**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | TG3d November 2016 Meeting Minutes | |
| Date Submitted | 10 November 2016 | |
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| Re: |  | |
| Abstract | Meeting notes on the 802.15 TG3d September 2016 Meetings | |
| Purpose | Meeting Minutes | |
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**TG3d November 2016 Meeting Minutes**

The TG3d meetings were held on November 7th - 10th 2016 at Grand Hyatt San Antonio.

**<<Meeting #1 Mon PM1>>**

* Meeting was called to order at 13:30.
* The patent policy was mentioned and no patent contributions were discussed.
* Approval of meeting minutes of the last meetings (15-16-0608r00) and teleconference (15-16-0747r00).
  + Approved with unanimous consent.
* Approval of the agenda (15-16-0741r01)
  + Approved with unanimous consent.
* Presentations of the final TG3d proposal
  + **Contribution # 1**
  + Thomas Kürner, “Report on TG3d Presenation to\_ETSI ISG mWT,” (15-16-0715r00)
  + This document was the presentation to ETSI ISG mWT in September. This provided some information on the background and current status of the TG.
  + **Contribution # 2**
  + Thomas Kürner, “Preliminary Performance of FEC Schemes in TG3d Channels,” (15-16-0746r01)
  + Presented an update to PHY transmission performance simulation with forward error correction, for drafting.
  + Some simulations were undergoing, but extrapolated curves achieve target BER<10-12.
  + **Contribution # 3**
  + Thomas Kürner, Iwao Hosako et al., “Presentation of Proposal for THz PHY in IEEE 802.15.3 - Explanations,” (15-16-0610r01)
  + Presented an idea of the transmission mask. Some corrections would be applied.
  + **Contribution # 4**
  + Thomas Kürner, Iwao Hosako et al., “Presentation of Proposal for THz PHY in IEEE 802.15.3,” (15-16-0595r02)
  + Reviewed the updated proposed text of the PHY section in the draft.
  + This version would be the baseline document of the daft.
* Recess at 15:01.

**<<Meeting #2, Mon PM2, Joint session with IG THz>>**

* Meeting was called to order at 16:00.
* The patent policy was mentioned and no patent contributions were discussed.
* Approval of meeting minutes of the last IG THz meeting (15-16-0519r00).
  + Approved with unanimous consent.
* Approval of the IG THz agenda (15-16-0740r01)
  + Approved with unanimous consent.
* Listening contributions and discussions about the future IG THz activities
  + **Contribution # 5**

Thomas Kürner, “On the Working method of the IG THz,” (15-16-0776r00)

* + - The TG discussed possibilities for a future working method of the IG THz.
    - Currently the IG meet every IEEE802 Plenary, the proposal here is to meet at the venue where are convenient for attendees, the main motivation for that is to get more contributions to the IG.
      * For 2017; January in Atlanta, May in Korea, and July in Berlin
      * Adding other meetings outside IEEE802, IEEE International Microwave Symposiums (after 2018), European Microwave Week, etc
      * How to advertise to potential attendees
* AoB – None.
* Recess at 16:30.

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

* Meeting was called to order at 13:30.
* The patent policy was mentioned and no patent contributions were discussed.
* Review the meeting of the week
* Work on draft
  + From the final PHY proposal (15-16-0595r03), baseline of the draft specification was composed.
  + TG reviewed the documents and made corrections
    - MCS identifier -> MCS and bandwidth identifier
    - For OOK forward error correction, RS and LDPC or RS only?   
      → During the week, Kürner would confirm to proposer of OOK mode
    - Comments added would be resolved in the week
  + TG reviewed the 15.3e draft 06 for parts which were not included in the final PHY proposal document (15-16-0595r03).
    - Confirmed parts that have to be amended
    - Comments were added on the pdf draft.
    - A method for switching beam is out of the scope of the standard in “switched point to point communication”.
* Recess at 15:38

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

* Meeting was called to order at 16:00.
* The patent policy was mentioned and no patent contributions were discussed.
* TG reviewed 15.3e draft (continued from PM1).
* Recess at 17:00.

**<<Meeting #5, Thu PM1>>**

* Meeting was called to order at 13:40.
* The patent policy was mentioned and no patent contributions were discussed.
* Listening contributions
  + **Contribution # 6**
  + Thomas Kürner, “Proposal for a Default Channel in IEEE P802.15.3d,” (15-16-0811r0)
    - The channel with CHNL\_ID 41 is proposed as the default channel
    - No objection for the proposal
* Work on draft specification
* Teleconference
  + To work on the draft standard 01
  + Kick-off activities: PAR for 802.1AC amendment
  + Schedule of teleconferences
    - 11/24, 0216, 9am Germany time (5pm-7pm JST / 12am-2am day before PST)
    - 12/01, 0216, 9am Germany time (5pm-7pm JST / 12am-2am day before PST)
    - 12/12, 0216, 7am Germany time (3pm-5pm JST / 10pm-12am day before PST)
    - 12/21, 0216, 9am Germany time (5pm-7pm JST / 12am-2am day before PST)
    - 01/10, 2017, 7am Germany time (3pm-5pm JST / 10pm-12am day before PST)
* AoB - none
* Adjourned at 14:45

**Tasks completed during the meetings**

* 6 contributions were presented
* Preparation of the draft specifications
  + Worked towards the baseline draft out of final proposals
* Teleconference schedule approved