**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 March Virtual Plenary Session Minutes** | |
| Date Submitted | [16 March 2021] | |
| Source | [Kiyoshi Fukui, OKI, Japan] | E-mail: [fukui535@oki.com] |
| Re: |  | |
| Abstract | [IEEE 802.15 TG4aa JRE Acting Task Group Plenary Session Call Minutes.] | |
| Purpose | [Report of progress to WG.] | |
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**9 March 2021 Virtual Plenary Minutes - IEEE 802.15.4aa**

**Attendees (51):**

Takashi Kuramochi (Lapis)

Takamitsu Hafuka (Lapis)

Yoshio Kashiwagi (Nissin Systems)

Robert Muller (NV)

Carlos Aldana (Facebook)

Kiyoshi Fukui (OKI)

Hideyuki Kuribayashi (ROHM)

Benjamin Rolfe (Blind Creek Associates)

Clint Powell (Facebook)

Harry Bims(Bims Laboratories)

Jerome Henry (Cisco)

Riku Pirhonen (NXP)

Yong Liu (Apple)

Tetushi Ikegami (Meiji University)

Jeng-Shiann Jiang (Vertexcom)

A Rocha

Ann Krieger (US DoD)

Ayman Naguib

Chris Calvert(L+G)

Christy Bahn (IEEE-SA)

Clark Palmer (Meteorcomm)

Daoud Serang

Don Sturek (Itron)

Frank Leong (NXP)

Gary Stuebing

Hiroshi Harada (Kyoto University)

Hiroyuki Toda

Hitoshi Tanaka

Huan Bang Li (NICT)

Igor Dotlic (Qurvo)

James pace

Joe Polland

Juha Juntunen (Metercomm)

Kunal Shah (Itron)

Leohard Korowajczuk

Martin Paget

Nathan Clanney (Siemens Mobility, Inc)

Oliver Holland (AWTG)

Paul Bromley

Paul Kettle

Phil Beecher (Wi-SUN)

Ryota Okumura (Kyoto University)

Sang-Kyu Lim, ETRI

Seiji Nakanishi

Seong-Soon Joo

Suzuki

Taeyoung Ha (Samsung)

Tero Kivinen

Xiliang Luo (Apple)

Yuki Matsumura (Rohm)

再建学（脳機能診断）

**Tuesday 9 March 2021 18:00 EST**

18:10 EST: Kuramochi calls meeting to order and introduces opening report 15-21-0139-01-04aa

Kuramochi reads Administrative Items and introduces task group officers (15-21-0139-01-04aa).

Kuramochi reads Patent Policy and IEEE-SA Policy and Procedures (15-21-0139-01-04aa).

Opportunity for patent declarations: none are made

Kuramochi shows slides from opening report (15-21-0139-01-04aa) and explains recording attendance using IMAT.

Kuramochi shows slides from opening report (15-21-0139-01-04aa) and explains JRE schedule for the week (EST).

Kuramochi shows slides from opening report (15-21-0139-01-04aa) and explains agenda.

Motion to approve Agenda

Moved: Clint Powell (Facebook)

Second: Harry Bims (Bims Laboratories)

There is no discussion or objections.

Agenda is approved unanimous consent.

Kuramochi shows January Interim minutes and January, Feburuary and March conference call minutes.

[January Interim]  
January 12-24th: 15-21-0072-00-04aa  
[January/February/March meetings]  
January 28th: 15-21-0085-00-04aa  
February 1st: 15-21-0104-00-04aa  
February 12th: 15-21-0111-00-04aa  
February 19th: 15-21-0136-00-04aa  
March 5th: 15-21-0140-00-04aa

Agree to last meeting minutes

Moved: Clint Powell (Facebook)

Second: Ryota Okumura (Kyoto University)

There is no discussion or objections.

last meeting minutes are approved unanimous consent

**Draft discussion**

Kuramochi shows the draft (P802.15.4aa-D6.pdf) and review the changes.

Kuramochi explains Pre-ballot results of the draft. There were no comments about the draft.

**CA discussion**

Kuramochi shows slides from opening report (15-21-0139-01-04aa) and explains CAD status.

Rolfe explains about his contributions to the CAD.

**Recess**

Kuramochi informed that TG4aa meeting will recess until March 15 Monday.

19:00 EST Meeting is recessed.

**15 March 2021 Virtual Plenary Minutes - IEEE 802.15.4aa**

**Attendees (36):**

Takashi Kuramochi (Lapis)

Takamitsu Hafuka (Lapis)

Yoshio Kashiwagi (Nissin Systems)

Kenichi Mori

Kiran Thimme Gowda (NXP)

Kiyoshi Fukui (OKI)

Hideyuki Kuribayashi (ROHM)

Benjamin Rolfe (Blind Creek Associates)

Chunyu Hu (Facebook)

Harry Bims (Bims Laboratories)

Jeng-Shiann Jiang (Vertexcom)

A Rocha

Clark Palmer (Meteorcomm)

Daoud Serang

Federic Nabki (SPARK Microsystems)

Gary Stuebing (Cisco)

Henk de Ruijter (Silicon Labs)

Hiroshi Harada (Kyoto University)

Joe Polland

Juha Juntunen (Metercomm)

Kunal Shah (Itron)

Martin Paget

Mohammad Rahmani (SPARK Micorsystems)

Nicolas Paillusseau (SPARK Microsystems)

Oliver Holland (AWTG)

Paul Bromley

Phil Beecher (Wi-SUN)

Raphael Guimond (SPARK Microsystems)

Ryota Okumura (Kyoto University)

Seiji Nakanishi

Shoichi Kitazawa

Tero Kivinen

Xiliang Luo (Apple)

Ruben Salazar (Landis+Gyr)

Stephan Sand (German Aerospace Center DLR)

Cris Calvert

**Monday 15 March 2021 18:00 EDT**

18:05 EDT: Kuramochi calls meeting to order and introduces opening report 15-21-0139-02-04aa

Kuramochi shows slides from opening report (15-21-0139-02-04aa) and explains recording attendance using IMAT.

**Draft discussion**

Kuramochi shows the draft (P802.15.4aa-D6.pdf) and review the changes.

Kuramochi asked that if TG can define operating mode number #5,6,7 and 8.

There were some discussions about the numbering.

Finally, TG decided to proceed the draft without any modification.

**CA discussion**

Kuramochi shows CAD (15-21-0083-05-04aa) and explains the status.

Rolfe explains about his contributions to the CAD.

There were some comments about CAD.

Kuramochi informed that there will be some updates on CAD.

**Recess**

Kuramochi informed that TG4aa meeting will recess until March 16 Tuesday.

18:40 EDT Meeting is recessed.

**16 March 2021 Virtual Plenary Minutes - IEEE 802.15.4aa**

**Attendees (28):**

Takashi Kuramochi (Lapis)

Takamitsu Hafuka (Lapis)

Yoshio Kashiwagi (Nissin Systems)

Kenichi Mori

Kiyoshi Fukui (OKI)

KamranSayrafian

Hideyuki Kuribayashi (ROHM)

Benjamin Rolfe (Blind Creek Associates)

Chris Calvert

Jeng-Shiann Jiang (Vertexcom)

A Rocha

Dag T. Wisland (Nevelda)

Dominic Deslandes (SPARK Microsystems)

Henk de Ruijter (Silicon Labs)

Hiroshi Harada (Kyoto University)

Joe Polland

Kunal Shah (Itron)

Larry Zakaib (Spark Microsystems)

Leonhard Korowajczuk

Martin Paget

Matthias Wendt Signify

Paul Bromley

Phil Beecher (Wi-SUN)

Robert Muller

Ryota Okumura (Kyoto University)

suzuki

Stephan Sand (German Aerospace Centre DLR)

Ayman Naguib

**Tuesday 16 March 2021 18:05 EDT**

18:05 EDT: Kuramochi calls meeting to order and introduces opening report 15-21-0139-04-04aa

Kuramochi shows slides from opening report (15-21-0139-04-04aa) and explains recording attendance using IMAT.

**CA discussion**

Kuramochi shows CAD (15-21-0083-06-04aa) and explains the updates.

There are no comments on the updates

**TG Motion**

Kuramochi shows motion document (15-21-0086-03-04aa) and explain the motion.

TG Motion for Letter Ballot

Move that TG4aa formally request that the 802.15 WG start a WG Letter Ballot requesting approval of CA document [15-21-0083-06-04aa] and document P802-15-4aa\_D6 and to forward document P802-15-4aa\_D6, to Standards Association ballot

Moved: Ben Rolfe (Blind Creek Associates)

Seconded: Kunal Shah (ITRON)

Approved by unanimous consent

TG Motion for CRG formation

Move that TG4aa requests 802.15 WG approve the formation of a Comment Resolution Group (CRG) for the WG balloting of the P802.15.4aa\_D6 with the following membership: Takashi Kuramochi (Chair), Kunal Shah (ITRON), Hiroshi Harada (Kyoto University), Kiyoshi Fukui (OKI), and Henk de Ruijter (Silicon Labs). The 802.15.4aa CRG is authorized to approve comment resolutions, edit the draft according to the comment resolutions, and to approve the start of recirculation ballots of the revised draft on behalf of the 802.15 WG. Comment resolution on recirculation ballots between sessions will be conducted via reflector email and via teleconferences announced to the reflector as per the LMSC 802 WG P&P

Moved: Phil Beecher (Wi-SUN Alliance)

Seconded: Ben Rolfe (Blind Creek Associates)

Approved by unanimous consent

Kuramochi informed that above two motions are approved by TG, then move to WG motions in the closing plenary.

**Next Step**

Kuramochi shows slides from opening report (15-21-0139-04-04aa) talked about next steps.

Since Letter ballot requires 30 days to review the draft, so there are no action items for TG meeting before May Interim.

**May Interim**

Kuramochi shows slides from opening report (15-21-0139-04-04aa) and informs three TG4aa meeting will be planned in May interim, and he also explains the topic of the meeting will be as follows.

* Review comments on the ballot
* Amendment of the draft
* TG motion for Recirculation ballot.

**Any other business?**

Kuramochi asked the member if we have any other business to discuss. There were no additional items to discuss in the meeting.

**Adjourn**

Kuramochi asked somebody to move adjourn.

Moved: Phil Beecher (Wi-SUN Alliance)

Second: Kunal Shah (ITRON)

There is no discussion or objections. Adjourn is approved by unanimous consent.

18:40 EDT Meeting is adjourned.