
IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)	
Title	Minutes of the 4th conference call - TG3c Technical Requirements Sub-Committee	
Date Submitted	[17 June, 2005]	
Source	[Alireza Seyedi] [Philips] [345 Scarborough Rd., Briarcliff Manor, NY, 10510, USA]	Voice: [+1-914-945-6318] Fax: [+1-914-945-6580] E-mail: [alireza.seyedi@philips.com]
Re:	[Minutes of the 4 th conference call – TG3c Technical Requirements Sub-Committee]	
Abstract	[]	
Purpose	[]	
Notice	This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.	
Release	The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15.	

Date:

The 4th conference call was held on June 16th at 8PM Eastern US time.

Attendees:

1. Bruce Bosco
2. Reed Fisher
3. Brian Gaucher
4. Kiyoshi Hamaguchi
5. Hideto Ikeda
6. Nobujiko Kuribayashi
7. Hiroyo Ogawa
8. Tony Pollock
9. Alireza Seyedi
10. Yozo Shoji
11. Stan Skafidas
12. Su-Khiong Yong

Issues discussed and decisions made:

1. The planning for the discussion of rate/range values was discussed. The group would like to encourage members or send their views/suggestion regarding these values to the reflector as a basis for discussion in San Francisco.
2. In response to a comment made by one of the members on the reflector, the inclusion of definitions for “Point-to-point” and “WLAN” type applications was discussed. The group decided that including these definitions will put unnecessary limitation on the proposers. There was a concern that readers may assume that the “point-to-point” refers to the FCC definition. The group agreed that this term does not refer to the FCC definition.
3. Second paragraph of Section 3 was edited as below:

The error rate criterion is equivalent to that specified in 11.6.1 of the Standard IEEE 802.15.3-2003. The proposer is encouraged to show techniques that will satisfy the requirements described above. Data should be provided that shows the added complexity, power consumption, and latency due to these techniques. In addition, estimates should be given to indicate the PHY overhead due to preambles and PHY headers.

4. The first “requirement” table in Section 3 was removed. This was because “Non-delay” and “Very-little-delay” were thought to be too restrictive. To address concerns regarding the latency, a new section was added (see item 6).
5. Second item in the second table was removed, as “Point-to-multipoint” does not convey any useful information.
6. Section 4 was added as below:

4.0 Delay

The proposed system shall provide at least one mode with sufficiently low latency in order to satisfy the applications.

7. The text in Section 5 (previously Section 4) was discussed. There was a concern that the text may be read such that the proposers will be forced to use a channel select filter before the LNA. The group agreed that the text is not meant to imply this, and that “close proximity” is not intended to convey extremely close distances where such filter is needed. The discussion on this section will continue on the next call.

Action Items:

1. Alireza to post the edited document.

Next Conference Call:**Agenda:**

1. Roll Call
2. Review action items from last call.
3. Continue review and editing of Section 5 (Channelization), and move to the following sections as time permits.
4. Adjourn

Date:

Thursday June 23rd / Friday June 24th

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

Please check the time conversion for your region. The reference is the US eastern time.

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

Passcode: 71198#