IEEE P802.15 Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)		
Title	IEEE802.15 TG3c meeting minutes, Vancouver		
Date Submitted	March 12, 2009		
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Re:	802.15.3c Meeting Minutes, Vancouver		
Abstract	IEEE 802.15 Task Group TG3c Minutes		
Purpose	Official minutes of the TG3c Session		
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Monday, March 8, 1st slot, 4.00 PM

Meeting called to order

4.00 pm

Meeting called to order by R. Fisher.

Announcement and Introduction

09/155 Opening introduction was presented. The summary is as below:

- Recirculation statistics.
- PAR TG3c (http://standards.ieee.org/board/nes/projects/802-15-3c.pdf)
- Online attendance registration
- Disclosure of affiliation
- Highlights of the IEEE standard boards bylaws on patents in standards
- The leadership of TG3c
- Re-circulation Ballot status
- Ballot Resolution Committee Teleconference
- Coexistence Assurance Teleconference
- Meeting objectives, timeline

Approval of Meeting Minutes

09/085. Motion to approve Los Angeles meeting minutes by T. Baykas and seconded by C.S. Sum.

The minutes was approved by acclamation.

Approval of agenda

09/094r1. The agenda was opened for discussion.

Motion to approve agenda by C.S. Sum and seconded by T. Baykas.

09/094r2. The modified agenda was approved by acclamation.

Comment Resolution

Technical editor J. Gilb announced that all comments had been resolved.

There were 11 outstanding comments received in recirculation ballot LB49 which were withdrawn by the commenter.

Draft standard D07 (the editorial revision-up of D06 conforming to the IEEE Mandatory Editorial Coordination) will be forwarded to sponsor ballot.

J. Gilb also thanked the editorial group for their hard work.

4.30pm. Recess called by R. Fisher.

Tuesday, March 9, 2nd slot, 1.00 PM

Meeting called to order

1.30 pm

Meeting called to order by R. Fisher.

The meeting was recessed until 2.30pm for the preparation of the coexistence assurance comment resolution.

2.30 pm

Meeting called to order by R. Fisher.

09/184r1. J. Gilb discussed the resolutions to comments raised by 802.19.

09/104r2. J. Gilb announced that Amal Ekbal (Qualcomm) has withdrawn his 11 comments raised in LB49.

3.00pm. Recess called by R. Fisher.

Wednesday, March 10, 3rd slot, 1.30 PM

Meeting called to order

1.30 pm

Meeting called to order by R. Fisher.

09/22r7. The coexistence assurance document was completed.

The meeting was recessed until 4.00pm.

Wednesday, March 10, 4th slot, 4.00 PM

TG3c and TGad Joint Meeting called to order

4.00pm

Joint meeting called to order by J. Barr.

11-09/295r3, slide 21. Meeting Agenda

- 802.15.3c Presentations
- Discussion on Coexistence Requirements

Technical Presentations

- 11-09/370r2, "CMS for Intersystem Coexistence"
 - o Discussion/Q&A

- Michelle Gong (Intel) (1) slide 9, 2nd & 3rd bulleted items, (2) CMS Frame Format
- Solomon (Intel) (1) CMS PHY Detection, (2) How to implement CMS to enhance coexistence
 - James Gilb (SiBEAM) Explanation of CMS implementations to enhance coexistence
- Sum (NICT) CMS a mechanism to allow heterogeneous systems to coexist
- 11-09/372r1, "DEV Sync Frame Transmission"
 - o Discussion/Q&A
 - Solomon Sync Frame exchange protocol
 - Michelle Sync Frame exchange capacity
 - Carlos (Intel) Sync Frame feature is optional
- 11-09/355r0, "15.3c Beamforming Overview"
 - o Discussion/Q&A
 - Solomon Beamforming Parameters of BST (sector & beam level)
 - Arash (Univ of Waterloo) BST processing & switching requirements
- 15-09/22r8, "15.3c Coexistence Assurance Document"
 - o Discussion/Q&A
 - Eldad (Intel) What is CCA used for in .15.3c?
 - Michelle When is CCA used, since it is specified as Mandatory in the .15.3c spec?
- 11-09/375r1, "Introduction to 15.3c Channel Model"
 - o Discussion/O&A
 - Vinko (BCM) Reuse of 15.3c Channel Model work
 - Arash Antenna model used for current modeling
 - Sudheer (InterDigital) Model out to 10m
 - Martin (TU Braunschweig)

Meeting Adjourned – 6:07pm

Thursday, March 11, 5th slot, 4.00 PM

Meeting called to order

4.20 pm

Meeting called to order by R. Fisher.

09/093r3. Motion to approve the modification of agenda by S. Kato and seconded by H. Harada. The modified agenda was approved by acclamation.

09/225r0. Motion: Task Group 3c requests that the 802.15 WG seek approval from the Executive Committee to start the Sponsor Ballot on draft Standard P802-15-3c-D07_Draft_Amendment.pdf (D06 with mandatory editorial changes applied).

Motion moved by R. Fisher and seconded by S. Kato.

Yes: 22. No: 0. Abstain: 0.

Motion was passed.

09/217r0 (slide 8 and 9). The TG3c project timeline was presented by R. Fisher.

09/244r0. Liaison report: Summary of TG ad activities was presented by R. Fisher. Modifications were included in 09/244r1.

09/217r0. The TG3c closing report was presented by R. Fisher.

- Meeting accomplishments
- Sponsor ballot motion
- Contributions
- Ballot plan
- Project timeline
- Liaison report on IEEE 802.11 TGad
- Liaison report on IEEE 802.19

Motion to approve the closing report by S. Kato and seconded by U. Goebel. The closing report was approved by acclamation.

Adjournment

Motion to adjourn the TG3c meeting by C.S Sum, second by M.A. Rahman. Motion approved by acclamation.

6.00pm

The meeting was adjourned by R. Fisher.