**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **<Task Group 15.4k Minutes>** | |
| Date Submitted | [19 July 2012] | |
| Source | [Pat Kinney] [<Kinney Consulting LLC>] [address] | Voice: [ ] Fax: [ ] E-mail: [ ] |
| Re: | [Task Group 802.15.4k Plenary Meeting in San Diego] | |
| Abstract | [Task Group 802.15.4k Minutes.] | |
| Purpose | [Official minutes of the Task Group Session | |
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**IEEE 802.15 Plenary Meeting – Session #79**

**Grand Hyatt Manchester, San Diego, California, USA**

**July 16-19, 2012**

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# Monday, 16 July 2012, 13:30 (PM1)

**13:44** Chair called meeting to order.

Chair presented opening report 15-12-0353-00-004k:

Chair displayed the IEEE-SA slides #1 through #4 of the IEEE patent policy.

Chair asked if anyone in the meeting was personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance? There were no responses.

**Key Discussion Points**

* Comments from 15-12-0348-00-004k will be reviewed and resolved
* Changes to document 15-12-0089-06-004k will be proposed

**Agenda for San Diego**

Chair presented the agenda 15-12-0309-01. Discussion ensued as to moving meeting slots to avoid conflicts with other groups. Motion to *approve the agenda (15-12-0309-02)* was made by Ben Rolfe and seconded by Shu Kato. Upon neither discussion nor objection the motion carries by unanimous consent.

**Approval of Previous Minutes**

Motion to *approve the minutes from Atlanta 15-12-0252-00* was made by Seong-Soon Joo and seconded by Ben Rolfe. Upon neither discussion nor objection the motion carries by unanimous consent.

**13:40** Review and categorization of comment database 15-12-0348-00, allocation and other notes captured in 15-12-0348-01

**15:10**  Meeting recessed until Monday PM2

# Monday, 16 July 2012, 16:00 (PM2)

**16:10** Chair called meeting to order, this meeting is focused on comments for clauses 3, 4, and Annex P. Resolutions for clause 3,4 and 5 comments captured and posted in 15-12-0348-02-004k.

# Tuesday, 17 July 2012, 8:00 (AM1)

**8:14** **Clause 5 comments review and resolution**

Ben Rolfe led the review of the MAC portions of preliminary draft 15-12-0089-06.

* Add a PIB denoting fragmentation capable
* Add a PIB denoting fragmentation enabled

**12:30** Chair recessed until PM1

# Tuesday, 17 July 2012, 10:30 (AM2)

**10:35** **Clause 5 comments review and resolution**

Meeting called to order. Chair called the meeting to order. Ben Rolfe led the group in resolution of clauses 5 and 6. All comments up to CID 239 were resolved with resolutions captured in document 15-12-0348-03.

* Action Items
  + Seong-Soon Joo is responsible for the resolution of RSLN issues

**12:30** Chair recessed until PM1

# Tuesday, 17 July 2012, 13:30 (PM1)

**13:40** **Clauses 5 and 6 comments review and resolution**

Chair called the meeting to order. Ben Rolfe led the group in resolution of clauses 5 and 6. All comments up to CID 266 were resolved with resolutions captured in document 15-12-0348-04.

**15:30** Chair recessed until PM2

# Tuesday, 17 July 2012, 16:00 (PM2)

**16:05** **Clauses 8 and 9 comments review and resolution**

Chair called meeting to order. Cristina Seibert led discussion on the resolution of clause 9 and David Howard led discussion on clause 8. Resolutions were captured in document 15-12-0348-04. All comments for clause 9 were resolved and of clause 8, only comments 80, 81, and 166 were not resolved

**17:54** Meeting recessed

# Wednesday, 18 July 2012, 8:00 (AM1)

**8:06 Coexistence Review and comment resolution**

Qing Li led the group for discussion of the coexistence document (15-12-314-00)

Cristina Seibert led comment resolution for clause 19 with resolutions captured in 15-12-0348-05.

**9:45** meeting recessed until Wednesday PM1

# Wednesday, 18 July 2012, 13:30 (PM1)

**13:40** **Clause 19 and Annex D comments review and resolution**

Chair called the meeting to order

**14:40** Meeting recessed by chair

# Wednesday, 18 July 2012, 16:00 (PM2)

**16:08** **Resolution of remaining comments (Draft and Coexistence)**

Chair called the meeting to order.

David Howard led the group in resolution of the remaining DSSS comments.

Seong-Soon Joo led the group in resolution of RSLN comments. All resolutions were captured in document 15-12-0348-05.

**18:00** meeting recessed until Thursday AM1 **mmm meeting**  Upon being informed from the authors that the above mentioned documents needed additional effort, chair recessed meeting until 8:00 am Thursday

# Thursday, 19 July 2012, 8:00 (AM1)

**8:15** **Joint meeting with 802.19**

Meeting called to order by Steve Shellhammer calls the meeting to order. Steve commends TG4k for having this joint meeting prior to balloting the draft and the thoroughness of the analysis.

Qing Li presents the TG4k Coexistence Document (document # 15-12-0314-00-004k) and led a discussion on the document. There was agreement to add a short informative description to provide the context for the reader who is not familiar with work of TG4k.

**9:40** meeting recessed until Thursday AM2

# Thursday, 19 July 2012, 10:30 (AM2)

**10:30** **Resolution of remaining comments**

Meeting called to order by chair. Jussi presents proposed resolution to comment 15-12-0321-00; Ben presents document 15-12-0405-02 to address CID 255 and 324. Presents Wun-Cheol’s suggest change to the proposed resolution to CID 137. Seong-Soon Joo leads discussion of RSLN comments.

Proposed resolutions captured in 15-12-0348-06.

**12:27** meeting recessed until Thursday PM1

# Thursday, 19 July 2012, 13:30 (PM1)

**13:06** **Resolution of remaining comments**

Chair called meeting to order.

Continue discussion of remaining comments

**15:25** chair recessed meeting until PM2

# Thursday, 19 July 2012, 16:00 (PM2)

**16:06** **Wrap up all remaining issues/actions/concerns and motions to approve draft and request WG to ballot draft**

Review of comment resolutions: Pat leads a review of 15-12-0348-06, presenting the changes from version 5. After discussion, updated comment resolutions captured in 15-12-0348-07-004k and posted to mentor.

Motion to approve comment resolutions in 15-12-0348-06-004k moved by David Howard and Seconded by: Jussi Hapoola. Upon neither discussion nor objection the motion carries by unanimous consent.

Motion to request WG to open the ballot moved by David Howard and seconded by Steve Jillings. Upon neither discussion nor objection the motion carries by unanimous consent. See document 15-12-0353-01 for full text of motion.

Pat shows the closing report. (doc #15-12-0423-00-004k). Review of the requirements for balloting and the balloting process and the schedule.

Motion to adjourn made by Cristina Seibert and seconded by Seong-Soon Joo; Motion carries by unanimous consent.

**17:35** Session adjourned