IEEE P802.22  
Wireless RANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Minute of IEEE 802.22b Task group at Orlando Face-to-Face Meeting | | | | |
| Date: 2013-3-19 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | email |
| Xin Zhang | NICT | 20 Science Park Road, #01-09A/10 TeleTech Park, Singapore Science Park II | +65- 67711008 | Amy.xinzhang@ieee.org |

Abstract

This document presents the minutes of IEEE 802.22b task group at Orlando Face-to-Face Meeting from 18th Mar 2013 to 22nd Mar 2013.

**IEEE 802.22b Task Group**

**Notice:** This document has been prepared to assist IEEE 802.22. 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 grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE’s name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE’s sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.22.

**Patent Policy and Procedures:** The contributor is familiar with the IEEE 802 Patent Policy and Procedures

<[**http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf**](http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf)>, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair Apurva Mody <[apurva.mody@ieee.org](mailto:apurva.mody@ieee.org)> as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.22 Working Group. **If you have questions, contact the IEEE Patent Committee Administrator at <**[**patcom@ieee.org**](mailto:patcom@ieee.org)**>**.

**19th Mar (Tuesday), PM1**

**Minutes:**

1. The meeting was called to order by Chair at 1335 AM.

2. Chair reminded everyone to mark attendance.

3. The patent policy was read out as well as the Title, PAR and Purpose of 802.22b task group.

4. The agenda as contained in 22-13-0044-00-000b for the coming week was reviewed. The following motion was proposed to approve the agenda.

**Motion:**

Motion to approve 2013 Mar Orlando Plenary agenda for 802.22b task group as contained in 22-13-0044-00-000b

Move: Chang-woo Pyo

Second: Zhang Xin

No objection was heard. Motion passed.

5. Achievements in January meeting were reviewed. During the previous face-to-face meeting, 3 technical contributions were received and presented.

6. The timeline of creating draft document was discussed briefly.

7. Chair reviewed the face-to-face meeting minute as well as the teleconference minutes.

**Motion:**

Motion to approve 2013 Jan Vancouver meeting minute for 802.22b task group as contained in 22-13-0040-00-000b

Move: Chang-woo Pyo

Second: Hwang

No objection was heard. Motion passed.

**Motion:**

Motion to approve 802.22b task group teleconference minutes as contained in

22-13-0021-00-000b

22-13-0026-00-000b

22-13-0029-00-000b

22-13-0038-00-000b

22-13-0042-00-000b

Move: Chang-woo Pyo

Second: Zhang Xin

No objection was heard, Motion passed.

8. Discussion of time slots for each technical contribution. There were total 6 technical contribution for this face-to-face meeting.

Tuesday Mar 19th PM1: Technical Item, Dr Oodo

Tuesday Mar 19th PM2: Nework Configuration and Definition

Wednesday Mar 20th PM1: Technical Items, Dr Toh

Link Budget, Dr Gabriel

Wednesday Mar 20th PM2: Network Operation Dr Pyo

Technical Items, Dr Hwang

Thursday Mar 21st AM1: Network Operation Dr Pyo

9. The five categories of tehnical items were explained, namely, New Item (N) or Revision Item from 22 (R) or Not (N), Mandatory (M) or Optional (O), Requirement, Contributors and Editor.

Comment: During the implementation phase, it is found that there is error in the base standard; it was suggested to add a column about the corrections in the base standard, because it is not the scope of 802.22b to correct the base standard.

10. Document number: 22-13-0024-03-000b-00bMAC\_Technical \_Item was presented.

11.Document 22-13-31-02-000b was presented from NICT.

12.The meeting was recessed at 310 PM. **IEEE 802.22b Task Group**

**19th Mar (Tuesday), PM2**

**Minutes:**

1. The meeting was called to order by Chair at 4:02 PM.

2. Network configuration (document no: 22-13-0037-01-000b) was presented.

It was suggested to add text from 22-13-0037-01-000b to the working document.

There was a debate on the number of hops we should support in 802.22b. Currently, in the presented proposal, 2 hops will be supported.

3. The meeting was recessed at 5:50 PM.

**IEEE802.22b Task Group**

**20th Mar (Wednesday), PM1**

**Minutes:**

1. The meeting was called to order by Chair at 1:30 PM.

2. “Link Budget Analysis for Devices with Low-height Antenna” (22-13-0050-r0) was presented.

The major difference between this contribution and the previous two contributions lies in the channel model and also the assumption of transmitting power. In this presentation, we emphased on low antenna heights for both H-CPE and L-CPE.

3. “Technical Items (MAC)” (22-13-0048-00-000b) was presented.

4. “Technical Items (PHY)” (22-13-0049-00-000b) was presented.

5. The meeting was recessed at 3:09 PM.

**IEEE802.22b Task Group**

**20th Mar (Wednesday), PM2**

**Minutes:**

1. The meeting was called to order by Chair at 4:06 PM.

2. “Technical Items (PHY)” (22-13-27-01-000b) was presented.

3. “Technical Item (PHY)” (22-13-32-01-000b) was presented.

4. “Network Operations” (22-13-51-00-000b) was presented.

5. The meeting was recessed at 5:30 PM.

**IEEE802.22b Task Group**

**21st Mar (Thursday), AM1**

**Minutes:**

1. The meeting was called to order by Chair at 9:03 AM.

2. The discussion of “Network Definition” (22-13-0051-00-000b) was continued.

Several questions were asked on the understanding related to the procedures presented for different communication links.

3. The meeting was recessed at 9:51 AM.

**IEEE802.22b Task Group**

**21st Mar (Thursday), AM2**

**Minutes:**

1. The meeting was called to order by Chair at 10:33 AM.

2. The future plan was discussed. We plan to combine all the technical items and more discussion of technical document will be expected.

3. Teleconferences beween face-to-face meeting are scheduled as below:

28th Mar, 4th April, 11th April, 18th April, 25th April, 9th May,

7 PM EST (Japan/Korean Time 10 AM). Everyone agrees to the timing.

Chair request everyone to provide some detailed content for the technical item excel sheet until the first teleconference.

4. A new excel document was created which combined all the technical items excel sheet presented during this face-to-face meeting, document no: 22-13-0052-00-000b.

5. The meeting was adjourned at 11:14 AM.