
IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)	
Title	Minutes of the conference calls TG3c Technical Requirements Sub-Group	
Date Submitted	[17 June, 2005]	
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Re:	[Minutes of the 4 th conference call – TG3c Technical Requirements Sub-Committee]	
Abstract	[This document contains the minutes of the conference calls of the TG3c Technical Requirements sub-group]	
Purpose	[]	
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1. First conference call

Minutes of the 1st conference call can be found in document 05-0329-00-003c

2. Second conference call

Minutes of the 2nd conference call can be found in document 05-0332-00-003c

3. Third conference call

Minutes of the 3rd conference call can be found in document 05-0351-00-003c

4. Fourth conference call

Minutes of the 4th conference call can be found in document 05-0352-00-003c

5. Fifth conference call

5.1. Date

The 5th conference call was held on June 23rd at 8PM Eastern US time.

5.2. Attendees:

1. Reed Fisher
2. Brian Gaucher
3. Hideto Ikeda
4. Nobujiko Kuribayashi
5. Abbie Mathew
6. Tony Pollock
7. Khusro Saleem
8. Alireza Seyedi
9. Yozo Shoji
10. Stan Skafidas
11. Su-Khiong Yong

5.3. Issues discussed and decisions made:

1. The checking and updating of the table of applications in Annex B, and resolve/remove question marks was discussed. Since there were no volunteers A. Seyedi and H. Ikeda accepted to take on this task.
2. There was discussion on whether the table in Annex B implies that all the applications must be satisfied by the proposal. The group agreed that this is not the intention and this table is merely a summary of all the contributions. It was decided that a sentence clarifying this point to be added. S. Skafidas will draft this sentence and provide it to the sub-group.
3. The requirement of “4 simultaneously operating piconets” was discussed with respect to regulatory domains with smaller band allocations (Europe, Australia and perhaps Korea). The sub-group was not clear whether this requirement is equivalent to having 4 separate frequency bands. This issue is to be clarified with MAC liaison (J. Gilb) and further discussed on the next call. T. Pollock and S. Yong to look into regulations in Australia and Korea respectively.
4. The sentence “Combination of analog/digital broadcasting channels and digital communication channels should be supported” and the related item in the table below were removed. This was due to (i) Analog broadcasting does not comply with .15.3 MAC, (ii) There are few analog broadcasting applications, (iii) Our standard should be forward looking and not held back by legacy systems.
5. Section 6.0 was edited to read as: (changes are marked in red)
“The PHY shall be able to coexist with other wireless devices that may be in close proximity to IEEE 802.15.3c devices. This includes interference from 802.15.3c devices to other wireless systems as well as interference from other wireless systems or radiators to 802.15.3c devices.”

Coexistence and interference resistance shall, at a minimum, be considered for the following wireless devices: 802.15.1 (Bluetooth™), IEEE 802.11, IEEE 802.15 (3&4), IEEE 802.16, WiMax, ISM cordless phones, and mmWave collision avoidance radars. Interference resistance from other radiators, like microwave ovens, shall also be considered.”

5.4. Action Items:

1. A. Seyedi and H. Ikeda to compare applications to the original contributions and resolve or remove question marks from annex B.
2. S. Skafidas to draft text clarifying the purpose of the table in Annex B.
3. A. Seyedi to clarify the issue of simultaneously operating piconets.

5.5. Next Conference Call:

Agenda:

1. Roll Call
2. Review action items from last call.
3. Start review and editing of Section 7 (Channel Models), and move to the following sections as time permits.
4. Adjourn

Date:

Thursday June 30th / Friday July 1st

Times:

US Eastern Time:	8.00 PM	Thursday
US Mountain Time:	6.00 PM	Thursday
US Pacific Time:	5.00 PM	Thursday
Japan/South Korea Time:	9.00 AM	Friday
Eastern Australia Time:	10.00 AM	Friday

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Call-in Number: 1-517-623-4457

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