use of “ultra” for 3 of the four “low”

* + - * + CSD:

No comments.

* **802.16t Amendment - Fixed and Mobile Wireless Access in Narrowband Channels,** [**PAR modification**](https://mentor.ieee.org/802.15/dcn/20/15-20-0196-00-016t-licensed-narrowband-amendment-par.pdf) **and** [**CSD**](https://mentor.ieee.org/802-ec/dcn/19/ec-19-0222-00-ACSD-p802-16t.docx)
  + PAR:

2.1 – No title is really given. Is this the main standard title? What is the amendment: “Title”?

5.6 – Stakeholders seems overly broad and all the “includes” make it ambiguous as to who the stakeholder really is. The Stakeholder List should list the categories of interested parties that would want to participate in this project.

* + - * + CSD:

1.2.1 – The market statements seem to say that today we have something and in 2020 we will have something else…. Today is 2020, so is the statmetnt should be revised/updated

* 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 November 11 09:00 ET.
3. Adjourn at 14:55

# Wednesday November 11, 09:00-11:00

### Jon Rosdahl, Qualcomm – Chair

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

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

**Osama Aboul-Magd, Huawei Technologies Co., Ltd**

**Bo Sun, ZTE**

**Joseph Levy, Interdigital**

**Edward Au, Huawei Technologies Co., Ltd.**

1. Meeting called to order at 09:02
2. Agenda Review – approved as document 11-20/1608r2
3. Continue with the approved PAR SC agenda
4. Review responses received: Summarized in 11-19/1608r3
   * **802.1DP Standard: Time-Sensitive Networking Profile for Aerospace Onboard Ethernet Communications,** [**PAR**](https://www.ieee802.org/1/files/public/docs2020/dp-draft-PAR-0920-v01.pdf) **and** [**CSD**](https://www.ieee802.org/1/files/public/docs2020/dp-draft-CSD-0920-v01.pdf)
     + PAR:
       - No Response
     + CSD:
       - No Response

* **802.15.4aa Amendment: Japanese Rate Extension,** [**PAR**](https://mentor.ieee.org/802.15/dcn/20/15-20-0202-00-0jre-802-15-4aa-par-for-japanese-rate-extension.docx) **and** [**CSD**](https://mentor.ieee.org/802.15/dcn/20/15-20-0159-04-0jre-draft-csd-for-japanese-rate-extension.docx)
  + - PAR:
      * No Response
    - CSD:
      * No Response
  + **802.16t Amendment - Fixed and Mobile Wireless Access in Narrowband Channels,** [**PAR modification**](https://mentor.ieee.org/802.15/dcn/20/15-20-0196-00-016t-licensed-narrowband-amendment-par.pdf) **and** [**CSD**](https://mentor.ieee.org/802-ec/dcn/19/ec-19-0222-00-ACSD-p802-16t.docx)
    - PAR:
      * As this is a PAR medication, 8.1 should include an explanation of the changes to the project.
    - CSD:
      * No Response

1. Approve PAR SC Comments and Responses

MOTION:

**Move to accept** [**https://mentor.ieee.org/802.11/dcn/20/11-20-1608-03-0PAR-par-review-sc-meeting-agenda-and-comment-slides-november-2020-electronic-plenary.pptx**](https://mentor.ieee.org/802.11/dcn/20/11-20-1608-03-0PAR-par-review-sc-meeting-agenda-and-comment-slides-november-2020-electronic-plenary.pptx) **as the report from PAR Review SC for the November 2020 plenary.**

**Moved: Stephen McCann**

**2nd: Edward Au**

**Results: 5 – Yes; 0 – No; 0 – Abstain. Motion Passes.**

1. Adjourn at 9:28