**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 May 2015 Mtg. | |
| Date Submitted | [14 May, 2015] | |
| Source | [Clint Powell] [PWC, LLC] | Voice: [+1-480-586-8457] Fax: [ ] E-mail: [cpowell@ieee.org] |
| Re: | [TG10 (L2R) meeting minutes.] | |
| Abstract | TG10 (L2R) minutes from the Vancouver Mtg. | |
| Purpose | [TG10 (L2R) meeting minutes.] | |
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**Minutes for IEEE 802.15 TG10 (L2R)**

**May Meeting**

**11-14 May, 2015**

**Chair - Clint Powell**

**Technical Editor - Verotiana Rabarijaona**

**Secretary - Charlie Perkins**

**Monday AM2 (5/11)**

Chair called the meeting to order at 10:35 AM.

**Opening Report (doc# 15-15-0369-00)**

Chair went through opening report.

**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.

**Review and Approval of Agenda (doc# 15-15-0300-01)**

Motion to approve the agenda: (doc# 15-15-0300-01)

Moved: Soo-Young Chang, Second: Verotiana Rabarijaona

There was no discussion and no objections therefore the motion passed and the agenda was approved unanimously.

**Approval of Prior Mtg. Minutes (doc# 15-15-0261-01)**

Motion to approve the March meeting minutes: (doc# 15-15-0261-01)

Moved: Kiyoshi Fukui, Second: Kojima Fumihide   
There was no discussion and no objections therefore the motion passed and the minutes were approved unanimously.

**Review of LB 104 Results**

VOTERS 98

VOTED 67

YES 57

ABSTAIN 3

NO 7

% VOTERS 68.37%

% YES 89.06%

% ABSTAIN 4.48%

# COMMENTS 580

**Comment Resolution (doc #** **15-15-0318-02)**

Soo-Young went through his proposed comment resolutions

* 15-15-0354-00 discussion
  + Can have multiple PANs with the same PAN ID within same range!
  + What information allows one PAN to find another PAN's devices?
* 15-15-0355-00 discussion, comment from Tero about short addrs. vs. PAN ID
  + 802.15.4m Amendment 6 shows an example of "Super PAN coordinator"
* 15-15-0356-00 discussion; UWB preamble Code needed in Table 3
* 15-15-0357-00 discussion comment (CID 249 Tero)
* 15-15-0358-00 discussion (CID 250 Tero)
* 15-15-0359-00 discussion (CID 251 Tero)
* 15-15-0360-00 discussion (CID 254 Tero)
* 15-15-0361-00 discussion (CID 324 Vero)
* 15-15-0362-00 discussion (CID 404 Vero)

The Task Group went into recess (at 12:30 PM) until the Tues. AM1 session.

**Tuesday AM1 (5/12)**

Chair called the meeting to order at 8:05 AM.

**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 comments submitted by non-voting member**

* Charlie Perkins reviewed his technical comments. The Chair asked the group to look over all the comments he posted in doc. # 15-15-0391-00 and be prepared to take a vote during the Tues. PM2 session.

**Comment Resolution (doc #** **15-15-0318-02)**

* Discussion about maintaining metrics for multiple Mesh Tables (MT)
* Planned batch of comment resolutions as uploaded to Mentor
* Discussion about Beacon Interval (BI) versus other units.

The Task Group went into recess (at 10:00 AM) until the Tues. PM2 session.

**Tuesday PM2 (5/12)**

Chair called the meeting to order at 4:05 PM.

**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.

**Comment Resolution (doc #** **15-15-0318-02)**

* The Chair asked the group if there was any objection to accepting the comments Charlie Perkins submitted on LB 104 (contained in doc. # 15-15-0391-00) as Rogue comments and treating them the same as the other comments. There were no objections.
* Much discussion and controversy about EntityID. Decision to rename as “ServiceID”.
* Consideration of service registry deferred.
* Suggestion to use only one metric, avoiding complication and prioritization.
* Wednesday PM2 session will establish BRC.

The Task Group went into recess (at 6:00 PM) until the Wed. AM1 session.

**Wednesday AM1 (5/13)**

Chair called the meeting to order at 8:05 AM.

**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.

**Comment Resolution (doc #** **15-15-0318-02)**

* Discussion about using both short and extended address modes.
* By default only one address mode is used, as indicated by mesh root
* If another address assignment method is used, correspondence between extended address and short address is out of scope for document.
* Suggestion to have a table of address use versus address assignment; this resolution needs to be announced on the mailing list
* Discussion that RFDs should never have two dotted-line links in Fig.1
* Figure needs to show two possible kinds of end devices (RFDs and FFDs)
* Discussion about how a device decides to become a mesh root.

The Task Group went into recess (at 10:00 AM) until the Wed. PM2 session.

**Wednesday PM2 (5/13)**

Chair called the meeting to order at 4:05 PM.

**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.

**TG10 BRC**

Chair reminded everyone that members of the TG10 BRC are obligated to attend the TG10 BRC calls, which occur weekly, on Monday @ 6pm Pacific. Chair asked if anyone wanted to be removed or added to the TG10 BRC. Charlie Perkins asked to be added. Nobody asked to be removed.

**Motion 1: Motion to form a 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 Cho, 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 at least 30 days in advance.

Moved by: Ed Callaway

Seconded by: Verotiana Rabarijaona

Discussion: None

Vote: 10/0/0 - Unanimous

**Comment Resolution (doc #** **15-15-0318-02)**

The task group continued reviewing proposed comment resolutions.

The Task Group went into recess (at 6:00 PM) until the Thurs. PM2 session.

**Thursday PM2 (5/14)**

Chair called the meeting to order at 4:05 PM.

**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.

**Next Ballot Resolution Committee call is May 25**

**Comment Resolution (doc #** **15-15-0318-03)**

**Comment Resolution discussion comments assigned to Sato-san**

* Comment #293 resolved, dispatch mechanism to be described.
* Comment #297 Accept in Principle; already addressed with CID 293
* Comment #298 Accept in Principle; explain how intermediate node forward encrypted frames.
* Comment #306 Accept in Principle; addressed as in resolution to CID 293
* Comment #307 Accept in Principle; text is needed
* Comment #336 Accept; Suggestion to delete security level from L2R-D IE.
* Comment #366 Accept in Principle; Not needed after resolution of comment #336
* Comment #367 Accept in Principle; Not needed after resolution of comment #336
* Comment #394 Accept in Principle; Need to consider simplification of address mode
* Comment #492 Accept; Accept. Text needed.
* Comment #500 Accepted.
* Comment #505 Accepted.
* Comment #509 Accepted
* Comment #511 Accepted. Use same error code as MLME-SCAN.Confirm
* Comment #515 Accepted. Add KeyIDMode, KeyIndex, KeySource
* Comments #535, #539, #541, #544 Accepted; text needed (work in progress).
* Comment #85 Accept in Principle; must clearly describe all parameters
* Comment #90 Accept in Principle; Insert “L2R router becomes the mesh root and”
* Comment #91 Accept in Principle; can multiple mesh roots can offer same service?

**Overall Time Line**

Chair reviewed doc. # [15-13-0645-04](https://mentor.ieee.org/802.15/dcn/13/15-13-0645-04-0010-tg10-l2r-timeline.xlsx) and noted that nothing has changed since the last meeting.

**Next Steps**

Chair reviewed the next steps from the closing report (doc. # 15-15-0369-01).

**Adjourning the meeting**:

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

The meeting was adjourned at 6:00PM.