**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title |  | |
| Date Submitted | [23 March 2011] | |
| Source | [] [] [address] | Voice: [ ] Fax: [ ] E-mail: [ ] |
| Re: | [Task Group 802.15.4e Interim Meeting in Singapore] | |
| Abstract | [Task Group 802.15.4e Minutes.] | |
| Purpose | [Official minutes of the Task Group Session | |
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**IEEE 802.15 Interim Meeting – Session #71**

**March 2011**

**Task Group 4e Minutes**

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# Monday, 14 Mar 2011, 13:30 (PM1)

**13:37** Chair called meeting to order.

Chair presented opening report 15-11-0202-00-004e:

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**

* Results of LB69:

**LB60 LB69 Aggregate**

**VOTERS** 217 217 217

**VOTED** 164 71 177

**YES** 128 62 150

**ABSTAIN** 11 2 12

**NO** 25 7 15

**% VOTERS** 76% 33% 82%

**% YES** 84% 90% 91%

**% ABSTAIN** 7% 3% 7%

**304** Comments were received with **134** marked as part of the commenters' "Do Not Approve" vote

* TG4i - formatting the next recirc will be based upon 802.15.4i

**Agenda for Singapore**

Chair presented the agenda 15-11-0149-01. Discussion ensued to question the assigned time slots to the categories due to the availability of its leader; it was agreed that the agenda should be modified to indicate which meetings would be dedicated to specific groups. Motion to approve the agenda as modified was made by Ludwig Winkel and seconded by Seong-Sonn Joo. Upon neither discussion nor objection the motion carries by unanimous consent.

**Approval of Previous Minutes**

Motion to approve the minutes from Dallas 15-11-0132 -00 was made by Ludwig Winkel and seconded by Seong-Soon Joo. Upon neither discussion nor objection the motion carries by unanimous consent.

**Comment categorization**

Categorization of comments as per group was started with results captured in document 15-11-0205-03.

**15:05** Stopping at CID 226, meeting recessed until Monday PM2

# Monday, 14 March 2011, 16:00 (PM2)

**16:00** **Comment categorization**

Comment categorization continued at CID 227 and were completed with results captured in 15-11-0205-03.

**17:30** chair recessed until Tuesday PM1

# Tuesday, 15 Mar 2011, 13:30 (PM1)

**13:40** **DSME Comment resolution**

Chair reiterated his expectations to the group that any question, comments, or objections to the resolutions would be stated as the resolution is discussed rather than waiting until the final meeting when the group votes to approve the comment resolution document 15-11-205.

Myung Lee led the comment resolution effort of comments and their resolutions denoted as DSME with the results captured in 15-11-0205-04. All DSME comments were resolved.

Ben Rolfe followed with comment resolution of EB and ESOR comments.

**15:27** Stopping at CID165, Chair recessed until PM2

# Tuesday, 15 Mar 2011, 16:00 (PM2)

**16:06** Chair reiterated his expectations to the group that any question, comments, or objections to the resolutions would be stated as the resolution is discussed rather than waiting until the final meeting when the group votes to approve the comment resolution document 15-11-205.

Ben Rolfe continued the comment resolution effort of comments and their resolutions denoted as EB and ESOR with the results captured in 15-11-0205-04. All EB and ESOR comments were resolved except CID271 and CID274 that required additional information.

**17:20** Meeting recessed.

# Wednesday, 16 Mar 2011, 13:30 (PM1)

**13:42** Chair called the meeting to order

Chair stated his expectations to the group that any question, comments, or objections to the resolutions would be stated as the resolution is discussed rather than waiting until the final meeting when the group votes to approve the comment resolution document 15-11-205.

Michael Bahr continued the comment resolution effort of comments and their resolutions denoted as LL with the results captured in 15-11-0205-05. All LL comments were resolved.

Discussion ensued on some DSME comment resolution changes including CID 142

**15:00** Meeting recessed by chair

# Wednesday, 16 Mar 2011, 16:00 (PM2)

**16:14** Meeting called to order and advised the group that this slot was to finish off previous comment resolution efforts.

Wei Hong led comment resolution for LE comments with results captured in 15-11-0205-05.

Ludwig Winkel led comment resolution on editorial comments with results captured in 15-11-0205-05.

**17:22** Meeting recessed by chair

# Thursday, 17 Mar 2011, 8:00 (AM1)

**8:10** Meeting called to order.

Chair reminded group that this meeting was a joint meeting with 802.19 and would focus on the coexistence assurance document, 15-10-737-00. Discussion ensued as to the scope of the changes and the impact of the changes upon coexistence. Suggested changes to this document:

* Add an Impact section describing the impact the MAC addition on coexistence
* Add introduction section
* Add additional text describing that many of the MAC additions are just standardization of current implementations of other standards
* Add IEC62591 to the list of standards this amendment is intended to support
* Enhance the conclusion section

**9:15** meeting recessed until Thursday AM2

# Thursday, 17 Mar 2011, 10:30 (AM2)

**10:50** Meeting called to order by chair**.**

Chair announced that the focus of this meeting is to finish comment resolution effort. CIDs 168, 253, 254, 171, 175, 179, 213, 271, 274, and 282. All comment resolutions were completed and captured in 15-11-0205-06.

**12:03** meeting recessed until Thursday PM1

# Thursday, 17 Mar 2011, 13:30 (PM1)

**13:37** Chair called meeting to order, it was noted that the text for the DSME resolutions had been submitted to the editor. Resolutions were updated and captured in document 15-11-0205-09.

Motion: *to approve resolutions as stated in 15-11-0205-09 and to empower the editors to modify the draft text as per the comment resolutions.* Moved by Seong-Soon Joo and seconded by Ludwig Winkel. Upon neither discussion nor objection the motion carries with unanimous consent.

Chair advised TG4e members to form a Ballot Resolution Committee (BRC) with the purpose to resolve comments and the authority to approve the resolutions and to recirculate the draft if the WG so empowered it. The membership of the BRC was chosen to be: Seong-Soon Joo, Pat Kinney, Ludwig Winkel, Wei Hong, Jeff King, Wun-Cheol Jeong, Chang Sub Shin, Ben Rolfe, Yang Yang, Myung Lee, Jonathan Simon, and Kazuyuki Yasukawa. Motion to *affirm this BRC membership* was moved by Ben Rolfe and seconded by Myung Lee. Upon neither discussion nor objection the motion carries with unanimous consent. Pat Kinney volunteered to chair this BRC.

Chair, Pat Kinney, announced that he had volunteered to chair TG4k and would be unable to continue to chair TG4e. Seong-Soon Joo, vice-chair, volunteered to chair TG4e. Ben Rolfe moved, and Myung Lee seconded, *to affirm Seong-Soon Joo as TG4e chair contingent upon his appointment as TG4e chair by the WG chair*. Upon neither discussion nor objection the motion carries with unanimous consent.

**15:20** Session adjourned