IEEE P802.22
Wireless RANs

|  |
| --- |
| Minute of IEEE 802.22b Task group at Jacksonville Face-to-Face Meeting  |
| Date: 2012-2-9 |
| 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 Jacksonville Face-to-Face Meeting from 16th Jan 2012 to 19th Jan 2012.

 **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> 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****>**.

**16th Jan (Monday), PM1**

**Minutes:**

1. The meeting was called to order by Aziz.

2. Chair announced that officer position will be nominated before Thursday.

3. Agenda document 802.22b-agenda-2.xlcs was presented, explained, and discussed.

4. Antony from ETRI and Alina from NICT introduced themselves as new comers to 802.22b

5. IEEE policy was announced by Aziz.

6. Agenda document 802.22b-agenda-2.xlcs was approved unanimously by the group.

7. Zhang Xin was nominated as a secretary for the task group. Antony was nominated as a vice chair for the task group. There was a discussion on the nomination of officer. It was agreed that we will open a call for nomination for chair and vice chair. The nomination will be opened until AM2 Thursday. Secretary was appointed by the current chair and voted by the task group.

8. **Motion**:

 Move that Zhang Xin be appointed as the P802.22b task group secretary.

 Moved: Apurva Mody

 Second: Chang poo Pyo

 For: 7

 Against: 0

 Abstain:

 The motion passed unanimously.

9. The next item was opening report IEEE 802.22-12-0005-00-000b. This document was presented by Aziz.

10. Chair presented the call for contribution.

11. A proposal which go over the PAR and 5C for the remaining session was accepted.

12. The meeting was recessed at 1500PM until tmr PM1 when regulatory information was provided by Apurva.

**IEEE 802.22b Task Group**

**17th Jan (Tuesday), PM1**

**Minutes:**

1. The meeting was called to order by Aziz.

2. The agenda today was to discuss regulatory information provided by Apurva.

3. This document has not been uploaded at the time of recording. It will be uploaded in the near future.

4. The meeting was recess at 1500PM until PM2.

**IEEE802.22b Task Group**

**17th Jan (Tuesday), PM2**

**Minutes:**

1. The meeting was called to order by Aziz.

2. The agenda 802.22b-agenda-2.xlcs was presented and has been amended. The group agreed to it unanimously.

3. The process document was presented by Aziz.

4. Q: two types of proposals. What if only partial proposal exist,

A: partial proposal need to be merged, because partial proposal can’t be added to the baseline draft. Two ways (neither being it have clear winner or not)

5. Timeline for proposal presentation was discussed. It was changed to November.

6. It was suggested that proposal is better to be presented in PowerPoint form first, and then presented in text document.

7. The meeting was recessed 1740PM until tomorrow morning.

**IEEE802.22b Task Group**

**18th Jan (Wednesday), AM2**

**Minutes:**

1. The meeting was called to order by Aziz.

2. Attendance was marked.

3. Agenda was to present and discuss the functional requirement for 802.22b

4. Functional requirement document 0-000b was presented by Zhang Xin.

5. The following modifications were discussed during this session:

* It was suggested to insert definition of words before functional requirements to avoid any ambiguity in wordings:

 Definition of words

 **Shall**: These words or the adjective "REQUIRED" means that the item is an absolute requirement.

 **Should**: This word or the adjective “RECOMMENDED” means that there may exist valid reasons in particular circumstances to ignore this item, but the full implications should be understood and the case carefully weighed before choosing a different course.

 **May**: This word or the adjective “OPTIONAL” means that this item is truly optional. One implementation may include the item because the target marketplace requires it or because it enhances the product, for example; another implementation may omit the same item

* It was suggested the data rate for requirement 01 needed to be spcified.
* There was concern on requirement 05. Multi-hop v.s two hop. Is two-hop communication sufficient in our new task group?
* There was a question raised regarding requirement 08. The original wording “enhanced mechanism” is misleading. It was suggested to change to “This amendment should support mechanism……”
* It was suggested to change requirement 10 to “This amendment may provide enhancement to exsiting or alternate security mechanisms”.
* There was a long discussion on backward compactibility, whether the old 802.22 device is able to communicate with the new 802.22b devices and base station, etc.
* Document IEEE 802.22-05/0007r48 was suggested to added as a reference.

6. The meeting was recessed at 1230PM until PM2.

**IEEE802.22b Task Group**

**18th Jan (Wednesday), PM2**

**Minutes:**

1. The meeting was called to order by Aziz.

2. Attendance was marked.

3. The agenda today was to continue the discussion of the functional requirement for 802.22b.

4. This document doesn’t need to be finalized in this meeting.

5. In requirement 01, “throughput” is suggested to replace “data rate”.

6. In requirement 02, a sentence “One class of CPE should be designed with low complexity to fit for mornitoring applications.” was suggested to be added in at the end.

7. There was discussion on backward compatibility. In order not to tie up ourselves, “should” is preferred. Also, it was suggested to change requirement 11 to “IEEE 802.22b BS should contain all the capabilities of the IEEE 802.22 BS”

8. For real-time applications, “end to end (CPE to BS)”and “non battery powered” was inserted. It was suggested to add mechanisms to identify and prioritize applications in BS. Also extend QoS methods.

9. The meeting was recess at 1800 PM until tomorrow AM2.

**IEEE802.22b Task Group**

**19th Jan (Thursday), AM2**

**Minutes:**

1. The meeting was called to order by Aziz.

2. Attendance was marked.

3. The agenda today was to continue the discussion of the functional requirement document for 802.22b and present the closing report IEEE 802.22 TGb in Jan 2012 meeting.

4. There was a long discussion on channelization (requirement 12). It was pointed out that the present channelization has problem. It was agreed that requirement on channelization is mentioned in terms of meeting the spectrum mask, instead of anything else.

5. Closing report with document number IEEE 802.22-12-0011-00-000b was presented.

6. It was decided that the teleconference scheduled between Januray meeting and March meeting will be on 8th Feb 9pm-1030 pm EDT and 29th Feb 9pm-1030pm EDT.

7. The meeting was adjourned.