**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 Plenary Meeting on July 2015 in Waikoloa, Hawaii |
| Date Submitted | July 21st , 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 July 13th, AM2 session

−Chair calls the meeting to order.

**Chair:** The meeting's agenda is in DCN 15-0502r0. The plan is to finish the 1st draft version.

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

−The agenda in DCN 15-0502r1 is approved unanimously.

Minutes of the previous meeting DCN 15-0444r0 are approved unanimously.

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

1st presenter is Marco (NICT) DCN 15-0529r0 "Summary of teleconferences previous to the July meeting"

**Comments:**

**Prof. Lee:** Ok, we have one contribution pending from Qing.

2nd presenter is Marco (NICT) DCN 15-539r0 "PAC IDs"

**Comments:**

−After discussion, moving the proposed motion was postponed to tomorrow after the group hears more about MAC contributions.

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

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Tuesday July 14th, AM2 session

−Chair calls the meeting to order.

**Chair:** In clause 6 of 15.4 is about service primitives, I think we can borrow some.

3rd presenter is Marco (NICT) DCN 15-0559r0 "TG8 MAC information flow and service primitive"

**Comments:**

**Billy:** in 15.4 since the 2011 version, the PHY service primitives were removed.

**Chair:** Then, we just need to focus on the MAC user to MAC service primitives.

−The group discussed the case of discovery, peering and data communication service primitives based on the MMLS service primitives on the presentation and flow charts on the Draft v0.12. Marco compiled the discussion and Qing volunteered for new flow chart one-to-many after Figure 22 of the Draft Specification (the same for re-peering and di-peering). Such discussion will be presented by Marco in the next meeting.

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

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Tuesday July 14th, PM1 session

−Chair calls the meeting to order.

4th presenter is Qing (Interdigital) DCN 15-0540r0 "tg8-mac-draft-text-for-peering-depeering"

**Comments:**

After discussion the group made modifications in the text. Those are captured in DCN 15-554r1.

Marco moves a motion to change Table 1 in draft 0.12 by the table in slide 9 of DCN 15-0539-r1 "PAC IDs" into the Draft Standard v0.13

Second: Li.

Discussion: none.

Official vote:

In favor: 8. Oppose: 0. Abstain: 0. Motion carries.

Chair: Let's take a recess till tomorrow.

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Wednesday July 15th, AM1 session

Chair calls the meeting to order.

5th presenter is BJ (ETRI) DCN 15-0550r1 "High Efficiency RTS/CTS Handshaking Minimizing Exposed Node Problems"

**Comments:**

**Li:** Do you have simulation results to show the performance improvement?

**Response:** We have; I will present those next time.

6th presenter is Marco (ETRI) DCN 15-0550r1 "Random access for CFP"

**Comments:**

**BJ:** As you request to change part of the PHY text to the MAC section, regarding peering, I need to check and harmonize with your text.

**Response:** Ok, I will hold moving such text to the MAC section, so we can harmonize.

Marco moves a motion in slide 2 of DCN 15-541r1 "Motions for peering in CFP"

(Delete sub-clauses 9.2.15, 9.2.16 in Draft v 0.12 and create sub-clause 9.2.15 in Draft 0.13 with the text in clause 2 (and sub-clauses) of DCN 15-15-0540-01-0008).

Second: BJ.

Discussion: none.

Official vote:

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

7th presenter is BJ (ETRI) DCN 15-0523r0 "Draft text for superframe structure of PAC"

**Comments:**

This contribution was presented in behalf of Dr. Joo. After discussion, the group needs further clarifications from Dr. Joo.

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

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Wednesday July 15th, PM1 session

−Chair calls the meeting to order.

8th presenter is Marco (NICT) DCN 15-0578r0 "Resource slot allocation and management"

Comments:

−The group discussion is postponed to the next session.

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

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Wednesday July 15th, PM2 session

−Chair calls the meeting to order.

−The discussion about contribution: DCN 15-0578r0 "Resource slot allocation and management" continues.

−After discussion, the contribution, based on 15.4, contains some PHY references. Such PHY references are related to scheduling for CFP. As the group do not have a clear proposal for that, it is better to make clear the scheduling for CFP before proceeding with this text.

−The group decided on teleconferences before the September meeting:

August 7th at 7:00 AM EDT, 8:00 PM Japan/Korea, Ireland 12:00 PM

September 1st at 8:00 PM EDT, 9:00 AM (September 2nd) Japan/Korea, Ireland 1:00 AM

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

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Thursday July 16th, AM2 session

H.B. Li chairs in behalf of Prof. Lee.

−Chair calls the meeting to order.

Billy moves a motion to accept the text in DCN 15-0429-r1 "Text for relative positioning and location" into the Draft Standard v0.13.

Second: Marco

Discussion: none.

Official vote:

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

9th presenter is Qing (Interdigital) DCN 15-0r0 "tg8-mac-draft-text-for-power-control"

**Comments:**

−After discussion, the group made some changes to the text, which will be discussed later.

10th presenter is Qing (Interdigital) DCN 15-554r1 "tg8-mac-draft-text-for-peering-depeering"

**Comments:**

−After discussion, the group made some changes to the text.

Qing moves a motion to accept the text in DCN 15-54r1 "tg8-mac-draft-text-for-peering-depeering" into the Draft Standard v0.13.

Second:

Discussion: none.

Official vote:

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

−The group discusses how to proceed with the remaining items. BJ suggested to quickly approving the Draft text. Marco mentioned we needed a close follow up of the Draft, because he found out a sub-clause that should not be there and said BJ sneaked it in. This discussion will continue in the next session.

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

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Thursday July 16th, PM1 session

−Chair calls the meeting to order.

−BJ clarifies the misunderstanding with clause 5.7.2 in the Draft. Such text was approved previously as the minutes of September 2014 and approved motions document show. Marco recognized his mistake and apologized. TG8 moved on to the next item.

11th presenter is BJ (ETRI) DCN 15-582r0 "Updates on the random access scheme for PAC with simulations"

**Comments:** none.

12th presenter is Qing (Interdigital) DCN 15-584r3 "tg8-mac-draft-text-for-power-control"

**Comments:**

−After discussion, the group made some changes to the text.

Qing moves a motion to accept the text in DCN 15-584r4 "tg8-mac-draft-text-for-power-control" into the Draft Standard v0.13.

Second: Igor.

Discussion: none.

Official vote:

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

12th presenter is Billy (Decawave) DCN 15-592r0 "A MAC frame format including Information Elements"

**Comments:**

−After discussion, the group sees IEs concept as promising. Billy will prepare a proposal for the next meeting.

13th presenter is Qing (ETRI) DCN 15-r0420r1 "TG8 MAC Draft Text for Data Request PAC group ID Orphan Notification"

**Comments:**

−After discussion, the group decided that the text is specific to 15.4 and not applicable to TG8.

(Possible line of direction: 5.3.4 "PAC Multicast Group ID conflict notification command").

**Chair:** The meeting is adjourned.