IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)
Title	Minutes of the Ballot Resolution Committee (BRC) Teleconference
Date Submitted	23 June, 2009
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Re:	802.15.3c Teleconference Meeting
Abstract	IEEE 802.15 Task Group TG3c Ballot Resolution for Sponsor Ballot
Purpose	Resolution to Comments for TG3c Draft Standard
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Minutes of the Ballot Resolution Committee (BRC) Teleconference

Date: 23 June 2009, 1pm in JST

BRC Attendees:

James Gilb (SiBeam), Shuzo Kato, Hiroshi Harada (NICT), Chiu Ngo (Samsung), Ismail Lakkis (Tensorcom), Kazuaki Takahashi (Panasonic)

Observers:

Raymond Yu Zhan (Panasonic), Ichihiko Toyoda (NTT), Keitarou Kondou, Hiroyuki Yamagishi (Sony), Huai Rong Shao (Samsung), Vered Bar (Qualcom), Akio Iso, Fumihide Kojima, Ryuhei Funada, Mohammad Azizur Rahman, Zhou Lan, Junyi Wang, Chin-Sean Sum (NICT)

Recording secretary:

Chin-Sean Sum (NICT)

Decisions of BRC:

1. To modify the current TG3c draft standard D10 based on the resolutions listed in 09/458r4.
2. To forward the modified draft standard D11 to the second recirculation for sponsor ballot.

Discussions:

1   The BRC chairman James Gilb presented the comment resolution spread sheet 09/458r3 and seek for resolutions for unresolved comments.

2   The process of comment resolution in the BRC meeting is as following. The detailed resolutions are listed in spreadsheet 09/458r4.

   2.1 CID 51: Agree.

   2.2 CID 50: Agree.

   2.3 CID 49: Agree.

   2.4 CID 47: Agree.

   2.5 CID 36: Principle.

       2.5.1 Reason: The group wanted to disallow the use of ping-pong exchanges in the CAP.   However, the group wants to allow aggregated frames to be sent.

   2.6 CID 35: Principle.

       2.6.1 Add editing instructions to modify the sentence in 802.15.3b.

2.7 CID 31: Principle.

    2.7.1 Change as shown in 09/458r4.

2.8 CID 26: Principle.

    2.8.1 Change sentence as shown in 09/458r4.

2.9 CID 25: Principle.

    2.9.1 Correct cross reference as Table 116.

2.10 CID 23: Principle.

    2.10.1 Change sentence as shown in 09/458r4.

2.11 CID 17: Agree.

2.12 CID 7: Principle.

    2.12.1 No change to the draft required.

2.13 CID 54: Principle.

    2.13.1 Change the rate 1/2 LDPC matrix according to 09/464r0.

2.14 CID 53 and 6: Principle.

    2.14.1 The clock frequency for HSI PHY is changed to 1.5 times of the clock frequency for SC PHY

    2.14.2 The group will not make any more future changes to the clock frequency.

2.15 CID 46: Principle.

    2.15.1 Change naming as shown in 09/458r4.

2.16 CID 45: Disagree.

    2.16.1 The header rates are necessary. No change required in the draft.

2.17 CID 44: Disagree.

    2.17.1 The SFD patterns are necessary for selecting the header rates.

2.18 CID 43, 40, 39, 38 and 37: Principle.

    2.18.1 Add a sentence 8.6.6.2 "It is up to the implementer to determine the method used to achieve omni-directional communications for the SC and HSI PHY modes."

    2.18.2 Change Regular CAP to be Regular S-CAP in 7.4.22 as appropriate and in 8.6.6.2, change "Regular CAP" to be Regular CAP and Regular S-CAP when discussing methods that can be used for both.

2.19 CID 34: Principle.

    2.19.1 Change "Regular CAP" to be "Regular CAP and Regular S-CAP" in this subclause.

2.20 CID 33: Principle.

    2.20.1 Change the notation to match correct usage.

2.21 CID 42: Principle.

    2.21.1   Change the sentence to read "Sync frame transmission is mandatory for PNC-capable DEVs when operating as the PNC, as defined in 12.1.9, and optional for non-PNC capable DEVs."

2.22 CID 14: Principle.

    2.22.1   Change preamble sequence as shown in 09/458r4.

2.23 CID 13: Principle.

    2.23.1   Resolved as indicated in 09/404r1.

2.24 CID 16: Principle.

    2.24.1   Resolve as shown in 09/458r4.

3   The completed resolutions for the comments were uploaded as 09/458r4.

4   The BRC approved unanimously to adopt the modifications listed in 09/458r4 on draft standard D10.

5   The BRC also approved unanimously to forward the modified draft standard D11 to the second recirculation for sponsor ballot.