**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 January Virtual Interim Session Minutes** |
| Date Submitted | [21 January 2021] |
| Source | [Kiyoshi Fukui, OKI, Japan] | E-mail: [fukui535@oki.com] |
| Re: |  |
| Abstract | [IEEE 802.15 TG4aa JRE Acting Task Group Interim Session Call Minutes.] |
| Purpose | [Report of progress to WG.] |
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**12 January 2021 Virtual Interim Minutes - IEEE 802.15.4aa**

**Attendees (22):**

Takashi Kuramochi (Lapis)

Kiyoshi Fukui (OKI)

Phil Beecher (Wi-SUN)

Hiroshi Harada (Kyoto University)

Chris Calvert (L+G)

Yuki Matsumura (ROHM)

Hideyuki Kuribayashi (ROHM)

Jeng-Shiann Jiang (Vertexcom)

Yoshio Kashiwagi (Nissin Systems)

Ryota Okumura (Kyoto University)

Gary Stuebing (CISCO)

Henk de Ruijter (Silicon Labs)

Kunal Shah (Itron)

Takamitsu Hafuka (Lapis)

Ruben Salazar (L+G)

Harry Bims (Bims Laboratories)

Clark Palmer (Meteorcomm)

Huan-Bang Li (NICT)

Joe Polland

Oliver Holland

Ryuji Kohno

Tero Kivinen

**Tuesday 12 January 2021 18:00 EST**

18:10 EST: Kuramochi calls meeting to order and introduces opening report 15-21-0013-00-04aa

Kuramochi reads Administrative Items and introduces task group officers (15-21-0013-00-04aa).

Kuramochi reads Patent Policy and IEEE-SA Policy and Procedures (15-21-0013-00-04aa).

Opportunity for patent declarations: none are made

Kuramochi shows slides from opening report (15-21-0013-00-04aa) and explains recording attendance using IMAT.

Kuramochi shows slides from opening report (15-21-0013-00-04aa) and explains JRE schedule for the week.

Kuramochi shows slides from opening report (15-21-0013-00-04aa) and explains agenda.

Motion to approve Agenda

Moved: Kunal Shah (Itron)

2nd: Hiroshi Harada (Kyoto University)

There is no discussion or objections.

Agenda approved by unanimous consent.

Kuramochi shows November Plenary minutes (15-20-0353-00-04aa) and December conference call minutes (15-21-0010-00-04aa).

No discussion or objections, approved by unanimous consent.

**Review Technical Proposals**

Kuramochi shows slides from opening report (15-21-0013-00-04aa) and review consolidated Technical Proposal from Kyoto University and Lapis (15-20-0385-00-04aa).

**Draft discussion**

Kuramochi shows the draft plan(15-20-0396-00-04aa) and review the changes.

Kuramochi shows the TG4aa draft written by Kiyoshi Fukui and explain the amendments.

There are some discussions about table 10-14.

Kuramochi ask group member to review this draft before next session (13th/Jan/2021 PM3).

**Recess**

19:13 EST Meeting is recessed.

**13 January 2021 Virtual Interim Minutes - IEEE 802.15.4aa**

**Attendees (21):**

Takashi Kuramochi (Lapis)

Kiyoshi Fukui (OKI)

Phil Beecher (Wi-SUN)

Hiroshi Harada (Kyoto University)

Yuki Matsumura (ROHM)

Hideyuki Kuribayashi (ROHM)

Jeng-Shiann Jiang (Vertexcom)

Yoshio Kashiwagi (Nissin Systems)

Ryota Okumura (Kyoto University)

Gary Stuebing (CISCO)

Henk de Ruijter (Silicon Labs)

Kunal Shah (Itron)

Takamitsu Hafuka (Lapis)

Tero Kivinen

Ruben Salazar (Landis+Gyr)

Chris Calvert

Clark Palmer (Meteorcomm)

Hitoshi Tanaka (Lapis)

Nathan Clanney (Siemens)

Thomas Kumer

Seiji Nakanishi (Lapis)

**Wednesday 13 January 2021 18:00 EST**

18:05 EST: Kuramochi calls meeting to order and introduces opening report 15-21-0013-00-04aa

Kuramochi shows slides from opening report (15-21-0013-00-04aa) and explains recording attendance using IMAT.

Kuramochi shows slides from opening report (15-21-0013-00-04aa) and explains agenda.

Motion to approve Agenda

Moved: Kunal Shah (Itron)

2nd: Hiroshi Harada (Kyoto University)

There is no discussion or objections.

Agenda approved by unanimous consent.

**Draft discussion**

Kuramochi shows the draft (P802.15.4aa-D0) and hear comments.

There are both technical and editorial comments.

Kivinen explains his comments.

Henk explain his comments.

Kuramochi gather all the comments.

**Recess**

19:00 EST Meeting is recessed.

**19 January 2021 Virtual Interim Minutes - IEEE 802.15.4aa**

**Attendees (18):**

Takashi Kuramochi (Lapis)

Kiyoshi Fukui (OKI)

Phil Beecher (Wi-SUN)

Hiroshi Harada (Kyoto University)

Yuki Matsumura (ROHM)

Hideyuki Kuribayashi (ROHM)

Jeng-Shiann Jiang (Vertexcom)

Yoshio Kashiwagi (Nissin Systems)

Ryota Okumura (Kyoto University)

Gary Stuebing (CISCO)

Henk de Ruijter (Silicon Labs)

Kunal Shah (Itron)

Takamitsu Hafuka (Lapis)

Tero Kivinen (Self)

Ruben Salazar (Landis+Gyr)

Chris Calvert (Landis+Gyr)

Hitoshi Tanaka (Lapis)

Huan-Bang Li (NICT)

**Tuesday 19 January 2021 18:00 EST**

18:10 EST: Kuramochi calls meeting to order and introduces opening report 15-21-0013-01-04aa

Kuramochi shows slides from opening report (15-21-0013-01-04aa) and explains recording attendance using IMAT.

Kuramochi shows slides from opening report (15-21-0013-01-04aa) and explains updated agenda.

Motion to approve Agenda

Moved: Hiroshi Harada (Kyoto University)

2nd: Kunal Shah (Itron)

There is no discussion or objections.

Agenda approved by unanimous consent.

Kuramochi shows November Plenary minutes (15-20-0353-00-04aa) and December conference call minutes (15-21-0010-00-04aa).

Motion to approve Previous meeting minutes

Moved: Hiroshi Harada (Kyoto University)

2nd: Kunal Shah (Itron)

There is no discussion or objections.

Agenda approved by unanimous consent.

**Hear proposal from Kyoto University**

Harada shows slides (15-21-0056-00-04aa) and explained his proposals about channel assignment.

There are some discussions about his proposals.

**Draft1 discussion**

Kuramochi shows the draft(P802.15.4aa-D1) and explain updates from previous draft(P802.15.4aa-D0).

Additional comments came up for the draft(P802.15.4aa-D1).

Kuramochi informed that the draft will be updated based on today’s Kyoto University’s proposal and will be reviewed tomorrow’s meeting.

**Recess**

19:30 EST Meeting is recessed.

**20 January 2021 Virtual Interim Minutes - IEEE 802.15.4aa**

**Attendees (21):**

Takashi Kuramochi (Lapis)

Kiyoshi Fukui (OKI)

Phil Beecher (Wi-SUN)

Hiroshi Harada (Kyoto University)

Yuki Matsumura (ROHM)

Hideyuki Kuribayashi (ROHM)

Jeng-Shiann Jiang (Vertexcom)

Yoshio Kashiwagi (Nissin Systems)

Ryota Okumura (Kyoto University)

Henk de Ruijter (Silicon Labs)

Kunal Shah (Itron)

Takamitsu Hafuka (Lapis)

Tero Kivinen (Self)

Ruben Salazar (Landis+Gyr)

Hitoshi Tanaka (Lapis)

Huan-Bang Li (NICT)

A Rocha

Tetsushi Ikegami (Meiji University)

Chris Calvert

Huan-Bang Li (NICT)

Shoichi Kitazawa

**Wednesday 20 January 2021 18:00 EST**

18:05 EST: Kuramochi calls meeting to order and introduces opening report 15-21-0013-02-04aa

Kuramochi shows slides from opening report (15-21-0013-02-04aa) and explains recording attendance using IMAT.

Kuramochi shows slides from opening report (15-21-0013-02-04aa) and explains agenda.

**Draft discussion**

Kuramochi shows the draft(P802.15.4aa-D1-k1) which include Kyoto University’s proposal and explain updates from previous draft(P802.15.4aa-D1).

Additional comments came up for the draft(P802.15.4aa-D1-k1).

Kuramochi informed that the draft will be updated according to today’s comment.

**Next Step**

Kuramochi informed the topic of the next step as shown opening report (15-21-0013-02-04aa)

Kuramochi informed that TG4aa conference call will be held on EST 28th PM3 January and EST 4th PM3 Feburuary.

Kuramochi shows slides from opening report (15-21-0013-02-04aa) and explain plan for March plenary. TG4aa requires 3 slots for March plenary. The topic of the meeting will be draft discussion.

**Adjourn**

Moved: Shah Kunal (ITRON)

Second: Phil Beecher (Wi-SUN)

 There is no discussion or objections. The adjourn is approved unanimous consent.

19:30 EST Meeting is adjourned.