**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **<IEEE802.15 SG 14 (NS-UWB) minutes>** | |
| Date Submitted | [20 July 2021] | |
| Source | [Clint Powell] [] [Chandler, AZ] | Voice: [+1.480.586.8457] Fax: [--] E-mail: [cpowell@ieee.org] |
| Re: | [July 802.15 Plenary Meeting held virtually] | |
| Abstract | [IEEE 802.15 Study Group 14 minutes] | |
| Purpose | [Official minutes of IEEE 802.15 SG 14] | |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. | |

# Thursday, 15 July 2021 – PM1 (Joint .14, .15, .4ab)

**Opening**

**1:05 PM** SG Chairs, Ben Rolfe (Blind Creek Associates), Clint Powell (Facebook), Phil Beecher (WiSun), called the meeting to order and opened the mtg.

* > 70 attendees joined the meeting

## Legal

SG 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.

**SG Meeting Activity**

Clint Powell reviewed the comments received on Wed. eve from:

* WG 802.11
* WG 802.1

Proposed responses were generated for all comments raised on the .14, .15, and .4ab PARs and CSDs. The proposed responses will be reviewed and adjusted by the individual SG’s and re-coordinated/synched between the SG chairs.

Chairs adjourned the joint mtg. @ 2:57pm.

# Friday, 16 July 2021 – PM2

**Opening**

**3:05 PM** Chair, Clint Powell (Facebook), called the meeting to order and opened the SG Agenda (*15-21-0347-00-0014*)

* > 30 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 announced the agenda doc. # for the week. After reviewing no changes were made and a motion to approve was heard:

Moved by: Kunal Shah (Itron)

Seconded by: Ben Rolfe (Blind Creek Associates)

No one objected to approving the modified agenda, approved by unanimous consent  
*(doc. # 15-21-0347-00-0014)*.

Chair asked for approval of prior mtg. mins. No changes were requested and a motion to approve was heard:

Moved by: Ben Rolfe (Blind Creek Associates)

Seconded by: Kunal Shah (Itron)

No one objected to approving the modified agenda, approved by unanimous consent  
*(doc. # 15-21-0321-00-0014)*.

**SG Meeting Activity**

Using the meeting slides *(doc. # 15-21-0376-00-0014)* Chair proceeding with running the meeting.

Chair reviewed status and objectives for the week.

Chair reviewed the proposed responses to the comments received from 802.1, 802.3, and 802.11 on the P802.15.14 PAR and CSD. Some minor changes were made to the responses. No objections were heard to the proposed responses.

Chair recessed the mtg. @ 3:59pm, until Mon. PM2

# Monday, 19 July 2021 – AM2 (Joint .4ab, .6a, .15)

**Opening**

**11:05 AM** SG Chairs, Ben Rolfe (Blind Creek Associates), Clint Powell (Facebook), Ryuji Kohno (YNU/YRP-IAI), called the meeting to order and opened the mtg.

## Legal

SG 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.

**SG Meeting Activity**

Clint Powell reviewed the SG6a responses to comments received on P802.15.6a from:

* WG 802.1
* WG 802.3
* WG 802.11

These were compared to the WG slide decks being generated for the EC closing and the responses were aligned to match.

Chairs adjourned the joint mtg. @ 12:58pm.

# Monday, 19 July 2021 – PM2

**Opening**

**3:05 PM** Chair, Clint Powell (Facebook), called the meeting to order and opened the SG Agenda (*15-21-0347-00-0014*)

* ~ 20 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.

**SG Meeting Activity**

Chair reviewed status and objectives for the day.

Chair asked if there were any comments to the proposed responses to the comments received from 802.1, 802.3, and 802.11 on the P802.15.14 PAR and CSD. None were raised.

Chair then kicked off formulating a response to comment from 802.1 on Compatibility in the CSD. The response and text generated for the P802.15.14 CSD will be used by P802.15.15 as well. A (different) response was generated for P802.15.4ab.

Chair recessed the mtg. @ 4:57pm, until Tues. PM2

# Tuesday, 20 July 2021 – PM2

**Opening**

**4:05 PM** Chair, Clint Powell (Facebook), called the meeting to order and opened the SG Agenda (*15-21-347-00-0014*)

* > 20 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.

**SG Meeting Activity**

Using the working meeting slides *(doc. # 15-21-0376-02-0014)* Chair proceeding with running the meeting.

Chair asked if anyone wanted to review all the responses to comments received on the P802.15.14 PAR and CSD, contained in *(doc. # 15-21-0376-02-0014*). No requests were heard.

Chair asked if anyone wanted to review all the latest version of the PAR and CSD updated per the responses to comments received on the P802.15.14 PAR and CSD, contained in *(doc. # 15-21-0376-02-0014*). No requests were heard.

Before entertaining motions, the Chair saved the working version of the SG14 meeting slides *(doc. # 15-21-0376-02-0014).*

SG – Motion on Reponses to Comments Received on P802.15.14 PAR and CSD

*MOTION: Request that the responses to received PAR and CSD review comments contained in document 15-21-0376-02 be approved for submission to the WG for its approval. The 802.15 working group chair and technical editor are authorized to make additional modifications to the responses as needed.*

Moved by: Ben Rolfe (Blind Creek Associates)

Seconded by: Phil Beecher (Wi-SUN Alliance)

Discussion: None

Vote: No objections, unanimously approval – motion passes (>75%), with 24 participants on call

SG – Motion on PAR and CSD

*MOTION: “Request that the PAR and CSD contained in documents [15-21-0274-07-0014] and [15-21-0278-07-0014], respectively, be approved for submission to the WG for its approval and that the EC be requested to forward the PAR to NesCom.”*

Moved by: Ben Rolfe (Blind Creek Associates)

Seconded by: Phil Beecher (Wi-SUN Alliance)

Discussion: None

Vote: No objections, unanimously approval – motion passes (>75%), with 24 participants on call

Chair discussed the next steps and the Sept. Interim mtg. proposed # of sessions to request.

Chair adjourned the mtg. @ 4:35pm