**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 May Virtual Plenary Session Minutes** |
| Date Submitted | [21 July 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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**13 July 2021 Virtual Plenary Minutes - IEEE 802.15.4aa**

**Attendees (41):**

Takashi Kuramochi (Lapis)

Yoshio Kashiwagi (Nissin Systems)

Hideyuki Kuribayashi (ROHM)

Hiroshi Harada (Kyoto University)

Kiyoshi Fukui (OKI)

Kunal Shah (Itron)

Phil Beecher (Wi-SUN)

Tero Kivinen

Don Sturek (Itron)

Friedbert Berens (FBConsulting)

Harry Bims (Bims Laboratries)

Kai Lennert Bober (Fraudhofer HHI)

Kenichi Mori (self)

Shoichi Kitazawa (Muroran IT)

Yong Lie (Apple)

Jeng-Shiann Jiang (Vertexcom)

A rocha

Chris Calvert

Clint Powell (Facebook)

Dag T Wisland (Novelda)

Daoud Serang

Frank Leong (NXP)

Frederic Nabki (SPARK)

Gary Stuebing

Hyunseob OH (Samsung)

Iwao Hosako (NICT)

James pace

Joe Polland

Kamran Sayrafian

Norihiko Sekine

Oded Redlich (Huawei)

Paul Kettle

Ruben Salazar

Sang-Kyu Lim (ETRI)

Seong-Soon Joo

Shang-Te Yang

Takamitsu Hafuka (Lapis)

Tetushi Yamamoto

Thomas Almholt

Thomas Kurner

Yasuharu Amezawa

**Tuesday 13th July 2021 17:00 EDT**

17:04 EDT: Kuramochi calls meeting to order and introduces opening report 15-21-0366-01-04aa

Kuramochi reads Administrative Items and introduces task group officers (15-21-0366-01-04aa).

Kuramochi reads Patent Policy and IEEE-SA Policy and Procedures (15-21-0366-01-04aa).

Opportunity for patent declarations: none are made

Kuramochi shows slides from opening report (15-21-0366-01-04aa) and explains recording attendance using IMAT.

Kuramochi shows slides from opening report (15-21-0366-01-04aa) and explains JRE schedule for the week.

**Agenda**

Kuramochi shows slides from opening report (15-21-0366-01-04aa) and explains agenda.

Approval of the Agenda

Moved: Kunal Shah (Itron)

Second: Hiroshi Harada (Kyoto University)

There is no discussion or objections.

Agenda is approved unanimous consent.

**Last meeting minutes**

Kuramochi shows May Interim minutes (15-21-0315-00-04aa) and CRG meeting minutes on June 22nd (15-21-0336-01-04aa).

Approval of the last meeting minutes

Moved: Kunal Shah (Itron)

Second: Hiroshi Harada (Kyoto University)

There is no discussion or objections.

last meeting minutes is approved unanimous consent.

**Review and resolve WG ballot results (LB186)**

Kuramochi shows slides from opening report (15-21-0366-01-04aa) and explains the results as shown below.

Results of LB186 (P802.15.4aa-D08), Japanese Rate Extension amendment to IEEE 802.15.4-2020.

#LB183, LB185 and LB186 Aggregate Tally is as shown below.

* WG Voting membership: 93
* Responses: 65
* YES: 59
* ABSTAIN: 6
* No:0
* Response ratio:70%
* Approve ratio:100%
* Abstain ratio:9%
* There were no additional comments on the ballot 186.

**Next Steps**

Kuramochi shows slides from opening report (15-21-0366-01-04aa) and explains SA ballot as Next Steps. There is some discussion about SA ballot.

**TG Motions**

Kuramochi shows slides from motion document (15-21-0367-01-04aa) and explains TG motions.

**TG Motion for Standards Association ballot Initiation**

*Motion:Task Group TG4aa requests 802.15WG to review and approve the CSD [15-20-0319-00-04aa], and the CA document [15-21-0083-08-04aa]; and requests unconditional approval from the EC to submit P802.15.4aa\_D8 to Standards Association ballot.*

Moved: Kunal Shah (ITRON)

Seconded: Clint Powell (Facebook)

There is no discussion or objections.

The motion is approved unanimous consent

**TG Motion for CRG formation**

*Task Group TG4aa requests 802.15WG to approve the formation of a Comment Resolution Group (CRG) for the Standards Association balloting of the P802.15.4aa\_D8 with the following membership: Kuramochi(Chair), Harada, Shah, Ruijter, and Fukui. 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:Hiroshi Harada(Kyoto University)

Seconded: Kunal Shah (ITRON)

There is no discussion or objections.

The motion is approved unanimous consent

**SA ballot package discussion**

In order to initiate SA ballot as earlier as possible, EC package have to be prepared.

In the following sessions, TG4aa continues to review EC package documents.

**Recess**

Kuramochi informed that EC package documents will be reviewed on the TG4aa Session2 July 15th Thursday EV1.

17:50 EDT Meeting is recessed.

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

**Attendees (27):**

Takashi Kuramochi (Lapis)

Kiyoshi Fukui (OKI)

Kunal Shah (Itron)

Phil Beecher (Wi-SUN)

Tero Kivinen

Yoshio Kashiwagi (Nissin Systems)

Harry Bims (Bims Laboratories)

Jerome Henry (Cisco)

Kenichi Mori (Self)

Yong Lie (Apple)

Jeng-Shiann Jiang (Vertexcom)

Bernhard Gorbwindhager (NXP)

Bin Tian (Qualcomm)

Gary Stuebing

Ghiath Rias AI-Kadi (NXP)

Hiroshi Harada (Kyoto University)

Hyunseob OH (Samsung)

James Pace

Juha Juntunen (Meteorcomm)

Norihiko Sekine (NICT)

Ruben Salazar

Chimi Chilo (Huawei)

Taeyoung Ha (Samsung)

Takamitsu Hafuka (Lapis)

Tetsushi Yamamoto

Thomas Almholt

Vamsi Amalladinne (Qualcomm)

**Thursday 15th July 2021 17:00 EDT**

17:04 EDT: Kuramochi calls meeting to order and introduces opening report 15-21-0366-03-04aa

Kuramochi shows slides from opening report (15-21-0366-03-04aa) and explains recording attendance using IMAT.

**Current Status**

Kuramochi shows slides from opening report (15-21-0366-03-04aa) and explains the current status of the SA ballot preparations.

* Invitation of the SA ballot: done
(will be closed on Friday13th August)
* EC package: will be review today.
* MEC review application:? Need to ask Pat how to proceed it.

**Review EC package (15-21-0383-01-04aa)**

Kuramochi shows slides from report-to-ec-on-unconditional-approval-to-go-to-sa-ballot (15-21-0383-01-04aa) and explains contents.

**“Unsatisfied Technical comments by “No” voting commenter”** in slide 7 was corrected by the members.

“**Unsatisfied Technical Comments in Categories”** in slide 8 was corrected by the members.

“**Unsatisfied comments from LB186”** in slide9 was corrected by the members.

“**TG15.4aa Timeline”** was updated by the members.

**MEC review**

Some members advices how to proceed MEC review.

Kuramochi will ask Pat about the MEC review.

**Plan for September Interim**

SA ballot will close 15th September on best case. Kuramochi announced that TG4aa will review & resolve SA ballot results on September Interim.

Kuramochi announced that TG4aa meeting will be planned three slots.

**Next Steps**

Kuramochi shows slides from opening report (15-21-0366-03-04aa) and explains plan for next session on 19th July.

Kuramochi announced that he will inform the status of SA ballot preparation.

**Recess**

17:50 EDT Meeting is recessed.

**19 July 2021 Virtual Plenary Minutes - IEEE 802.15.4aa**

**Attendees (21):**

Takashi Kuramochi (Lapis)

Kiyoshi Fukui (OKI)

Kunal Shah (Itron)

Pat Kinney (Kinney Consulting)

Clint Powel (Facebook)

Yoshio Kashiwagi (Nissin Systems)

Kenichi Mori (Self)

Jerome Henry (Cisco)

Bernhard Grobwindhager (NXP)

Gary Stuebing

Hiroki Saito

Hiroshi Harada (Kyoto University)

Kiyoshi Tada

Norihiko Sekine (NICT)

Phil Beecher (Wi-SUN)

Taeyoung Ha (Samsung)

Takahiro Sato

Tero Kivinen

Thomas Almholt

Vamsi Amalladinne (Qualcomm)

Yasuharu Amezawa

**Monday 19th July 2021 17:00 EDT**

17:04 EDT: Kuramochi calls meeting to order and introduces opening report 15-21-0366-05-04aa

Kuramochi shows slides from opening report (15-21-0366-05-04aa) and explains recording attendance using IMAT.

**Current Status**

Kuramochi shows slides from opening report (15-21-0366-05-04aa) and explains the current status of the SA ballot preparations.

* Invitation of the SA ballot: done
(will be closed on Friday13th August)
* EC package: done 16th July
* MEC review: Submission has been done 16th July
(will be closed on Sunday 15th August)
* Plans CRG meeting on 5th August and 12th August
(if comments received on MEC review)
* Expect to start SA ballot on Monday 16th August
(will be closed on 15th September)

**Review EC package (15-21-0383-02-04aa)**

Kuramochi shows slides from report-to-ec-on-unconditional-approval-to-go-to-sa-ballot (15-21-0383-02-04aa) and explains contents.

**MEC review**

Kuramochi shows slides from opening report (15-21-0366-05-04aa) and explains the status of MEC review. (MEC review started on 16th July).

**Plan for September Interim**

SA ballot will close 15th September on best case. Kuramochi announced that TG4aa will review & resolve SA ballot results on September Interim.

Kuramochi announced that TG4aa meeting will be planned three slots.

**Next Steps**

Kuramochi shows slides from opening report (15-21-0366-05-04aa) and explain the plan for future meetings.

**Adjourn**

17:20 EDT Meeting was adjourned.

Moved: Kunal Shah (ITRON)

Second: Clint Powell (Facebook)

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