**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. Nov. 2021 to Jan. 2022>** | |
| Date Submitted | [12 Jan. 2022] | |
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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 Nov. and Jan. Mtgs.**

# Tuesday, 30 November 2021

**Opening**

**9:04 AM** 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. # 15-21-0632-00, 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

**Technical Discussions**

Chair reviewed the proposed agenda and asked if anybody wanted to discuss the topic in the list on the call today.

* Out-of-band signalling and narrow band assist
  + Discussions between Rani Keren (Huawei) and Ersen Ekrem (Apple) on the design of “NBA-MMS”.
* Preamble and Equalization
* Coding and related discussion
* Wake-up radio
* Updating channel models and related topics
  + Chair asked if anybody taking charge of channel model. Marco Hernandez mentioned that he was willing to work with Carlos Aldana (Meta) offline.
* Schedule discussion
  + Chair introduced the proposed project schedule baseline.

Chair reviewed the teleconference schedule.

Participants were reminded to register for Jan. mtg.

Chair asked if there is any other business, no request.

Chair adjourned the call @ 9:55am

# Tuesday, 14 December 2021

**Opening**

**9:05 AM** 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. # 15-21-0632-02, 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

**Technical Discussions**

Chair reviewed the proposed agenda and asked if anybody wanted to modify or object the agenda. No response received. The agenda is approved unanimously.

Chair reviewed the scope of the project and November meeting documents.

Chair presented “P802.15.4ab Call for Proposals”

(*doc. # 15-21-0635-00-04ab*)

Chair asked if there is any objection to the proposed procedure. No objection received.

Chair reviewed the Discussions cut short in Nov. No request received.

* Out-of-band signaling and narrow band assist
* Preamble and Equalization
* Coding and related discussion
* Wake-up radio

Chair reviewed the teleconference schedule. Chair asked if there is any question on the schedule. No response.

Chair asked if there is any other business. Clint Powell (Meta) proposed the time slot for joint discussion with 802.1 working group.

Chair adjourned the call @ 9:35am.

# Tuesday, 4 January 2022

**Opening**

**9:05 AM** 802.15.4ab TG 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. # 15-22-0003-00, 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
* Reviewed status of WG

Chair reviewed the meeting agenda, no objection heard.

Chair reviewed the agenda for Jan plenary meeting, no comments/objection heard.

Chair gave a recap of the document of “P802.15.4ab Call for Proposals”. Chair reminded people the deadlines for PHY and MAC will be developed on a slightly separate timeline.

* Submission of PHY feature sets by close May 2022 mtg.
* Submission of PHY feature sets by close of July 2022 mtg.

(*doc # 15-21-0635-01-04ab*)

Vice Chair Clint Powell (Meta) gave an overview of the matrix of proposals in “TG4ab Presentations by TGD Categories”. Chair asked that participants review and provide updates and help to refine cells.

(*doc # 15-21-0638-00-04ab*)

Chair reviewed the process suggestions, including preliminary proposals, technical framework document, technical guidance document, and content tracker. Chair encourage people to collaborate to reach consensus as early as possible.

(*doc # 15-22-0003-00-04ab*)

**Technical Discussions**

Chair reviewed the discussions cut short in Nov, and called for discussions on the remaining items.

* Out-of-band signaling and narrow band assist
* Preamble and Equalization
* Coding and related discussion
* Wake-up radio

Chair introduced the detailed arrangement for every day of Jan interim meeting. Discussions on the allocated time slots.

(*doc # 15-21-0644-02-04ab*)

Chair introduced a new idea of “Editor’s Corner”. Editor Billy Verso (Qorvo) mentioned that people are recommended to think in advance how to make changes based on current standard.

Chair reminded TG of call schedule:

* 1/11 @ 9am ET

Chair adjourned the call @ 10:03am

# Tuesday, 11 January 2022

**Opening**

**9:05 AM** 802.15.4ab TG Chair, Ben Rolfe (BCA), called the meeting to order

**Minutes**

More than 30 participants were noted during the duration of the call

Utilizing the meeting and agenda doc. # 15-22-0005-00, 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
* Reviewed status of WG

Chair reviewed the proposed meeting agenda, no objection heard.

Chair asked if there is any technical contribution. No request heard.

Chair reviewed the agenda for Jan plenary meeting. The Request to move AM2 to AM1 Monday will be taken offline for further discussion. Requests on the time slots of technical proposals will be updated in the agenda document.

Vice chair Clint Powell (Meta) reminded people to feedback on the matrix in the document “Contributions by TGD categories”.

(*doc # 15-21-0638-00-04ab*)

Chair reminded that Jan interim will start on Jan 14.

Chair adjourned the call @ 9:53am.