IEEE P802.22
Wireless RANs

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| Minute of IEEE 802.22b Task group at San Antonio Face-to-Face Meeting  |
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Abstract

This document presents the minutes of IEEE 802.22b task group at San Antonio Face-to-Face Meeting from 12th Nov 2012 to 15th Nov 2012.

 **IEEE 802.22b Task Group**

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**15th Nov (Thursday), AM1**

**Minutes:**

1. The meeting was called to order by the chair at 830 AM.

2. Dr Pyo 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 22-12-0095-00-000b for the coming week was reviewed. The following motion was proposed to prove the agenda.

**Motion:**

Motion to approve nov. 802.22b agenda as contained in 22-12-0095-00-000b

Move: Pyo

Second: Gwang

No objection was heard. Motion passed.

5. Achievement in September meeting was reviewed. During the previous face-to-face meeting, minutes for July meeting was approved, two technical contributions were presented and call for intent and proposal were reminded. Lastly, the presentation time slot was discussed.

6. The following motion was proposed.

**Motion:**

Motion to approve Sep. 802.22b minutes as contained in 22-12-0097-00-000b

Move: Pyo

Second: Gwang

No objection was heard, Motion passed.

7. Dr Pyo announced that 5 proposals and one technical contribution were received.

8. Each presenter confirmed the presentation of submitted document. The following time slots were allocated for each proposal.

AM1:09:00-10:00 (Sunghyun Hwang)
AM2:10:30-11:30 (Hiroshi Harada)
AM2:11:30-12:30 (Technical Contribution, Zhang Xin)
PM1:13:30-14:30 (Toh Keat Beng)
PM1:14:30-15:30 (Shigenobu Sasaki)
PM2:16:00-17:00 (Mody Apurva)

9. The meeting was then recessed at 8:40 AM, and resumed at 9 AM.

10. Presentation 22-12-0086-00-000b “Proposed Frame Structure for IEEE 802.22b Systems” was first presented by Dr.Gwang (ETRI).

**Q and A**

10.1 Is SGS flexible? Yes, it is will inherite the same property as .22

10.2 Slide 16, what is the relationship between the percentage overhead and the number of users? The relationship between them are derived by calculation.

11. Presentation 22-12-0088-00-000b “Resource allocation for IEEE 802.22b systems”was presented by Dr. Hwang (ETRI).

**Q and A**

11.1 Slide 5, how these two numbers are obtained?

11.2 Slide 4, is it the same for downstream as well? We mainly concern about upstream.

11.3 Slide 10, can devices be managed by IP and MAC address?

12. The meeting was recessed 0955 AM.

**IEEE 802.22b Task Group**

**15th Nov (Thursday), AM2**

**Minutes:**

1. The meeting was called to order by Dr. Pyo.

 2. Document 22-12-0090-03-000b was presented by Dr Pyo and Dr Oodo.

**Q and A:**

2.1 What is the motivation for making such big change?

2.2 It was suggested to provide performance comparison between exsting .22 pilot pattern and the proposed pilot pattern.

2.3 Why is 1K FFT chosen?

2.4 It was suggested to provide performance evaluation of the proposed PHY parameters in Channel Model B

3. Document 22-12-0101-00-000b was presented by Dr. Zhang

**Q and A:**

3.1 How is 5.6 MHz sampling frequency determined?

3.2 To make the existing .22 PHY ssatisfy FCC requirement and requiring lower complexity filter, we could increase the number of null carrier at both end. This will have the same effect of the proposed PHY and minimum change.

4.The meeting was recessed at 12:25PM**.IEEE802.22b Task Group**

**15th Nov (Thursday), PM1**

**Minutes:**

1. The meeting was called to order by Dr. Pyo.

2. Dr Toh presented document 22-12-0087-00-000b.

**Q and A**

2.1 What is the difference between channel bonding and channel aggregation.

3. Dr. Sasaki and Dr. Zhao presented document 22-12-0091-00-000b

**Q and A**

3.1 ¼ CP should be used to avoid problem occurs in slide 17.

4. Dr Apurva presented document 22-12-0089-00-000b.

5. The meeting was recessed at 3:30.