**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | 802.15 TG10 (L2R) Minutes for January 2016 Mtg. | |
| Date Submitted | [21 January, 2016] | |
| Source | [Charlie Perkins] [Futurewei] | Voice: [+1-408-330-4586] Fax: [+1-408-330-5088] E-mail: [charliep@computer.org] |
| Re: | [TG10 (L2R) meeting minutes.] | |
| Abstract | TG10 (L2R) minutes from the Atlanta Mtg. during January | |
| Purpose | [TG10 (L2R) meeting minutes.] | |
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**Minutes for IEEE 802.15 TG10 (L2R)**

**September Meeting**

**18-21 January, 2016**

**Chair - Clint Powell**

**Technical Editor - Verotiana Rabarijaona**

**Secretary - Charlie Perkins**

**Monday PM1 (January 18) (Room Hanover C)**

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| 1. **Monday PM1 – Objectives/Agenda/Approve Mins./Review Status** |
| 1. OPEN |
| 1. IEEE-SA Stds. Board Bylaws on Patents in Std's. & Guidelines |
| 1. Meeting Objectives/Agenda |
| 1. Approval of Agenda (doc. 15-15-0984-0x) |
| 1. Approval of Nov. Mins. (doc. 15-15-0947-00) |
| 1. Schedule for the Week |
| 1. Comment Resolution |
| 1. Recess |

Chair called the meeting to order at 1:38pm. 13 people in attendance: Clint Powell, Verotiana Rabarijaona, Noriyuki Sato, Pat Kinney, Don Sturek, Charlie Perkins, Tero Kivinen, 6 others.

**Meeting Objectives/Agenda**

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| * Monday PM1 – Objectives/Agenda/Approve Mins./Review Status |
| * Monday PM2 – Comment Resolution |
| * Tuesday PM2 – Comment Resolution |
| * Wednesday PM1 – Comment Resolution |
| * Wednesday PM2 – Comment Resolution |
| * Thursday AM2 – Comment Resolution/BRC/Timeline/Next Steps |

**Opening Report (doc# 15-15-0986-00)**

Meetings in Hanover C

Discussion about Macao and claiming baggage, Trip Advisor

Meeting Objectives

* Recap Nov. 802.15 Plenary and Current Status
* Agenda and Mins. Approval
* LB 113 Results
* Review / Accept Rogue Comments
* Resolve Comments from LB 113
  + Comment Database - doc. # 15-15-0318-36
* Re-Establish TG10 BRC
* Review & Update Timeline

**Patent Policy and call for Essential Patents**

Chair called the group’s attention to the IEEE patent policy and made a call for notification of essential patents. There were no responses.

**LB 113 Results**

VOTERS 98

VOTED 74

YES 63

ABSTAIN 5

NO 6

% VOTERS 75.51%

% YES 91.30%

% ABSTAIN 6.76%

# COMMENTS 346 (72 Technical, 274 Editorial)

Rogue Comments 121 (1 Technical, 120 Editorial)

**Agenda approval (doc. # 15-15-0984-02)**

* Moved Verotiana , seconded Sato-san ; motion passes without objection

**Minutes approval (doc. # 15-15-0958-02)**

* Moved Charlie, seconded Verotiana ; motion passes without objection

**Rogue Comments acceptance (doc. # 15-16-0030-03)**

* Discussion: rogue comments are to be kept in separate list
* Moved Verotiana , seconded Kinney ; motion passes without objection

The Task Group went into recess until2:30pm to prepare for Comment Resolution

Chair called WG back into session at 2:38pm

**Comment Resolution (doc. # 15-15-0318-38 including Rogue Comments)**

**Resolutions contributed in 15-16-0071-00-0010; discussion by Verotiana**

CID #2009 (TBR): discussion about use of child versus descendant; child terminology will be deleted

CID #2026: resolution accepted

CID #2036: resolution accepted

CID #2037: resolution accepted

CID #2068: resolution accepted

CID #2093: resolution accepted

CID #2098: resolution accepted

CID #2099: resolution accepted

CID #2111: resolution accepted with revision

CID #2120: resolution accepted

CID #2121: resolution accepted

CID #2122: resolution accepted

CID #2137: resolution accepted

CID #2142: resolution TBR; with proposed revision for Jussi

CID #2215: resolution accepted

CID #2250: resolution accepted

The Task Group went into recess at 3:30pm until the Monday PM2 session.

**Monday PM2 (January 18) (Room Hanover C)**

Chair called the meeting to order at 4:01pm.

**Resolutions contributed in 15-16-0071-00-0010; discussion by Verotiana (continued)**

CID #2251: resolution accepted

CID #2258: resolution accepted

CID #2261: Discussion about when short addresses change (rare). When they are stable, the field is not needed. Resolution: either keep both or delete both, insert TxAddrPresent

CID #2264: resolution accepted with revision; refer to base specification for all format

CID #2272: resolution accepted

CID #2279: resolution accepted with revision TBR

CID #2281: resolution accepted

CID #2282: resolution accepted

CID #2297: resolution accepted

CID #2335: resolution accepted

**Resolutions contributed in 15-16-0070-01-0010; discussion by Verotiana**

CID #2294: resolution accepted with revision; allows mesh root address to be elided

The Task Group went into recess (at 5:20pm) until the Tuesday PM2 session.

**Tuesday PM2 (January 19) (Room Hanover C)**

Chair called the meeting to order at 4:02pm.

**Patent Policy and call for Essential Patents**

Chair called the group’s attention to the IEEE patent policy and made a call for notification of essential patents. There were no responses.

**Resolutions contributed in 15-16-0090-00-0010; discussion by Charlie**

CID #2130: discussion about ETX

CID #2340: discussion about ETX

CID #2345: discussion about ETX

**Resolutions contributed in 15-16-0093-00-0010; discussion by Sato-san**

CID #2053: Accept

CID #2067: TBD: remove anything about TC IE in unknown mesh

CID #2076: Accept

CID #2081: Accept

CID #2086: Accept

CID #2103: TBD: remove anything about TC IE in unknown mesh

CID #2104: Accept with revision; have to keep info in both NT and MT

CID #2116: TBD

CID #2123: Accept with revision

CID #2127: TBD

CID #2216: Accept

CID #2224: Accept

CID #2228: Accept

CID #2242: Accept

CID #2245: Accept with revision, see CID #1306

CID #2271: Accept

CID #2289: Accept with revision

CID #2311: Accept with revision

CID #2313: Accept with revision

CID #2316: Accept with revision

CID #2338: Accept

CID #2346: TBD: Accept

The Task Group went into recess (at 5:58pm) until the Wednesday PM1 session.

**Wednesday PM1 (January 20) (Room Hanover C)**

Chair called the meeting to order at 1:35pm.

**Patent Policy and call for Essential Patents**

Chair called the group’s attention to the IEEE patent policy and made a call for notification of essential patents. There were no responses.

**Resolutions contributed in 15-16-0093-01-0010; discussion by Sato-san**

CID #2316: resolution accepted depending on CID #2067 (handling of unknown mesh TC IEs)

CID #2334: resolution accepted with revision

CID #2338: resolution accepted

CID #2346: resolution accepted with revision

**Resolutions contributed in 15-16-0106-00-0010; discussion by Sato-san**

CID #2067: resolution TBR

CID #2076: resolution accepted depending on CID #2067 (handling of unknown mesh TC IEs)

CID #2079: resolution accepted with revision

CID #2080: resolution accepted with revision

CID #2103: resolution accepted related to CID #2067

CID #2116: resolution accepted related to CID #2067

**Resolutions contributed in 15-16-0107-00-0010; discussion by Sato-san**

CID #2104: resolution accepted with revision

**Resolutions contributed in 15-16-0100-00-0010; discussion by Sato-san**

CID #2346: resolution accepted with revision; new subclause

**Resolutions contributed in 15-16-0093-01-0010; discussion by Sato-san**

CID #2127: resolution accepted with revision

CID #2123: Update resolution document (see #2067)

CID #2289: Update resolution document

CID #2313: Update resolution document

**Resolutions contributed in 15-16-0090-01-0010; discussion by Charlie**

CID #2130: resolution accepted with revision

CID #2340: resolution accepted with revision

CID #2345: resolution accepted with revision; mesh-wide exponent parameter needed

**Resolutions contributed in 15-16-099-01-0010; discussion by Jaehwan Kim**

CID #2131: resolution accepted with revision

CID #2148: resolution accepted with revision

CID #2153: resolution TBD; could say it is the only information available

CID #2157: resolution accepted with revision

CID #2158: resolution accepted with revision

CID #2159: resolution TBD

CID #2161: resolution accepted with revision

CID #2167: resolution accepted with revision; add clarifying text

CID #2168: resolution accepted with revision

CID #2196: resolution accepted with revision

CID #2197: resolution accepted with revision

CID #2198: resolution accepted

CID #2199: resolution accepted

CID #2203: resolution accepted with revision

CID #2276: resolution accepted with revision

The Task Group went into recess at 3:30pm until the Wednesday PM2 session.

**Wednesday PM2 (January 20) (Room Hanover C)**

Chair called the meeting to order at 4:01pm.

**Patent Policy and call for Essential Patents**

Chair called the group’s attention to the IEEE patent policy and made a call for notification of essential patents. There were no responses.

**Discussion about timeline**

* 3rd Letter Ballot Recirc. Jan./Feb. 2016
* WG Sponsor Ballot Approval March 2016
* EC Sponsor Ballot Approval March 2016
* Sponsor Ballot March 2016
* 1st Sponsor Ballot Recirc. July/Aug. 2016
* 2nd Sponsor Ballot Recirc. Sept./Aug. 2016
* 3rd Sponsor Ballot Recirc.**\*** Nov./Dec. 2016
* EC Approval Nov. 2016 /March 2017
* RevCom Approval 2017

**\*** May not be needed

**Membership of TG10 BRC resolving comments for draft D04.**

Clint Powell, Verotiana Rabarijaona, Fumihide Kojima, Noriyuki Sato, Kiyoshi Fukui, Soo-Young Chang, Jaehwan Kim, SangSung Choi, Charlie Perkins. All who were present in the room agreed to remain on the BRC for comment resolution until November.

**Motion for WG approval to form TG10 BRC.**

*TG10 requests that 802.15 WG approve the formation of a Ballot Resolution Committee (BRC) for the WG balloting of the 802.15.4 TG10 draft recommended practice with the following membership:* Clint Powell, Verotiana Rabarijaona, Fumihide Kojima, Noriyuki Sato, Kiyoshi Fukui, Soo-Young Chang, Jaehwan Kim, SangSung Choi, Charlie Perkins. *The TG10 BRC is authorized to approve comment resolutions and to approve the start of balloting the TG10 draft on behalf of the 802.15 WG. Comment resolution on recirculation ballots between sessions will be conducted via reflector email and via teleconferences as announced to the reflector.*

Moved by: Charlie Perkins Seconded by: Verotiana Rabarijaona

Discussion: None

Vote: 8/0/0

**Motion for WG approval to form TG10 BRC.**

*Move that 802.15 WG approve the formation of a Ballot Resolution Committee (BRC) for the WG balloting of the TG10 draft recommended practice with the following membership:* Clint Powell, Verotiana Rabarijaona, Fumihide Kojima, Noriyuki Sato, Kiyoshi Fukui, Soo-Young Chang, Jaehwan Kim, SangSung Choi, Charlie Perkins. *The TG10 BRC is authorized to approve comment resolutions and to approve the start of balloting the TG10 draft on behalf of the 802.15 WG. Comment resolution on recirculation ballots between sessions will be conducted via reflector email and via teleconferences as announced to the reflector.*

Moved by: Charlie Perkins

Seconded by: Verotiana Rabarijaona

**TG10 Conference Calls Reminder**

* + Day: Mon.
  + Time: 6PM-8PM Mon. (Arizona)  
     10AM-Noon Tues. (Japan-JST, Korea)
  + Conf. #: To Be Sent to TG10 Reflector
  + Next Call: Mon. 8th, Feb. (Tues.) (Japan-JST, Korea)

The Task Group went into recess at 4:45pm until the Thursday AM2 session

**Thursday AM2 (January 21) (Room Hanover C)**

Chair called the meeting to order at 10:38am.

**IEEE-SA Stds. Board Bylaws on Patents in Std's. & Guidelines**

Chair called the group’s attention to the IEEE patent policy and made a call for notification of essential patents. There were no responses.

**Resolutions contributed in 15-16-0100-01-0010; discussion by Verotiana**

CID #2346: new section needed for indirect broadcast transmission. Question about the availability of 64-bit broadcast addresses in earlier devices. Discussion about how to cite 802.15.4 (whether or not the “-2015”) should be included.

**Resolutions contributed in 15-15-0093-04-0010; discussion by Sato-san**

CID #2313: resolution accepted with revision

CID #R2012: resolution regarding SoftStop accepted with revision

**Resolutions contributed in 15-16-090-02-0010; discussion by Charlie**

CID #2345: resolution accepted with revision

Updated document 15-16-090-03-0010 containing revision was accepted

**Adjourning the meeting** **(closing report doc. # 15-15-0986-01)**:

Chair asked if there were any objections to adjourning. None were heard.

The meeting was adjourned at 12:35pm.