**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **<802.15 TG4ab (NG-UWB) Conf. Call Mins. Mar. to May. 2023>** | |
| Date Submitted | [12 May, 2023] | |
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| Re: | [802.15 TG4ab Conf. Call Mins] | |
| Abstract | [Official Minutes of the Call] | |
| Purpose | [Record the main points of the call] | |
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**802.15 TG4ab (NG-UWB) Conf. Call Minutes**

**between Mar. and May. 2023 Mtgs.**

# Tuesday, 28 Mar 2023

**Opening**

**9:03 AM ET** 802.15 TG4ab Chair, Ben Rolfe (BCA), called the meeting to order

**Minutes**

~30 participants were noted during the duration of the call

Utilizing the meeting and agenda doc. # 15-23-0195-00, the Chair conducted the following business:

* Opening
* Reviewed IEEE Patent Policy
  + Made call for claims with no responses
* Reviewed IEEE SA Participation Policy
* Reviewed IEEE SA Copyright Policy
* Reviewed 802 Rules

**Announcement**

Chair reviewed the proposed agenda. There was no objection to the agenda. It passed with unanimous consent.

Chair reviewed the current status-quo in *doc. #15-23-0189-02*. There were 10 docs included. Chair further clarified some docs included both slides and proposed text. This was confusing for people to read. Chair explained the following progress of draft 0.

Editor Billy Verso (Qorvo) explained his thought on how to move forward on the text writing of draft 0. There were several discussions to make the progress clearer.

Chair asked if there is any other business to discuss. No request heard.

Chair adjourned the call @9:44am ET.

# Tuesday, 11 Apr 2023

**Opening**

**9:03 AM ET** 802.15 TG4ab Chair, Ben Rolfe (BCA), called the ad-hoc meeting to order

**Minutes**

>30 participants were noted during the duration of the call

Utilizing the meeting and agenda doc. # 15-23-0204-00, the vice chair conducted the following business:

* Opening
* Reviewed IEEE Patent Policy
  + Made call for claims with no responses
* Reviewed IEEE SA Participation Policy
* Reviewed IEEE SA Copyright Policy
* Reviewed 802 Rules

**Announcement**

Chair reviewed the proposed agenda. There was no objection to the agenda. It passed with unanimous consent.

Chair reviewed the project milestones.

Editor Billy Verso (Qorvo) introduced his progress of work on draft 0. He has sent questions/comments to authors of some documents and received responses through emails, e.g., association IE. Chair recommended to use the email reflector. Chair was thinking of using some call or ad hoc for the discussions on association IE. Kangjin Yoon (Meta) explained the motivation of association IE design. Clint Chaplin (Samsung) suggested to have another document in case that the IEs are related to certification. Billy Verso (Qorvo) further explained there are three IEs and no text on how to use them. Kangjin Yoon (Meta) planned to have another contribution to fix this problem.

Chair introduced that the revision may happen between May and July. Billy Verso (Qorvo) further explain that there are many issues with the text in current documents and still lots of blank sections in MAC. The original plan may be too optimistic. Chair reminded people especially authors to provide more details and text for draft 0.

Chair reminded people to register May interim. Chair introduced briefly his plan in Orlando to encourage people to focus more on draft 0.

There were some discussions on volunteers for the document of coexistence based on Billy’s request.

Chair adjourned the call @9:49am ET.

# Tuesday, 25 Apr 2023

**Opening**

**9:03 AM ET** 802.15 TG4ab Chair, Ben Rolfe (BCA), called the meeting to order.

**Minutes**

~40 participants were noted during the duration of the call

Utilizing the meeting and agenda doc. # 15-23-0206-01, the Chair conducted the following business:

* Opening
* Reviewed IEEE Patent Policy
  + Made call for claims with no responses
* Reviewed IEEE SA Participation Policy
* Reviewed IEEE SA Copyright Policy
* Reviewed 802 Rules

**Announcement**

Chair reviewed the proposed agenda. There were some requests to make changes. There was no objection to the updated agenda. It passed with unanimous consent.

Chair reviewed the schedule major milestones.

Huan-Bang Li (NICT) presented “NB PHY assisted CCA for UWB medium access”

(*doc. # 15-23-0210-00*)

This presentation continues to introduce the concept of using different subcarriers of OFDM symbol to represent Duration, channels, etc.

Questions/comments raised include:

* Narrow band PHY is already defined. Not sure if a new PHY is needed
* How would the wide band receiver parse the signals?
* How to get the 2.5MHz bandwidth?

Ryuji Kohno (YNU/YRP-IAI) briefly went through “Agenda of Joint Session between TG15.6ma and TG4ab for Harmonization”

(*doc. # 15-23-0117-01*)

Discussions include UWB channels, control channel information, possible products and related antennas, etc. based on *doc. # 15-22-0639-02*.

Chair encouraged people to further discuss offline through 4ab email reflector.

Chair asked if there is any other business to discuss. No request heard.

Chair adjourned the call @10:03am ET.

# Tuesday, 9 May 2023

**Opening**

**9:03 AM PT** 802.15 TG4ab Chair, Ben Rolfe (BCA), called the ad hoc meeting to order.

**Minutes**

>30 participants were noted during the duration of the call

Utilizing the meeting and agenda doc. # 15-23-0219-01, the Chair conducted the following business:

* Opening
* Reviewed IEEE Patent Policy
  + Made call for claims with no responses
* Reviewed IEEE SA Participation Policy
* Reviewed IEEE SA Copyright Policy
* Reviewed 802 Rules

**Announcement**

Chair reviewed the proposed agenda. There was no objection to the agenda. It passed with unanimous consent.

Chair reviewed the schedule milestones.

Billy Verso (Qorvo) presented “Some thoughts on MAC interactions for sensing”

(*doc. # 15-23-0208-00*)

This presentation discusses MAC interactions and related primitives for sensing.

Taeyoung Ha (Samsung) presented “Updates for Multiple Transmission”

(*doc. # 15-23-0228-01*)

This presentation targets at increasing air time efficiency by allowing the multiple MMRS transmission in a slot.

Editor Billy Verso (Qorvo) briefly introduced his progress on draft 0.

Chair introduced the agenda for the F2Fmeeting in May.

WG chair Clint Powell (Meta) reminded authors to upload the documents as early as possible to leave time for people to review.

Chair asked if there is any other business to discuss. No request heard.

Chair adjourned the call @09:46am ET.