**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 March 2016 Meeting Minutes | |
| Date Submitted | 17 March 2016 | |
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| Re: |  | |
| Abstract | This document provides TG3e March 2016 Meeting Minutes. | |
| Purpose | Meeting Minutes | |
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**TG3e March 2016 Meeting Minutes**

The TG3e meetings were held on 14-17 March 2016 at Venetian Macau.

**<<Meeting #1 Mon PM2>>**

* Meeting was called to order at 16:07.
* The patent policy was mentioned and no patent contributions were discussed.
* Approval of meeting minutes from the last meetings (15-16-0068r00)   
  and from conference calls (15-16-0165r00).
  + Approved by unanimous consent.
* Approval of the agenda for this week (15-16-0183r01)
  + Approved by unanimous consent
* Comment resolutions:
  + **Contribution #1:**
    - Ken Hiraga, “Proposed resolution to MIMO Array training feedback command in the MAC section,” (15-16-0187r00)
    - Would be modified and uploaded as r01.
  + **Contribution #2:**
    - Ken Hiraga, “Proposed resolution to MIMO Array training feedback command in the PHY section,” (15-16-0188r00)
    - Modified. This would be updated to describe the timeout and retransmissions.
* Recess at 18:03.

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

* Meeting was called to order at 10:30.
  + The patent policy was mentioned and no patent contributions were discussed.
  + Comment resolutions:
  + **Contribution #3:**
    - Keitarou Kondou, “Resolution on comment #11 for preamble selection,” (15-16-0235r01)
    - Proposed resolution to CID11
  + **Contribution #4:**
    - Keitarou Kondou, “Resolution on comment #42, #44 and #45 for HRCP-SC PHY,” (15-16-0236r01)
    - Proposed resolutions to CID#42, #44 and #45 for HRCP-SC PHY
* Resolve remaining comments
  + - Reviewed remaining comments
    - Discussions on the definitions of HRCP
* Recess at 12:45.

**<<Meeting #3, Wed PM1>>**

* Meeting was called to order at 13:30.
* The patent policy was mentioned and no patent contributions were discussed.
* Comment resolutions:
  + CID#85,#86 definitions of the terms related to describe network or elements in 15.3e system
    - New terms are proposed:
      * “pairnet" which indicates a relationship
      * “HRCP DEV” which indicates a device
      * “HRCP PNC” which indicates a function
    - For use of 15.3e MAC in other specifications (e.g., 15.3d), the TG defined them carefully. For example, THz DEV (that will be defined in 15.3d) can be a member of a pairnet.
  + Other comments
* Recess at 15:30.

**<<Meeting #4, Wed PM2>>**

* Meeting was called to order at 16:00.
* The patent policy was mentioned and no patent contributions were discussed.
* Comment resolutions
  + Resolutions to other comments
  + **Contribution #5:**
    - Jae Seung Lee, “Comment resolution on Security CIDs,” (15-16-0264r00)
    - Proposed resolutions to the technical comments about security, CID#74,#75, #76, #77, #79, #80, #104.
    - Approved version is r01.
    - This documents (15-16-0264r01) had been corrected Thu PM1 by Lee, reviewed and has been uploaded as r02.
* Recess at 12:56.

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

* Meeting was called to order at 8:07.
* The patent policy was mentioned and no patent contributions were discussed.
* Comment resolutions
  + Comment about terms, CID #85 (piconet and pairnet) accepted and resolved with the commenter.
  + **Contribution #6**
    - Itaru Maekawa, “Resolution on comment #20,22 and 30,” (15-16-0284r00)
    - Proposed comment resolution to CID#12 for longer information
  + **Contribution #7~#9**
    - Ko Togashi, “Resolution of comment #12,” (15-16-0273r00)
    - Proposed comment resolution to CID#12 for longer information elements (IEs) in Beacon and Association request commands.
    - Ko Togashi, “Resolution of comment #13,” (15-16-0274r00)
    - Ko Togashi, “Resolution of comment #25,” (15-16-0275r00)

Recess at 10:00.

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

* Meeting was called to order at 10:30.
* The patent policy was mentioned and no patent contributions were discussed.
* Time slot addition
  + Cancelled TG3d’s PM1 time slot was replaced with an additional TG3e meeting.
* Re-approval of minutes from teleconferences (15-16-0165r01)
  + Errors found in minutes r00 after approval at the Monday meeting.
  + Approved by unanimous consent.
* Approval of the ballot resolution committee (BRC) members
  + BRC Members are Andrew Estrada (the BRC chair), Ko Togashi, Itaru Maekawa,   
    Jae Seung Lee, Keitarou Kondou and Ken Hiraga.
  + Approved by unanimous consent.
* BRC teleconference schedule
  + 4 calls between now and May session.
  + Call 1: Wednesday 30 March 21:00 ~ 23:00 PDT
  + Call 2: Wednesday 13 April 21:00 ~ 23:00 PDT
  + Call 3: Wednesday 20 April 21:00 ~ 23:00 PDT
  + Call 4: Wednesday 27 April 21:00 ~ 23:00 PDT
* Comment resolutions
  + Other Editorial comments
  + **Contribution #10**
    - Jae Seung Lee, “Comment resolution on Annex C,” (15-16-0291r00)
    - Proposed the description of Annex C to include HRCP specifications.
  + **Contribution #11**
    - Jae Seung Lee, “Comment resolution on ATP,” (15-16-0297r00)
    - Proposed the revision on description of ATP (Association Timeout Period) field to include PPC.
  + **Contribution #12**
    - Keitarou Kondou, “Resolution on comments #9, #13, #23, #33 and #34 for MAC section,” (15-16-0292r00)
  + **Contribution #13**
    - Keitarou Kondou, “Resolution of comment #32,” (15-16-0276r00)
* Recess at 12:30.

**<<Meeting #6, Thu PM1 (Additional time slot) >>**

* Meeting was called to order at 13:30.
* The patent policy was mentioned and no patent contributions were discussed.
* Comment resolutions
* Comment sheet would be uploaded as r02.
* Adjourned at 14:23.

**<<Tasks completed during the session>>**

* 13 contributions, from Toshiba, ETRI, JRC, NTT, Sony about comment resolutions to initial letter ballot, LB114.
* 133 comments out of total 140 comments were resolved.
* BRC approved.

**<<Next steps>>**

* Before May session at Waikoloa, May 16 - 19
  + Four conference calls for remaining comment resolutions.
  + Call 1: Wednesday, 30 March, 21:00 to 23:00 PDT

Thursday, 31 March 0-2EDT, 5:00-7:00CET, 13-15JST/KST

* + Call 2: Wednesday, 13 April, 21:00 to 23:00 PDT

Thursday, 14 April 0:00-2:00EST, 5:00-7:00CET, 13:00-15:00JST/KST

* + Call 3: Wednesday, 20 April, 21:00 to 23:00 PDT

Thursday, 21 April 0:00-2:00EST, 5:00-7:00CET, 13:00-15:00JST/KST

* + Call 4: Wednesday, 27 April, 21:00 to 23:00 PDT

Thursday, 28 April 0:00-2:00EST, 5:00-7:00CET, 13:00-15:00JST/KST

* + Within teleconferences the BRC approve the start of first recirculation letter ballot (LB)
* Initial sponsor ballot after July session at San Diego, July 25 – 28