**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | **IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)** | |
| Title | **TG4aa JRE Group November Virtual Plenary Session Minutes** | |
| Date Submitted | [12 November 2020] | |
| Source | [Kiyoshi Fukui, OKI, Japan] | E-mail: [fukui535@oki.com] |
| Re: |  | |
| Abstract | [IEEE 802.15 JRE Acting Task Group Plenary Session Call Minutes.] | |
| Purpose | [Report of progress to WG.] | |
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**3 November 2020 Virtual Plenary Minutes - IEEE 802.15.4aa**

**Attendees(24):**

Takashi Kuramochi (Lapis)

Kiyoshi Fukui (OKI)

Phil Beecher (Wi-SUN)

Hiroshi Harada (Kyoto University)

Chris Hett (L+G)

Yuki Matsumura (ROHM)

Hideyuki Kuribayashi (ROHM)

Jeng-Shiann Jiang (Vertexcom)

Yoshio Kashiwagi (Nissin Systems)

Ryota Okumura (Kyoto University)

Clint Powell (PWC)

Ersen Ekrem (Apple)

Gary Stuebing (CISCO)

Henk de Ruijter (Silicon Labs)

Hiroyuki Toda (Lapis)

Seiji Nakanishi (Lapis)

Kunal Shah (Itron)

Takamitsu Hafuka (Lapis)

Sang-kyu Lim (ETRI)

Oliver Holland

Shang-Te Yang

Xiliang Luo

Clark Palmer

HB LI

**Tuesday 3 November 2020 18:00 EST**

18:03 EST: Kuramochi calls meeting to order and introduces opening report 15-20-0309-01-04aa

Kuramochi reads Administrative Items (15-20-0309-01-04aa).

Kuramochi reads Patent Policy and IEEE-SA Policy and Procedures (15-20-0309-01-04aa).

Opportunity for patent declarations: none are made

Kuramochi shows slides from opening report (15-20-0309-01-04aa) and explains recording attendance using IMAT.

Kuramochi shows slides from opening report (15-20-0309-01-04aa) and explains JRE schedule for the week (EST).

Kuramochi shows slides from opening report (15-20-0309-01-04aa) and explains agenda (15-20-0309-01-04aa).

Motion to approve Agenda

Moved: Kunal Shah (Itron)

2nd: Phil Beecher (Wi-SUN Alliance)

There is no discussion or objections.

Agenda approved by unanimous consent.

Kuramochi shows September Interim minutes (15-20-0268-01-04aa) and October conference call minutes (15-20-0299-00-04aa).

Motion: To approve last meeting minutes.

Moved: Phil Beecher

2nd: Kunal Shah

No discussion or objections, approved by unanimous consent.

**Hear Technical Proposal from Kyoto University**

Kuramochi shows slides from opening report (15-20-0309-01-04aa) and ask Harada (Kyoto University) to present Technical Proposal - 15-20-0295-03-04aa.

Harada shows technical proposal (15-20-0295-03-04aa) and explain the proposal.

Kuramochi asks all members about any questions.

There were questions and further explanation given about slides 3, 8, 13.

**Recess**

19:03 EST Meeting is recessed.

**4 November 2020 Virtual Plenary Minutes - IEEE 802.15.4aa**

**Attendees(25):**

Takashi Kuramochi (Lapis)

Kiyoshi Fukui (OKI)

Phil Beecher (Wi-SUN)

Hiroshi Harada (Kyoto University)

Chris Hett(L+G)

Yuki Matsumura (ROHM)

Hideyuki Kuribayashi (ROHM)

Jeng-Shiann Jiang (Vertexcom)

Yoshio Kashiwagi (Nissin Systems)

Ryota Okumura (Kyoto University)

Clint Powell (PWC)

Ersen Ekrem (Apple)

Henk de Ruijter (Silicon Labs)

Hiroyuki Toda (Lapis)

Seiji Nakanishi (Lapis)

Kunal Shah (Itron)

Takamitsu Hafuka (Lapis)

Xiliang Luo

Takenori Sumi (Mitsubishi Electric)

Jerome Henry (Cisco)

Ayman Naguib

Billy Verso (Qorvo)

Chris Calvert

Nathan Clanney

Ruben Salazar (L+G)

**Wednesday 4 November 2020 18:00 EST**

18:03 EST: Kuramochi calls meeting to order and introduces opening report 15-20-0309-03-04aa

Kuramochi shows slides from opening report (15-20-0309-03-04aa) and explains today’s agenda.

Kuramochi shows slides from opening report (15-20-0309-03-04aa) and explains recording attendance using IMAT.

**Hear Technical Proposal from Lapis Technology**

Kuramochi shows slides from opening report (15-20-0309-03-04aa) and asks Hafuka (Lapis) to present Technical Proposal - 15-20-0294-01-04aa

Hafuka shows technical proposal (15-20-0294-01-04aa) and explains the proposal.

Kuramochi asks all members about any questions.

There are questions and further explanation given about slides 3, 4,6,9.

**Discuss any comments on PAR/CSD**

Kuramochi shows comments on PAR/CSD from other WG (15-20-0314-01-0000) and explains the comments and resolutions.

Kuramochi shows updated PAR (15-20-0202-01) based on other WG’s comments.

Shah points out that Japanese Frequency band is wrong (902-928MHz). it should be fixed to (920-928MHz).

Kuramochi agrees Shah’s comment. That’s to be fixed at the latest PAR.

There are no additional comments about updated PAR.

Kuramochi shows updated CSD (15-20-0319-00-04aa) based on other WG’s comments.

There are no additional comments about updated CSD.

Kuramochi informs that both updated PAR/CSD will be reviewed at 5th Thursday JRE session3.

Kuramochi asks all members to review updated PAR/CSD before 5th Thursday JRE session3.

**Recess**

19:00 EST Meeting is recessed.

**5 November 2020 Virtual Plenary Minutes - IEEE 802.15.4aa**

**Attendees(19):**

Takashi Kuramochi (Lapis)

Kiyoshi Fukui (OKI)

Phil Beecher (Wi-SUN)

Yuki Matsumura (ROHM)

Hideyuki Kuribayashi (ROHM)

Jeng-Shiann Jiang (Vertexcom)

Alessandra Rocha

Yoshio Kashiwagi (Nissin Systems)

Ryota Okumura (Kyoto University)

Clint Powell (PWC)

Don Sturek (Itron)

Eren Sasoglu

Ersen Ekrem (Apple)

Henk de Ruijter (Silicon Labs)

Seiji Nakanishi (Lapis)

Sang-Kyu Lim

Kunal Shah (Itron)

Chris Calvert

Shang-Te Yang

**Thursday 5 November 2020 17:00 EST**

18:03 EST: Kuramochi calls meeting to order and introduces opening report 15-20-0309-03-04aa

Kuramochi shows slides from opening report (15-20-0309-04-04aa) and explains today’s agenda.

Motion to approve Agenda

Moved: Clint Powell (PWC)

2nd: Kunal Shah (ITRON)

There is no discussion or objections.

Agenda approved by unanimous consent.

Kuramochi shows slides from opening report (15-20-0309-04-04aa) and explains recording attendance using IMAT.

Kuramochi shows slides from opening report (15-20-0309-04-04aa) and spreadsheet of consolidated proposals (15-20-0321-00-04aa) and explains consolidated proposals from November Plenary.

There are some comments to the channel Bandwidth.

Kuramochi shows slides from opening report (15-20-0309-04-04aa) and explains “Call for Additional Proposals”.

Kuramochi shows slides from opening report (15-20-0309-04-04aa), updated PAR (15-20-0202-04) and CSD (15-20-0319-00) and explains amendments.

Motion to Agree any changes to the PAR (15-20-0202-04) and CSD (15-20-0319-00) based on comments (15-20-0314-01)

Moved: Kunal Shah (Itron)

2nd: Clint Powell (PWC)

There is no discussion or objections.

Motion approved by unanimous consent.

Motion to Request that PAR and CSD contained in document PAR (15-20-0202-04-0jre) and CSD (15-20-0319-00-04aa) , respectively, be approved for submission to the WG for its approval and that EC be requested to forward PAR to NesCom.

Moved: Kunal Shah (Itron)

2nd: Phil Beecher (Wi-SUN Alliance)

There is no discussion or objections.

Approved by unanimous consent

Kuramochi shows slides from opening report (15-20-0309-04-04aa) and explains “Discuss next step”

Kuramochi shows slides from opening report (15-20-0309-04-04aa) and explains the following schedule.

Deadline of the additional proposals: Dec 14th

JRE meeting: Dec 18th

Kuramochi shows slides from opening report (15-20-0309-04-04aa) and explains about January Interim sessions.

**Adjourn**

Motion to Agree to Adjourn TG4aa November Plenary Sessions.

Moved: Phil Beecher (Wi-SUN Alliance)

2nd: Clint Powell (PWC)

There is no discussion or objections.

Adjourning is approved by unanimous consent.