**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 May 2016 Meeting Minutes | |
| Date Submitted | 19 May 2016 | |
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| Re: |  | |
| Abstract | This document provides TG3e May 2016 Meeting Minutes. | |
| Purpose | Meeting Minutes | |
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**TG3e May 2016 Meeting Minutes**

The TG3e meetings were held on 16-19 May 2016 at Hilton Waikoloa Village.

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

* Meeting was called to order at 16:00.
* The patent policy was mentioned and no patent contributions were discussed.
* Approval of meeting minutes from the last meetings (15-16-0202r00)   
  and from BRC conference calls (15-16-0348r00).
  + Approved by unanimous consent.
* Approval of the agenda for this week (15-16-0341r01)
  + Approved by unanimous consent
* Status overview
  + Timeline were reviewed.
  + Condition for the sponsor ballot is:
    1. No new valid no voters
    2. No new valid “must be satisfied” comments supporting no vote
  + TG was planning to get the conditional EC approval for the sponsor ballot at June 7.
  + Final RevCom approval is planned to be in Sep 2016 – May 2017.
* Comment resolutions
  + Technical comments are reviewed and resolved. See resolution details on 15-16-0371.
* Recess at 18:00.

**<<Meeting #2, Tue AM1 >>**

* Meeting was called to order at 8:00.
  + The patent policy was mentioned and no patent contributions were discussed.
* Contributions for comment resolutions:
  + Contribution # 1**:**
    - Ken Hiraga, “Proposed resolution to CID#1064,” (15-16-0395r00)
    - Only applicable for HRCP-SC PHY mode not for HRCP-OOK PHY mode.
    - Revised to r01, and approved.
  + Contribution # 2:
    - Ko Togashi, “Resolution for CID 27,” (15-16-0346r01)
    - Presented behavior when ACK is not received. As the resolution of CID#1067 (revisit of CID#27).
    - This would be revisited in the following meetings.
  + Contribution # 3:
    - Ko Togashi, “Follow up to resolution of comment #32,” (15-16-0276r02)
    - Presented th resolution of CID#1066 (Revisit of CID#32).
* Comment resolutions, for technical comments
* Recess at 10:00.

**<<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#1037, 1038, 1051, 1089, 1090, 1093, 1094,
    - These comments would be presented in Thu PM2 by Lee.
  + All technical comments are reviewed.
  + Some editorial comments are reviewed.
* 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
  + CID#1075
    - “HRCP OperationParameter” should be “HRCP Operation Parameters”.
    - Resolved
  + Contribution # 4
    - Jae Seung Lee, “LB119 Comment resolution on security CIDs,” (15-16-0413r00)
    - Proposed resolutions to the technical comments about security.
    - Resolutions presented in the revised presentation, 15-16-0413r01 were approved.
  + Contribution # 5
    - Jae Seung Lee, “Comment resolution on CID 89, 90, 92, and 93,” (15-16-0414r00)
    - Comment resolution on CID 89, 90, 92, and 93.
    - Resolutions presented are approved.
* Recess at 18:00.

**<<Meeting #5, Thu AM1>>**

* Meeting was called to order at 8:05.
* 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
    - Keitarou Kondou, “Resolution on comments about capability,” (15-16-0338r01)
    - Proposed resolution on capability fields.
  + Contribution # 7
    - Keiji Akiyama, “Proposed text for Table 5-3 Summary of MLME primitives,” (15-16-0400r00)
    - MLME primitive table updates according to the proposed resolutions on MLME primitives (CID#1032 and CID#1064).
  + Comment resolution to CID#1085 related to term “PNPP”.
    - Rick Roberts who commented for the term, is fine with “4.1. piconets and point-to-point (PNPP) network” . Replace PNPP with “piconet and pairnet” and introduce a subclause “what is pairnet”.
  + All comment resolutions had been done in this meeting.
* Recess at 9:10.

**<<Meeting #6, Thu AM2>>**

* Meeting was called to order at 10:30.
* The patent policy was mentioned and no patent contributions were discussed.
* Schedule
  + Sponsor ballot pool stated at April 23, 2016. Sponsor ballot shall be initiated within six months from April 23, 2016.
  + MEC (mandatory editorial cooradination) would take 30 days.
* Motion to request to the conditional approval by EC for sponsor ballot
  + “The task group requests that 802.15 reviews and approves the CSD [15-14-0716-07-003e] and requests conditional approval from the EC to submit P802.15.3e\_D04 to Sponsor Ballot”
  + Moved by Andrew Estrada and seconded by Ben Rolfe, motion caries by unanimous consent
* Motion to approve the ballot resolution committee (BRC) members
  + “Move that 802.15.3e TG approve the formation of a Ballot Resolution Committee (BRC) for the WG balloting of the P802.15.3e\_D02 and P802.15.3e\_D03 with the following membership: Andrew Estrada (chair), Ko Togashi, Itaru Maekawa, Jae Seung Lee, Keitarou Kondou and Ken Hiraga. The 802.15.3e BRC is authorized to approve 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 by Andrew Estrada and seconded by Ko Togashi, motion carried by unanimous consent.
  + BRC Members:
    - Andrew Estrada (the BRC chair)
    - Ko Togashi
    - Itaru Maekawa
    - Jae Seung Lee
    - Keitarou Kondou
    - Ken Hiraga
* BRC teleconference schedule was approved. 7 calls between now and July session.
  + Wednesday 01 June 21:00 ~ 23:00 PDT
  + Wednesday 08 June 21:00 ~ 23:00 PDT
  + Wednesday 15 June 21:00 ~ 23:00 PDT
  + Wednesday 22 June 21:00 ~ 23:00 PDT
    - Approve to start recirculation 2.
  + Thursday 07 July 21:00 ~ 23:00 PDT
  + Monday 11 July 21:00 ~ 23:00 PDT
    - Approve the start of third recirculation letter ballot, or, sponsor ballot
  + Wednesday 20 July 21:00 ~ 23:00 PDT
* Adjourned at 11:32.

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

* Agreement for all of comments in the first recirculation.
  + 101 comments (27 T, 74 E)
* BRC members and teleconference schedule were approved
* Approved requesting EC conditional approval to start Sponsor Ballot.

**<<Next steps>>**

* Before July session at Waikoloa, May 16 – 19
  + MEC (Mandatory editorial committee)
  + Seven conference calls for comment resolutions
  + Within teleconferences the BRC approve the starts of recirculation letter ballots
* Start of the initial sponsor ballot will be during July session at San Diego, July 25 – 28