**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | Minutes of IEEE 802.15.8 TG Interim Meeting on May 2015 in Vancouver, Canada |
| Date Submitted | May 18th , 2015 |
| Source | Marco Hernandez (NICT) |
| Response |  |
| Abstract |  |
| Purpose | For reference in TG8  |
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1. TG8 sessions

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1. Minutes

Chair: Prof. Myung Lee (CUNY) USA.

Secretary: Marco Hernandez (NICT) Japan.

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Monday May 11th, PM1 session

−Chair calls the meeting to order.

**Chair:** The meeting's agenda is in DCN 15-297r0. The plan is to finish the 1st draft version.

**Chair:** Who wants a slot for a presentation?

−The agenda DCN 15-297r1 is approved unanimously.

−Minutes of the previous meeting DCN 15-270r0 are approved unanimously.

**Chair:** Let's hear a report for the teleconferences, Marco?

1st presenter is Marco (NICT) DCN 15-0370r0 "Summary of teleconferences previous to the May meeting"

**Comments:**

**BJ:** Na sent me an email requesting the days I was available. I sent him my available days, but he never replied back.

2nd presenter is BJ (ETRI) DCN 15-0343r0 "New definitions of terminologies for PAC draft standard"

**Comments:**

−After discussion, the group decided on text for new definitions.

3rd presenter is Marco (NICT) DCN 15-372r0 "Control and management information in high mobility PHY"

**Comments:**

**Billy:** Please change msec to ms.

Marco moves a motion to approve the text in DCN 15-372r1 "Control and management information in high mobility PHY" into the Draft Standard v0.11.

Second: BJ.

Discussion: none.

Official vote:

In favor: 6. Oppose: 0. Abstain: 0. Motion carries.

4th presenter is Marco (NICT) DCN 15-373r0 "Channel access for CFP"

**Comments:**

**BJ:** Do you need to consider LIFS and SIFS only?

−After discussion, the group decided to adopt LIFS, SIFS and leave it opens for more IFS if required.

Marco moves a motion to approve the text in DCN 15-373r1 "Channel access for CFP" into the Draft Standard v0.11.

Second: BJ.

Discussion: none.

Official vote:

In favor: 5. Oppose: 0. Abstain: 0. Motion carries.

5th presenter is Marco (NICT) DCN 15-374r0 "Resource slot request command"

**Comments:**

−After discussion, the group agreed to continue the discussion in a white board tomorrow.

**Chair:** Let's take a recess.

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Monday May 11th, PM2 session

−Chair calls the meeting to order.

6th presenter is Marco (NICT) DCN 15-376r0 "Device discovery text"

**Comments:**

−After discussion, the group agreed to continue the discussion with a white board tomorrow.

7th presenter is BJ (ETRI) "Draft General Descriptions", document sent to the email reflector.

**Comments:**

−After discussion, the group decided on general descriptions and to continue the discussion tomorrow.

**Chair:** Let's recess until AM2 tomorrow.

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Tuesday May 12th, AM2 session

−Chair calls the meeting to order.

−Discussion with BJ continues:

−After discussion, the group decided on general descriptions and definitions to be voted later.

**Chair:** Let's take a recess.

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Tuesday May 12th, PM1 session

−Chair calls the meeting to order.

8th presenter is Marco (NICT) DCN 15-395r0 "Distributed scheduling for CFP"

**Comments:**

−As this proposal is still in progress, the group gave feedback for the next presentation.

9th presenter is Marco (NICT) DCN 15-376r0 "Resource slot allocation and management"

Comments:

−The group decided in some text, but the rest depends on the final text for "Distributed scheduling for CFP". Thus, it will be presented for the next meeting.

**Chair:** Let's take a recess.

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Tuesday May 12th, PM2 session

−Chair calls the meeting to order.

10th presenter is Dr. Joo (ETRI) DCN 15-396r0 "Identifiers for PAC MAC sub-layer"

**Comments:**

−After a long discussion, several concepts for MAC source/destination address were modified. The discussion will continue tomorrow.

**Chair:** Let's recess until AM1 tomorrow.

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Wednesday May 13th, AM1 session

−Chair calls the meeting to order.

**Chair:** I asked Bob about the MAC address IEEE format, and because of compatibility with the rest of the World, we have to use 48 bits instead of 64 bits.

**Chair:** Also, Bob mentioned that we have until November to submit letter ballot. Otherwise, we need to request an extension before November.

11th presenter is BJ (ETRI) DCN 15-341r1 "Text for General Description of PAC"

**Comments:**

**Li:** Do you have Aloha for the UWB PHY?

**Response:** Yes.

BJ moves a motion to approve the text in DCN 15-341r1 "Text for General Description of PAC" into the Draft Standard v0.11.

Second: Marco.

Discussion: none.

Official vote:

In favor: 7. Oppose: 0. Abstain: 0. Motion carries.

BJ moves a motion to approve the text in DCN 15-342r2 "New Acronyms for PAC Draft Standard" into the Draft Standard v0.11.

Second: Joo.

Discussion: none.

Official vote:

In favor: 7. Oppose: 0. Abstain: 0. Motion carries.

BJ moves a motion to approve the text in DCN 15-343r1 "New definitions of terminologies for PAC draft standard" into the Draft Standard v0.11.

Second: Marco.

Discussion: none.

Official vote:

In favor: 7. Oppose: 0. Abstain: 0. Motion carries.

12th presenter is Li (NICT) DCN 15-407r0 "Text for General Description of PAC"

**Comments:**

−After discussion, the group decided some changes in the text. The discussion will continue after

MAC addressing is decided by the group.

13th presenter is BJ (ETRI) DCN 15-340r0 "Secret Key Agreement Protocol for IEEE 802.15.8 PAC"

**Comments:**

**Igor:** In case of users nearby with correlated channels, is there eavesdropping?

**Response:** Maybe, I need to check it.

**Chair:** Let's take a recess.

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Wednesday May 13th, PM1 session

−Chair calls the meeting to order.

**Chair:** Let's continue the discussion about MAC addressing.

The discussion with Dr. Joo (ETRI) DCN 15-396r0 "Identifiers for PAC MAC sub-layer" continues:

**Comments:**

−After discussion, the group decided definitions on MAC addressing and to continue the discussion tomorrow.

**Chair:** Let's recess until AM1 tomorrow.

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Thursday May 14th, AM1 session

−Chair calls the meeting to order.

14th presenter is Li (NICT) DCN 15-407r1 "Text for General Description of PAC"

**Comments:**

−After discussion, the group decided on text for peering and voting later.

The discussion with Dr. Joo (ETRI) DCN 15-396r1 "Identifiers for PAC MAC sub-layer" continues:

**Comments:**

−The discussion will continue in the next session.

**Chair:** Let's take a recess.

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Thursday May 14th, AM2 session

−Chair calls the meeting to order.

Li moves a motion to approve the text in DCN 15-430r1 "Motion for approval of peering related command" into the Draft Standard v0.11.1.

Second: Marco.

Discussion: none.

Official vote:

In favor: 7. Oppose: 0. Abstain: 0. Motion carries.

15th presenter is Billy (Decawave) DCN 15-429r0 "Text for relative positioning and location"

**Comments:** None.

The discussion with Dr. Joo (ETRI) DCN 15-396r1 "Identifiers for PAC MAC sub-layer" continues:

**Comments:**

−After discussion the group decided on the MAC addressing format for PAC.

Joo moves a motion to approve MAC addressing in DCN 15-396r4 "Identifiers for PAC MAC sublayer" into the Draft Standard v0.11.1.

Second: BJ.

Discussion: none.

Official vote:

In favor: 7. Oppose: 0. Abstain: 0. Motion carries.

Chair: Let's take a recess.

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Thursday May 14th, PM1 session

−Chair calls the meeting to order.

−Chair reads the closing report.

−Teleconferences are scheduled as:

Wednesday June 10th at 7:00 AM EDT; 12:00 PM Ireland; 8:00 PM Japan/Korea.

Wednesday July 1st at 8:00 PM EDT; Tuesday July 2nd at 1:00 AM Ireland; 9:00 AM Japan/Korea.

16th presenter is BJ (ETRI) DCN 15-425r0 "On the optimization of the random access scheme for PAC"

**Comments:**

−BJ describes the differences of this proposal with known approaches.

17th presenter is Joo (ETRI) DCN 15-434r0 "Extension of PAC Superframe"

**Comments:** none.

18th presenter in Marco (NICT) DCN 15-375r1 "Device discovery"

**Comments:**

−After discussions, high level IDs (Peer ID, Group ID and Application ID) were decided to be left TBD at the moment.

Marco moves a motion to approve the text in DCN 15-374r1 "Device discovery" into the Draft Standard v0.11.1.

Second: BJ.

Discussion: none.

Official vote:

In favor: 7. Oppose: 0. Abstain: 0. Motion carries.

19th presenter in Marco (NICT) DCN 15-374r1 "Resource slot request command"

**Comments:**

−After discussion, the table for MAC addressing mode fields are split into 2 tables for source and destination.

Marco moves a motion to approve the text in DCN 15-374r2 "Resource slot request command" into the Draft Standard v0.11.1.

Second: BJ.

Discussion: none.

Official vote:

In favor: 7. Oppose: 0. Abstain: 0. Motion carries.

−BJ goes through the Draft Specification v 0.11.1

BJ moves a motion to approve the Draft Standard v0.11.1 to v 0.12.0

Second: Joo.

Discussion: none.

Official vote:

In favor: 6. Oppose: 0. Abstain: 0. Motion carries.

**Chair:** Please check the remaining issues in DCN 15-74r4 and please volunteer to resolve those during the next teleconference.

**Chair:** The meeting is adjourned.