**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 teleconference meeting on April 22nd EDT, 2015.  |
| Date Submitted | April 23rd , 2015 |
| Source | Marco Hernandez (NICT) |
| Response |  |
| Abstract |  |
| Purpose | For reference in TG8  |
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Chair: Prof. Myung Lee (CUNY) USA.

Secretary: Marco Hernandez (NICT), Japan.

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Wednesday April 22nd, 8:00 PM EDT.

**Participants:** Qing, Marco, HB Li, Prof. Lee, Dr. Na, Dr. Juu, BJ.

−Chair calls the teleconference meeting to order.

**Chair:** In the meeting's agenda, we have 3 presentations

1st presenter is Marco (NICT) DCN 15-311r0 "Resource request command text".

**Comments:**

**Prof. Lee:** In the table of slide 5, what is x-y?

**Response:** The number of bits. Because we have not decided those yet, I placed x to y.

**BJ:** In slide 4, what is macPACid?

**Response:** It is inherited from 15.4. Because we have not decided about PAC IDs, I placed TBD next to it.

2nd presenter is WS Na (Chung-Ang University) DCN 15-315r0 "PAC Authentication Procedure".

**Comments:**

**Qing:** About the PIN distribution by TLS. That requires PDs to be connected to an IP network, right?

**Response:** Yes.

**Prof. Lee:** Your proposal is about one-to-one set up. In case of many PDs, what about scalability?

How to set up group key or keys?

**Response:** none.

**Prof. Lee:** TG8 already decided that a security engine is not going to be specified at the MAC level. We will specify an interface for security only. Thus, your proposal does not seem to work in that context.

**Prof. Lee:** I know TG10 will use TG9 management key protocol. We likely follow the same approach.

**Prof. Lee:** Can you communicate with BJ? He may guide you.

**BJ:** If Dr. Na is willing to contribute to security for PAC; I can meet him before the May meeting as he does not attend the meetings.

**Na:** I will attend this May meeting.

**Prof.** **Lee:** Anyhow, I think it is a good idea that you meet with BJ before the May meeting.

**Chair:** Next presentation is by BJ.

3rd presenter is BJ (ETRI) set of documents sent to the email reflector:

1) P802.15.8\_D0.10.0+acronyms.doc

**BJ:** There are some acronyms added, although some are missing like RASS.

**Marco:** I do not remember RASS at the top of my head. Please give me some time.

2) P802.15.8\_D0.10.0+defs.doc

**BJ:** I collected more definitions, but there are some others missing.

−For missing definitions, champions were decided to provide a definition. Such document will be recirculated.

3) P802.15.8\_D0.10.0+4.General\_description.doc

**BJ:** I placed the 15.4 texts and new created PAC text together for comparison.

**HB Li:** About Aloha being deleted. I think UWB proposers require Aloha.

**Response:** We will deal with that in Vancouver.

**HB Li:** In scenarios one-to-one and one-to-many, many-to-many is missing.

**BJ:** Many-to-many can be seen as a collection of multiple one-to-many.

**HB Li:** In many-to-many, it is a distinguished characteristic of PAC compared to other standards.

**Response:** Ok, let's discuss that in Vancouver.

**Qing:** About 15.4 addressing. Do we consider short and extended addressing?

**Response:** It needs further discussion. In the 15.4 standard, short addressing is considered because of power consumption considerations, but PAC is different.

**Chair:** We are in overtime. We still have another teleconference before the May meeting. We can resume BJ’s contributions during the 3rd teleconference.

**BJ:** Ok.

**Chair:** Any comments? Hearing none, the teleconference meeting is adjourned.