**IEEE 802.15**

**Wireless Specialty Networks (WSN)**

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| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSN) |
| Title | **IEEE 802.15 TG14 (UWB-AHN) Minutes** |
| Date Submitted | [25 January, 2022] |
| Source | [Clint Powell][Meta][Chandler, AZ] | Voice: [+1.480.586.8457]Fax: [--]E-mail: [cpowell@ieee.org] |
| Re: | [January 802.15 Interim Meeting held virtually] |
| Abstract | [IEEE 802.15 TG14 Mtg. Minutes] |
| Purpose | [Official minutes of IEEE 802.15 TG14] |
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# Thursday, 20 January 2022 – PM1 (Joint .4ab, .14, .15)

**Opening**

**1:10 PM** TG Chairs, Ben Rolfe (Blind Creek Associates), Clint Powell (Meta), Phil Beecher (Wi-Sun Alliance), called the meeting to order and opened the agenda
(*doc. # 15-22-0034-00-0000*)

* ~ 68 attendees joined the meeting

## Legal

TG Chairs reminded the group of the following from the 802.15 opening meeting:

* IEEE-SA patent policy
* Submission of Letter(s) of Assurance (LoA) or to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for any of the ongoing activities within the 802.15 WG.
	+ No essential patent claims were brought forth
* IEEE Anti-Trust statement
* IEEE Copyright Policy, including Code of Ethics

**Announcements**

Don’t forget to turn on your mic and announce your name and affiliation before you speak.

Chairs reviewed the agenda (contained in the opening slides) for the week. After reviewing no changes were made and the Chairs asked if there were any objections to approving the agenda.

No one objected to approving the agenda, and it was approved by unanimous consent.

**TG Meeting Activity**

Chairs communicated that Outreach Letters to External SDO’s using the 802.15.4 Standard went out prior to the Jan. Mtg.

Chairs gave a recap of the 802.1/802/15 Joint Session.

Chairs discussed giving a tutorial workshop on TG4ab, TG14, TG15 as a follow-up to the Outreach

* Timeframe: mid. Feb.
* Duration: 45min + 15 min Q&A
* 3 chairs will develop content, 2-3 slides for each TG plus intro

Chairs asked if there was any other business?

* None was heard

Chairs adjourned the joint mtg. @ 2:15pm.

# Thursday, 20 January 2022 – PM2

**Opening**

**3:10 PM** Chair, Clint Powell (Meta), called the meeting to order and opened the TG Opening Slides (*doc. # 15-22-0035-00-0014*)

* ~ 40 attendees joined the meeting

## Legal

Chair reminded the group of the following from the 802.15 opening meeting:

* IEEE-SA patent policy
* Submission of Letter(s) of Assurance (LoA) or to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for any of the ongoing activities within the 802.15 WG.
	+ No essential patent claims were brought forth
* IEEE Anti-Trust statement
* IEEE Copyright Policy, including Code of Ethics

**Announcements**

Don’t forget to turn on your mic and announce your name and affiliation before you speak.

Chair asked if there were any objections to approval of prior mtg. mins.

No one objected to approving the prior mtg. mins., and it was approved by unanimous consent.

*(doc. # 15-21-0629-00-0014)*

Moved by: Phil Beecher (Wi-Sun Alliance)

Second: Ben Rolfe (Blind Creek Associates)

No objections - Approved by unanimous consent

Chair reviewed the agenda (contained in the opening slides) for the mtg. After reviewing no changes were made and the Chair asked if there were any objections to approving the agenda.

No one objected to approving the agenda, and it was approved by unanimous consent.

**TG Meeting Activity**

Using the meeting slides *(doc. # 15-22-0035-00-0014)* Chair proceeding with running the meeting.

Chair reviewed status and objectives for the week.

Clint Powell (Meta) will continue as acting Chair until a permanent Chair is found.

TG14 activities have been rolled into TG4ab until new officers identified for TG14 and bandwidth of participants interested in TG14 UWB eases up from high overlap of participants in TG4ab.

Chair made a verbal call for Chair and other officers, with no response.

Chair communicated that Outreach Letters to External SDO’s/Consortiums using the 802.15.4 Standard were sent out prior to the Jan. Mtg.

Chair asked if there was any other business?

* None was heard

Chair adjourned the mtg. @ 3:45pm.

# Friday, 21 January 2022 – AM2 (Joint .4ab, .6a, .15)

**Opening**

**11:10 AM** TG Chairs, Clint Powell (Meta), Ben Rolfe (Blind Creek Associates), Ryuji Kohno (YNU), called the meeting to order and opened the agenda
(*doc. # 15-22-0037-00-0000*)

* ~ 72 attendees joined the meeting

## Legal

TG Chairs reminded the group of the following from the 802.15 opening meeting:

* IEEE-SA patent policy
* Submission of Letter(s) of Assurance (LoA) or to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for any of the ongoing activities within the 802.15 WG.
	+ No essential patent claims were brought forth
* IEEE Anti-Trust statement
* IEEE Copyright Policy, including Code of Ethics

**Announcements**

Don’t forget to turn on your mic and announce your name and affiliation before you speak.

Chairs reviewed the agenda (contained in the opening slides) for the week. After reviewing no changes were made and the Chairs asked if there were any objections to approving the agenda.

No one objected to approving the agenda, and it was approved by unanimous consent.

**TG Meeting Activity**

Goals from Nov. Plenary

* Updates from TG6a on channel model

Several presentations were then given:

Presentation given by Takumi Kobayashi, Minsoo Kim, Marco Hernandez, Ryuji Kohno "Dynamic Channel and Environmental Modeling Scheme for BANs on TG15.6a"

<https://mentor.ieee.org/802.15/dcn/22/15-22-0023-00-006a-dynamic-channel-and-environmental-modeling-scheme-for-bans-on-tg15-6a.pptx>

Presentation given by Carlos Aldana, Andreas Molisch, Morteza Mehrnoush, Chunyu Hu "Measurement based BAN channel model for XR applications: Part I"

<https://mentor.ieee.org/802.15/dcn/22/15-22-0062-00-04ab-measurement-based-ban-channel-model-for-xr-applications-part-i.pptx>

Presentation given by Benjamin Rolfe "Snapshot of TG4ab PHY topics Jan 2022"

<https://mentor.ieee.org/802.15/dcn/22/15-22-0038-01-04ab-snapshot-of-tg4ab-phy-topics-jan-2022.pptx>

Presentation given by Minsoo Kim, Takumi Kobayashi1, Marco Hernandez, Ryuji Kohno "MAC Bridging for Time-Sensitive Networking of 802.15.6a"

<https://mentor.ieee.org/802.15/dcn/22/15-22-0024-01-006a-mac-bridging-for-time-sensitive-networking-of-802-15-6a.pptx>

Q&A and discussion occurred after each presentation.

Chairs asked if there was any other business?

* None was heard

Chairs adjourned the joint mtg. @ 1:00pm.