
IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)	
Title	Minutes of the 3rd conference call - TG3c Technical Requirements Sub-Committee	
Date Submitted	[10 June, 2005]	
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Re:	[Minutes of the 3 rd conference call – TG3c Technical Requirements Sub-Committee]	
Abstract	[]	
Purpose	[]	
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Date:

The 3rd conference call was held on June 9th at 8PM Eastern US time.

Attendees:

1. Bruce Bosco
2. Reed Fisher
3. Kiyoshi Hamaguchi
4. Hideto Ikeda
5. Abbie Mathew
6. Hiroyo Ogawa
7. Tony Pollock
8. Alireza Seyedi
9. Yozo Shoji

Issues discussed and decisions made:

1. The rate/range requirements and the existence of two types of applications (WPAN and point-to-point) were discussed. The group decided to edit the first paragraph of section 3.0 as below. The particular values for rate and range and data packet length (highlighted below) will be discussed at a later time, possibly in the July plenary meeting. The members are encouraged to discuss their ideas about these values on the reflector.

3.0 Bit Rate and Range

A bit rate of at least **622 Mbps** at **3 meters** is required at the PHY-SAP (Service Access Point). A preferred additional higher bit rate of at least **1 Gbps** over at least **20 m** for Point-to-Point operation is desired. Also, another preferred higher bit rate of at least **2 Gbps** over at least **10 m** for Point-to-Point operation is desired. The packet error rate used for these requirements is 8 % for **1024** octet frame body. The transmit EIRP (Effective Isotropic Radiated Power) is fixed by regulatory emission limits. Figure 1 shows the reference partitioning.

2. Minor edits:
 - a. It was decided that the title to be edited to “Draft TG3c System Requirements”.
 - b. A list of contributors to the technical requirements sub-committee will be added to the documents.

Action Items:

1. Alireza to post the edited document.

Next Conference Call:

Agenda:

1. Roll Call
2. Review of action items from last call
3. Planning for discussion of data rate and range values in SF meeting.
4. Continue editing section 3.0 and move to other sections, time permitting.
5. Adjourn

Date:

Thursday June 16th / Friday June 17th

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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