**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 November** Meeting Minutes |
| Date Submitted | 17 November 2015 |
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| Re: |  |
| Abstract | Meeting notes on the 802.15 **TG3e November** Meeting |
| Purpose | Meeting Minutes |
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**Minutes of the November 2015 TG3e Meetings**

The **TG3e** session was held on November 9-12 2015 at Hyatt Regency Dallas.

**<<Meeting #1 Tue AM1>>**

Meeting was called to order at 8:00.

- The patent policy was mentioned and no patent contributions were discussed.

- Approval of meeting minutes of the last meeting and teleconferences (15-15-0694r00，15-15-0818r00).

Approved with unanimous consent.

- Approval of the agenda (15-15-0810r02).

Revision: Makoto Noda would have presentation about subframe length and spectrum mask at Wed AM2.

Revised agenda was approved, with unanimous consent.

- Discussion on the terminology

Some candidates are proposed by Andrew Estrada.Naming of the point-to-point HRCP network and differentiation from piconet and ordinal term, “point-to-point”.

Straw poll 1

Do you prefer to describe the new topology P2Pnet or HRCP \*\*\*?: HRCP

Straw poll 2

Do you prefer:

HRCP 11

CP link 10

TG is continuing the discussion on that.

- Status of the draft spec by Ko Togashi

 Reviewed the status of making the draft.

Recess at 10:00.

**<<Meeting #2, Tue AM2>>**

Meeting was called to order at 10:30.

**Contribution #1:**

Itaru Maekawa, ”Proposal for IEEE802.15.3e – MAC Aggregation and Retransmission”(15-15-0836r00)

Proposed:

- Adding Buffer empty flag for Frame aggregation.

- Low latency Power saving mechanism

- Setting of RIFS (Recovery inter frame spacing) length

**Contribution #2:**

Ken Hiraga, Hideki Toshinaga, “Proposal for IEEE802.15.3e - PHY MIMO supporting material (15-15-0891r00),”

Antenna training sequence and preambles are　discussed. Some part have to be more precise data and will presented in the TG conference calls.

Recess at 12:30.

**<<Meeting #3, Wed AM1>>**

Meeting was called to order at 8:00.

- The patent policy was mentioned and no patent contributions were discussed.

- Addition on the agenda

 Insert “ Response to FCC NPRM” in this meeting.

Approved without objections.

-Response to FCC NPRM

TG Motion on “Text for Response to FCC NPRM,”15-15-0909r00.

Motion: *“request that the text proposal contained in 15-15-0909-01-003d-text-for-response-to-fcc-nprm be approved for submission to the WG for its approval and further submission to 802.11 and 802.18.”*

Moved by Ken Hiraga, seconded by Iwao Hosako,

Motion carried with: Yes/No/Abstain = 15/0/0.

**Contribution #3:**

Makoto Noda, ” Spectral mask for 60 GHz in ITU-R” (15-15-0896r01)

A technical contribution to help for defining spectral masks in TG3e.

**Contribution #4:**

Kiyoshi Toshimitsu, ” 15.3e MAC” (15-15-0917r00)

Recess at 10:00.

**<<Meeting #4, Thu AM1>>**

Meeting was called to order at 8:00.

- The patent policy was mentioned and no patent contributions were discussed.

**Contribution #5:**

Jae Sung Lee, “Supporting material for ATP and Expected RSSI,” (15-15-0931r00)

Presented supporting material for ATP and Expected RSSI to improve IEEE 802.15.3e Draft.

**Contribution #6:**

Jae Sung Lee, “Supporting material for OOK PHY,” (15-15-0932r00)

Presented supporting material for OOK PHY to improve IEEE 802.15.3e Draft.

Recess at 10:00.

**<<Meeting #5, Thu AM2>>**

- Meeting was called to order at 10:35.

- The patent policy was mentioned and no patent contributions were discussed.

- Listening contributions:

**Contribution #7:**

Makoto Noda, “Optimum length of subframe for TG3e,”(15-15-0930r01).

For supporting to determining the maximum subframe length, length of 8192 octets will be optimum.

- Recess at 11:25.

**<<Meeting #6, Thu PM2>>**

- Meeting was called to order at 16:00.

- Confirm actions for revising draft and during conference calls in December.

- Discussion on action items on the draft and its supporting materials.

- Confirmed and assigned members action items.

-Plan for conference calls plan before November session

Four conference calls schedule below are approved by unanimous consent.

2015/12/02 20:00-21:00 EST, (2015/12/03 10:00-11:00 JST and KST),

2015/12/09 20:00-21:00 EST, (2015/12/10 10:00-11:00 JST and KST),

2015/12/16 20:00-21:00 EST, (2015/12/17 10:00-11:00 JST and KST), and

2016/01/06 20:00-21:00 EST, (2016/01/07 10:00-11:00 JST and KST).

 Agenda for conference calls:

 - Comment resolution

 Comments for the draft should be collected to Ko Togashi before 12/1 23:59 EST.

 All TG comments have to be resolved by 6 January.

- Goals for January session

- Complete 1st draft of spec

- Unify the different sections into a single document

- Resolve remaining TG comments

Adjourned at 17:31.

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**Summary of the week**

**Tasks completed during the meeting:**

- 8 contributions as revisions of draft and supporting material.

- Actions for drafting were confirmed and planned to be done.

- Conference call plan was approved.

**Next steps:**

* **Before January 2016 session**
* Through 3 conference calls, assignments for each presenter, revision of drafting.
* Drafting
* **January 2016 session ( 2016/1/18-21)**
* Approve the draft in the task group
* Start Letter Ballot