IEEE P802.22
Wireless RANs

|  |
| --- |
| Minute of IEEE 802.22b Task group at Los Angeles interim Face-to-Face Meeting  |
| Date: 2014-01-25 |
| Author(s): |
| Name | Company | Address | Phone | email |
| Chunyi Song | NICT | 3-4, Hikarino Oka, Yokosuka, Kanagawa, 239-0847, Japan | +81-468475095 | songe@nict.go.jp |
| Chang-woo Pyo | NICT |  |  | cwpyo@nict.go.jp |

Abstract

This document presents the minutes of IEEE 802.22b task group at Los Angeles Face-to-Face Meeting from 19th January 2014 to 25th January 2014.

 **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****>**.

**21st Jan (Tuesday), AM1**

**Minutes:**

1. The meeting was called to order by Chair at 0800 AM.

2. 8 participants including 7 voting members were in the meeting room.

3. Chair reminded everyone to mark attendance.

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

5. IEEE 802.22b TG title, PAR and purpose were reviewed.

6. The agenda as contained in 22-14-0014-00-000b for the coming week was reviewed.

The following motion was proposed to approve the agenda.

**Motion #1**

Motion to approve 2014 January Los Angeles Interim agenda for 802.22b task group as contained in 22-14-01014-00-000b

Move: Chang-Woo Pyo

Second: Sunghyun Hwang

Motion passed unanimous consent.

7. Achievements in November meeting were reviewed. During the previous face-to-face meeting, 3 technical contributions for MAC layer were received and presented. Comments especially technical comments received during the first letter ballot After the face-to-face meeting, no teleconference was held.

8. Chair reviewed the November face-to-face meeting minute.

**Motion #2**

Motion to approve 2014 November Dallas meeting minute for 802.22b task group as contained in 22-14-0004-00-000b

Move: Chang-woo Pyo

Second: Shigenobu Sasaki

Motion passed unanimous consent.

10. Chair reviewed the 6 teleconference held on 21st Nov. , 28th Nov., 5th Dec., 12th Dec., 9th Jan. and 16th Jan. and the meeting minutes as contained in 22-14-0015-00-000b.

**Motion #3**

Motion to approve meeting minutes for teleconference held after November face-to-face meeting for 802.22b task group as contained in 22-14-0015-00-000b

Move: Chang-woo Pyo

Second: Chunyi Song

Motion passed unanimous consent.

11. Discussion of time slots for each technical contribution was carried out. In total 11 technical contributions will be presented and discussed in this face-to-face meeting.

1) Tuesday AM1 Comment Resolution related to MAC (22-13-0178-00-000b)

2) Tuesday AM2 Comment Resolution related to PHY Mode 2 (22-14-0016-00-000b &

 22-14-0017-02-000b)

 Comment Resolution related to MAC (22-14-0018-00-000b,22-13-0174-00-000b,

 22-13-0179-02-000b, 22-13-0181-00-000b)

3) Tuesday PM1 Comment Resolution related to transmit diversity (22-14-0021-00-000b)

 Comment Resolution related to multichannel operation (22-14-0019-00-000b)

 Comment Resolution related to MAC (22-14-0005-01-000b)

4) Wednesday AM1 Multi-carrier Filter Banks Modulation (22-14-0012-00-000b)

5) Wednesday PM1 Comment Resolution related to PHY Mode 2 (22-14-0022-00-000b)

 Comment Resolution related to Group management (22-14-0006-00-000b)

 (22-14-0007-00-000b)

 Comment Resolution related to Location update (22-14-0008-00-000b)

 Comment Resolution related to data rate (22-14-0020-00-000b)

12. Comment resolution for category of devices was presentd by Dr. Pyo for discussion based on document of 22-13-0178-00-000b.

13. The meeting was recessed at 10:00 am.

**IEEE 802.22b Task Group**

**21st January (Tuesday), AM2**

1. The meeting was called to order by Chair at 10:40 AM.

2. 9 participants including 8 voting members were at the meeting room.

3. Comment resolution files regarding PHY mode 2 were presentd by Dr. Oodo for discussion based on documents of 22-14-0016-00-000b (data rate), 22-14-0017-02-000b (confusing description of four repetitions) and 22-14-0018-00-000b (the missing data scrambling specification for PHY mode 2, DS and US synchronization).

4. Comment resolution files regarding MAC 2 were presentd by Dr. Pyo for discussion based on documents of 22-13-0174-00-000b (LCID, FID), 22-13-0179-01-000b (centralized and distributed scheduling mode) and 22-13-0181-00-000b (number of access/relay zones).

5. The meeting was recessed at 12:11 pm.

**IEEE 802.22b Task Group**

**21th January (Tuesday), PM1**

1. The meeting was called to order by Chair at 13:30 PM.

2. 9 participants including 7 voting members were at the meeting room.

3. Comment resolution file regarding transmit diversity was presentd by Dr. Villardi for discussion based on document of 22-14-0021-00-000b.

4. Comment resolution file regarding multi-channel operation was presentd by Dr. Toh for discussion based on document of 22-14-0019-00-000b.

5. Comment resolution file regarding DS MAP IE was presentd by Dr. Pyo for discussion based on document of 22-14-0005-01-000b.

6. The meeting was recessed at 14:56 pm.

**IEEE 802.22b Task Group**

**22nd January (Wednesday), PM1**

1. The meeting was called to order by Chair at 13:30 PM.

2. 9 participants including 8 voting members were at the meeting room.

3. Comment resolution file regarding PHY mode 2 was presentd by Dr. Oodo for discussion based on document of 22-14-0022-00-000b.

4. Comment resolution files were presentd by Dr. Hwang for discussion regarding Group management based on document of 22-14-0007-00-000b and 22-14-0006-00-000b, and regarding group location update based on document of 22-14-0008-00-000b.

5. Comment resolution file regarding PHY mode 2 was presentd by Dr. Sasaki for discussion based on document of 22-14-0020-00-000b.

**Motion #4**

**Motion to approve the comment resolution presented and discussed during the Los Angeles face-to-face meeting.**

Move: Shigenobu Sasaki

Second: Sunghyun Huang

For: 8

Reject:0

Abstein: 0

 Motion passed.

The TG meeting was adjourned at 15:35 PM.