IEEE P802.22
Wireless RANs

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| Minute of IEEE 802.22b Task group at Nanjing Face-to-Face Meeting  |
| Date: 2013-9-16 |
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Abstract

This document presents the minutes of IEEE 802.22b task group at Nanjing Face-to-Face Meeting from 16th September 2013 to 19th September 2013.

 **IEEE 802.22b Task Group**

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**17th September (Tuesday), AM2**

**Minutes:**

1. The meeting was called to order by Chair at 1030 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 22-13-0144-00-000b for the coming week was reviewed.

The following motion was proposed to approve the agenda.

**Motion:**

Motion to approve 2013 September NanJing Interim agenda for 802.22b task group as contained in 22-13-0144-00-000b

Move: Chang-Woo Pyo

Second: Jerry Kalke

No objection was heard. Motion passed.

5. Achievements in July meeting were reviewed. During the previous face-to-face meeting, 9 technical contributions were received and presented. 4 were from PHY layer and 5 were from MAC layer. After the face-to-face meeting, 3 teleconferences were held.

6. The timeline for creating draft document was reviewed and our current progress was shown to be on schedule.

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

**Motion:**

Motion to approve 2013 July Geneva meeting minute for 802.22b task group as contained in 22-13-0146-01-000b

Move: Chang-woo Pyo

Second: Gwang Zeen Ko

No objection was heard. Motion passed.

8. Review of teleconference meetings. There were total 3 teleconferences conducted between July and September face-to-face meeting. The teleconference meeting minute was reviewed one by one. The following motion was proposed.

**Motion:**

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

22-13-0148-00-000b

22-13-0149-00-000b

22-13-0150-01-000b

Move: Chang-woo Pyo

Second: Keat-Beng Toh

No objection was heard, Motion passed.

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

Tuesday September 17th AM2: “Frame structure modification”

Wednesday September 18th AM2: “Proposed Text of MAC technical items related to 7.7.1 1.3X Multi-channel operation supported”, “Proposed Text of MAC technical items related to 7.6 X MAC headers (Multi-channel operation mode)”, “Proposed Text of MAC technical items related to 7.7.X Channel Allocation Manager managerment messages”

Wednesday September 18th PM1: “TX diversity with array interference gain”

Thursday September 19th AM1: “MIMO text: maximu ratio combining for the standard 802.22b”, “TX diversity with array interferecen gain”, “MIMO text: for the standard 802.22b”, “Proposed PHY text for 802.22b”, “MD-TCM text for 802.22b”.

9. Contribution “Frame structure modification” (22-13-0141-01-000b) was presented.

10.The meeting was recessed at 11:30 PM.

**IEEE 802.22b Task Group**

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

**Minutes:**

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

2. 802.22b Draft 1.0 as contained in document number 22-13-0151-00-000b was presented.

3. The meeting was recessed at 15:20 PM.

**IEEE802.22b Task Group**

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

**Minutes:**

1. The meeting was called to order by Chairman at 10:35 AM.

##### 2. IEEE 802.22b Draft 1.0 (22-13-0151-01-000b) was reviewed.

3**.** “Proposed Text of MAC technical items related to 7.7.1 1.3X Multi-channel operation supported” (22-13-0135-00-000b), “Proposed Text of MAC technical items related to 7.6 X MAC headers (Multi-channel operation mode)” (22-13-0134-00-000b), “Proposed Text of MAC technical items related to 7.7.X Channel Allocation Manager managerment messages” (22-13-0133-00-000b) were presented.

4. The meeting was recessed at 12:00 noon.

**IEEE802.22b Task Group**

**18th September (Wednesday), PM1**

**Minutes:**

1. The meeting was called to order by Chairman at 13:40 PM.

2. 802.22b Draft 1.0 (22-13-0151-01-000b) was reviewed.

3. Contributions for MIMO operation as contained in document 22-13-0132-03-000b, 22-13-1040-00-000b and 22-13-0131-01-000b were presented.

4. The meeting was recessed at 15:14 PM.

**IEEE802.22b Task Group**

**19th September (Thursday), AM1**

**Minutes:**

1. The meeting was called to order by Chairman at 08:40 PM.

2. Contributions for “MD-TCM text for 802.22b” as contained in document 22-13-0153-00-000b was presented.

3. Contributions for “TX Diversity with Array-Interference Gain” as contained in document 22-13-0132-03-000b was presented.

4. The meeting was recessed at 10:14 PM.

**IEEE802.22b Task Group**

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

**Minute**

1. Acting Chair of the working group Dr Pyo called the meeting to order at 10:40, 6 people were in the room.

2. Chair summarized the work done in this interim meeting.

3. Laison report for 802.24.

4. ***Motion #4***

Move that 802.22 WG start a WG Letter Ballot requesting approval to forward document the IEEE P802.22b™/D1.0 (<https://mentor.ieee.org/802.22/dcn/13/22-13-0151-02-000b-802-22b-draft-1-0.pdf>)

 to Sponsor Ballot

Document Title: Draft Standard for Wireless Regional Area Networks Part

22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the TV Bands

Amendment: Enhancement for broadband services and monitoring applications

Ballot opening Date: October 1st, 2013 at 00:00 (11:59PM) Eastern Time, USA Ballot closing date: October 31, 2013 at 00:00 (11:59PM) AOE (Anywhere On Earth)

Moved: Chang-Woo Pyo

Seconded: Keat-Beng Toh

Motion Passes (%): 6/0/0

5. ***Motion #5***

Move to adjourn

Move: Changwoo Pyo

Second:

No objection

**The meeting was adjourned at 12:00 noon.**