**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | TG3e December 2015 and January 2016 teleconference minutes |
| Date Submitted | 15 January 2016 |
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| Re: |  |
| Abstract | Meeting notes on the 802.15 TG3e Teleconferences |
| Purpose | Minutes |
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**Minutes of the TG3e teleconferences (December 2, 9, and 16 and January 6)**

**December 2 teleconference:**

- The teleconference was called to order at 20:05, December 2, 2015 EST.

-Patent policy

 No discussion followed.

- Review of the TG comment collection & review schedule
 ([STDS-802-15-3e] Start of informal comment submission period from Ko Togashi)

No question and discussion followed.

- Work on first comments, on MAC sections, collected until December 2.

#1001-1007 from Akiyama:

 Jason Lee wants to know about detail of the comment. Akiyama will provide another document to describe the proposed text change of his comments.

#1008 from Hiraga:

Adding Ack policy field in each Array training command. Hiraga will divide into three comments.

#1009- from Jason Lee

As for Security part Jason Lee would present material for explaining CCM and GCM.

- Straw poll on including security.

“Do you believe the spec should include some type of security?”

Results: Yes/No/Abstain = 6/1/2.

- Action items and progress

 Viewing action items sheet, confirm the status of each progress.

- Schedule for Dallas meeting.

 Estrada proposed schedule for Dallas meetings, to share the draft before November 6. No objection followed.

 Draft files have to be shared on the members area.

 Supporting materials should be uploaded on mentor.

- Recess at 21:05 EST.

**December 9 teleconference:**

- The teleconference was called to order at 21:06, December 9, 2015 EST.

-Patent policy

 No discussion followed.

- Second TG comment collection and resolutions.

 -#2001 - 2003 from Jason Lee

 -#2004 - 2007 from Kondou

 -#2008 - 2010 from Hiraga Accepterd, Hiraga will edit the proposed change parts and will make comment for the MAC section to add the description of Array trainig feedback.

 -#2011 - 2040 by Estrada

- Keiji Akiyama, "Proposed comment resolution for Higher layer protocol setup description," (15-15-0977r00)

 Provided a proposed resolution to comment CID #1001 with text change for a new section.

- Recess at 22:06 EST.

**December 16 teleconference:**

- The teleconference was called to order at 21:06, December 17, 2015 EST.

-Patent policy

 No discussion followed.

- Comments from Akiyama

-Comments from Hiraga

All were accepted.

-MAC modification in terms of Array training feedback is presented in “Proposed change in MIMO Array training feedback command in the MAC section,” (15-15-0982r00)

This proposed change will be modified and its change will be accepted.

-Comment from Jason Lee

 Proposed security descriptions change with, “Security considerations for 15.3e,” (15-15-0981r00), accepted.

- Drafting procedure

 PHY: Jason, Kondou and Hiraga will work together via e-mail before completion of MAC sections.

 MAC have

- Recess at 22:09 EST.

**January 6 2016 teleconference:**

- The teleconference was called to order at 21:00, January 6, 2016 EST.

- Agenda items confirm

-Patent policy

 No discussion followed.

- Current status of draft, Togashi

- Proposal on updating security, (Jason) Lee for Section 9a.2. and section 8.

- Proposal on updating subframe bit padding for section 6.4.11, (Jason) Lee

 This would be incorporated in the draft at Atlanta meetings.

- Review the Agenda for the Atlanta meetings (15-16-0003r00).

 Main objective is the approval for starting the working group letter ballot.

- Recess at 22:00 EDT.

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Participants in the teleconferences:

Andrew Estrada

Hiroyuki Matsumura

Itaru Maekawa

Jae Seung Lee

Keiji Akiyama

Keitarou Kondou

Ken Hiraga

Ko Togashi