

**March 2, 2016**

**IEEE P802. 15-15-0809-03-004m**

**IEEE P802.15**

**Wireless Personal Area Networks**

---

|                |   |                           |   |
|----------------|---|---------------------------|---|
| Project        | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)  |                           |   |
| Title          | Task Group 3m Minutes, meeting and conference calls.  |                           |   |
| Date Submitted | March 2016  |                           |   |
| Source         | [James Gilb]<br>[]<br>[San Diego, CA]   | Voice:<br>Fax:<br>E-mail: | [858-229-4822]<br>[]<br>[last name at ieee dot org] |
| Re:            |   |                           |   |
| Abstract       | Task Group minutes for BRC conference calls.  |                           |   |
| Purpose        |   |                           |   |
| Notice         | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |                           |   |
| Release        | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15.   |                           |   |

---

**March 2, 2016**

**IEEE P802. 15-15-0809-03-004m**

**IEEE Project 802  
Working Group 15, Task Group 3m  
802.15.3RevA project**

**March 2, 2016, Conference call**

**21:00**

All times Pacific Standard Time unless otherwise noted.

Attendees: James Gilb, Ko Togashi, Andy Estrada, Thomas Kuener, Ben Rolfe

Meeting called to order at 21:09 by the TG3m chair, James Gilb

Gilb reminded the attendees that this meeting is covered by the IEEE SA patent policy, which is found at <http://standards.ieee.org/board/pat/pat-slideset.ppt>.

Gilb asked if any of the participants were aware of any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard.

No responses were received.

Gilb presented the agenda:

Agenda:

- Resolve comments from SB recirculation letter ballot (DCN 15-16-0170-01-003m).
- Authorize subsequent sponsor recirculation ballot

Gilb asked if there was any objection to approving the agenda. Hearing no objections, the agenda was approved by unanimous consent.

Begin discussion of document 15-15-0170-00

The Chair asked if there were any comments on the document.

There were comments on the resolution document.

Moved: The BRC approves the resolutions presented in 15-16-0170-01-003m for the comments received in IEEE 802.15 Sponsor recirculation ballot 2.

Moved: Rolfe, Second Estrada

No discussion, no objection, motion is approved by unanimous consent.

Moved: The BRC approves the start of a third Sponsor recirculation ballot on 802.15.3RevA-D02.pdf.

Moved: Kuerner, Second Rolfe

No discussion, no objection, motion is approved by unanimous consent.

There being no other business, the meeting was adjourned at 21:13.

**March 2, 2016**

**IEEE P802. 15-15-0809-03-004m**

**February 15, 2016, Conference call**

**21:00**

All times Pacific Standard Time unless otherwise noted.

Attendees: James Gilb, Pat Kinney, Ben Rolfe, Ko Togashi, Thomas Kuener, Andy Estrada

Meeting called to order at 21:08 by the TG3m chair, James Gilb

Gilb reminded the attendees that this meeting is covered by the IEEE SA patent policy, which is found at <http://standards.ieee.org/board/pat/pat-slideset.ppt>.

Gilb asked if any of the participants were aware of any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard.

No responses were received.

Gilb presented the agenda:

Agenda:

- Resolve comments from SB recirculation letter ballot (DCN 15-16-0152-00-003m).
- Authorize subsequent sponsor recirculation ballot

Gilb asked if there was any objection to approving the agenda. Hearing no objections, the agenda was approved by unanimous consent.

Begin discussion of document 15-15-0152-00

The Chair asked if there were any comments on the document.

One change to r01-11, should be "i-9, i-10, i-11"

Document will be updated to revision 01.

Kuerner stated that the constellation diagram was now correct for 64-QAM.

There were no further comments on the resolution document.

Moved: The BRC approves the resolutions presented in 15-16-0152-01-003m for the comments received in IEEE 802.15 Sponsor recirculation ballot 1.

Moved: Rolfe, Second Kinney

No discussion, no objection, motion is approved by unanimous consent.

Moved: The BRC approves the start of a second Sponsor recirculation ballot on 802.15.3RevA-D01.pdf.

Moved: Kuerner, Second Kinney

No discussion, no objection, motion is approved by unanimous consent.

There being no other business, the meeting was adjourned at 21:26.

**March 2, 2016**

**IEEE P802. 15-15-0809-03-004m**

**January 19, 2016, Atlanta, GA**

**13:30-15:30**

All times Eastern Standard Time unless otherwise noted.

Attendance was recorded by the imat system (<http://imat.ieee.org>).

Meeting called to order 10:30 by TG3m chair, James Gilb

Chair presented 15-16-0039-00, agenda

The TG reviewed the comments in 15-16-0041-01.

Resolutions are recorded in 15-16-0041-02.

Meeting was recessed by the chair at 12:30

**January 18, 2016, Atlanta, GA**

**10:30-12:30**

All times Eastern Standard Time unless otherwise noted.

Attendance was recorded by the imat system (<http://imat.ieee.org>).

Meeting called to order 10:30 by TG3m chair, James Gilb

Chair presented 15-16-0039-00, agenda

Motion to approve the agenda, moved Kuhner, second Kivinen

No discussion

No objections, agenda is approved by unanimous consent.

The Chair reminded the attendees that this meeting is covered by the IEEE SA patent policy, and showed the IEEE SA patent slides, which can be found at <http://standards.ieee.org/board/pat/pat-slideset.ppt>.

The Chair asked if any of the participants were aware of any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard

No responses were received.

Motion to approve the minutes of the November meeting and November BRC call, document 15-15-0809-02.

Moved Kuhner, second Kivinen

No discussion

No objections, the minutes are approved by unanimous consent.

The TG reviewed the comments in 15-16-0041-00.

**March 2, 2016**

**IEEE P802. 15-15-0809-03-004m**

Resolutions are recorded in 15-16-0041-01.

Move to request that 802.15 WG authorize a recirculation Sponsor Ballot on document 802.15.3RevA-D00.pdf, edited in accordance with the instructions in document 15-16-0715-02-003m.

Moved Rolfe, second Estrada

No discussion

No objections, motions passed by unanimous consent.

Move to request that 802.15 WG approve the formation of a Ballot Resolution Committee (BRC) for the WG balloting of the 802.15.3RevA draft standard with the following membership: James Gilb (Chair), Thomas Kuerner, Andrew Estrada, Ko Togashi, Ben Rolfe, Pat Kinney. The 802.15.3m BRC is authorized to approve comment resolutions and to approve the start of recirculation ballots of the 802.15.3RevA 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 at least 7 days in advance.

Moved Kuerner, second Togashi

There was no other business

There was no objection to adjourning.

Meeting was recessed by the chair at 12:30.

## **November 18, 2015, Conference call**

### **22:00**

All times Pacific Standard Time unless otherwise noted.

Attendees: James Gilb, Thomas Kuerner, Ko Togashi

Meeting called to order at 22:05 by the TG3m chair, James Gilb

Gilb reminded the attendees that this meeting is covered by the IEEE SA patent policy, which is found at <http://standards.ieee.org/board/pat/pat-slideset.ppt>.

Gilb asked if any of the participants were aware of any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard.

No responses were received.

Gilb presented the agenda:

Agenda:

- Resolve comments from WG recirculation letter ballot (DCN 15-15-0960-01-003m).
- Authorize subsequent ballot (recirculation letter ballot or Sponsor ballot)

Gilb asked if there was any objection to approving the agenda. Hearing no objections, the agenda

**March 2, 2016**

**IEEE P802. 15-15-0809-03-004m**

was approved by unanimous consent.

Begin discussion of document 15-15-0960-01

The Chair asked if there were any comments on the document.

There were comments on the resolution document.

Moved: The BRC approves the resolutions presented in 15-15-0960-01-003m for the comments received in IEEE 802.15 WG recirculation ballot LB112.

Moved: Kuerner, Second Togashi

No discussion, no objection, motion is approved by unanimous consent.

Moved: The BRC approves the start of a second WG recirculation ballot on 802.15.3RevA-DF2.pdf. If comments 1 and 2 from the first recirculation are withdrawn by the commenter, the BRC approves the start of Sponsor Ballot for 802.15.3RevA-DF2.pdf.

Moved: Kuerner, Second Togashi

No discussion, no objection, motion is approved by unanimous consent.

There being no other business, the meeting was adjourned at 22:12.

**November 11, 2015, Dallas TX**

**16:00-18:00**

All times Central Standard Time, unless otherwise noted.

Meeting called to order at 16:00 by the TG3m chair, James Gilb

The Chair reminded the attendees that this meeting is covered by the IEEE SA patent policy, and showed the IEEE SA patent slides, which can be found at <http://standards.ieee.org/board/pat/pat-slideset.ppt>.

The Chair asked if any of the participants were aware of any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard

No responses were received.

The Chair presented the agenda, 15-15-0831-00-003m. Some changes were made to the agenda as there was only one meeting, not two. The updated agenda was posted as 15-15-0831-01-003m.

Motion to approve the agenda by Kuerner, second by Estrada

No further discussion on the motion

The Chair asked if there was any objection to approving the agenda. Hearing no objections, the agenda was approved by unanimous consent.

Motion to approve the minutes from the Bangkok meeting and BRC conference call in document 15-15-0809-00-003m. Moved by Rolfe, second by Estrada

**March 2, 2016**

**IEEE P802. 15-15-0809-03-004m**

No discussion on the motion.

The Chair asked if there was any objection to approving the motion. Hearing no objections, the motion was approved by unanimous consent.

The Chair stated that no comments have been received on the current recirculation, which ends on 13 November, 2015. The Chair stated that conditional approval for Sponsor ballot, liaising the draft to ISO/IEC under the PSDO agreement and the composition of the BRC were all approved during the 802.15 mid-week plenary.

Future conference call was scheduled for 18 November, 2015, 22:00-23:00 PST (19 November, 2015 6:00-7:00 CET, 14:00-15:00 JST), Agenda is to Resolve comments from WG letter ballot.

Subsequent ones, if needed, will be at the same time on 7 December 2015 and 4 January, 2016. The 4 January call may be held to resolve Sponsor ballot comments.

The report for the meeting is in document 15-15-0912-01-003m-November-2015-report.pdf.

There was no further business.

There was no objection to adjourning the meeting, the meeting was adjourned at 16:35

Attendance recored on <http://imat.ieee.org>

**October 28, 2015, 2200-2300, conference call.**

All times Pacific Daylight Time (PDT) unless otherwise noted.

BRC members: James Gilb, Andy Estrada, Ko Togashi, Pat Kinney, Thomas Kuerner

Other attendees: None

Meeting called to order at 22:00 by the TG3m chair, James Gilb

Gilb reminded the attendees that this meeting is covered by the IEEE SA patent policy, which is found at <http://standards.ieee.org/board/pat/pat-slideset.ppt>.

Gilb asked if any of the participants were aware of any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard

No responses were received.

Gilb presented the agenda:

Agenda:

- Discuss proposed comment resolutions (15-15-0781-00)

Gilb asked if there was any objection to approving the agenda. Hearing no objections, the agenda was approved by unanimous consent.

Begin discussion of document 15-15-0781-00

Editorial change in CID 24, change "I started" to be "is started"

**March 2, 2016**

**IEEE P802. 15-15-0809-03-004m**

Rolfe comment CID 26: Is it revised? Yes, there is a change to that section.

CID 28: Change to Revise, Add a statement to Clause 4 in an appropriate location: "Unless otherwise specified, the term increment or incremented means to increase a number by one."

Rolfe comment CID 36: Should it be rejected? Yes, it should be rejected.

Estrada comment CID 37: Editorial? Missing space between "an" and "identifier"

Gilb asked if there were any other CIDs that had issues.

No other CIDs were identified

Request to editor to verify that CTA is spelled out on first usage, Gilb will check to make sure first usage is spelled out.

Gilb asked if there was any objections to approving the comment resolutions and starting recirculation. There was no objection.

Meeting adjourned at 22:14

**September 15, 2015, 13:30-15:30, Bangkok, Thailand**

All times local time.

Meeting called to order at 13:30 by the TG3m chair, James Gilb

Gilb reminded the attendees that this meeting is covered by the IEEE SA patent policy, which is found at <http://standards.ieee.org/board/pat/pat-slideset.ppt>.

Gilb asked if any of the participants were aware of any patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard

No responses were received.

Gilb presented the agenda:

Agenda:

- 1.0 Call meeting to order
- 1.1 Approve agenda (15-15-0690-00, slide 2)
- 1.2 Patent policy
- 1.3 Call for volunteers, Vice Chair, Secretary
- 2.0 Review comments received in comment collection.
- 3.0 Motion to recommend WG form BRC
- 3.1 Motion to recommend WG start letter ballot
- 4.0 Adjourn

Gilb asked if there was any objection to approving the agenda. Hearing no objections, the agenda



**March 2, 2016**

**IEEE P802. 15-15-0809-03-004m**

was approved by unanimous consent.

No volunteers for Vice Chair or Secretary

Chair presents document 15-15-0715-00

Resolutions are adopted for comments

Some new comments were added and resolutions written into the document. The document is updated to 15-15-0715-02.

Move to request that the WG start WG letter ballot to forward 802.15.3RevA-DF1.pdf to Sponsor ballot.

Moved Heile, seconded Kuerner

No objections, motion passes

Discussed formation of BRC. Gilb requested that interested parties notify him and he will bring a motion to the WG closing.

Schedule for BRC conference calls:

28 October, 2015, 22:00-23:00 PDT

- 29 October, 2015 6:00-7:00 CET, 14:00-15:00 JST)
- Agenda
  - Resolve comments from WG letter ballot

4 November, 2015, 21:00-22:00 PDT

- 4 November, 2015 6:00-7:00 EST, 13:00-14:00 JST
- Agenda
  - Resolve comments from WG letter ballot

Adjourn, 2:15 pm local time.

Attendance recored on <http://imat.ieee.org>