**IEEE 802.15**

**Wireless Specialty Networks (WSN)**

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| Project | IEEE 802.15 Working Group for Wireless Specialty Networks (WSN) |
| Title | **IEEE 802.15 TG 4ab (NG-UWB) minutes** |
| Date Submitted | [10 Oct, 2025] |
| Source | [Panpan Li][Huawei][Singapore] | Voice: []Fax: [--]E-mail: [lipanpan25@huawei.com] |
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| Re: | [2025 Sep 802.15 Interim Meeting held in Hybrid Mode] |
| Abstract | [IEEE 802.15 Task Group 4ab minutes] |
| Purpose | [Official minutes of IEEE 802.15 TG 4ab] |
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# Monday, 15 Sep, 2025 – PM1

**Opening**

**1:30 PM HST** Chair, Ben Rolfe (Blind Creek Associates), called the meeting to order and opened the TG Agenda.
(*15-25-0418-00-04ab*)

* >20 attendees joined the meeting

Chair introduced the hybrid meeting logistics.

Chair reminded the group of registration for 802 LMSC and wireless interim.

## 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**

Chair announced the agenda doc. *#15-25-0417-01-04ab* for the week. There were several requests on the time slots for presentations. The agenda was updated to doc. *#15-25-0417-02-04ab.* There was no further discuss on the agenda. It was passed with unanimous consent.

Chair reviewed the plans and objectives of this week.

Chair raised the motion of minutes for July plenary *(doc. # 15-25-0428-00-04ab)* and telecons between July and September 2025 *(doc. # 15-25-0438-00-04ab)*. No discussion heard.

No one objected to approve the minutes.

Vice Chair reviewed the comment submission progress and summary.

Editor reviewed the editorial comments.

**TG Meeting Activity**

Billy verso (Qorvo) presented “D02 Miscellaneous Comment Resolutions VII”

(*doc. # 15-25-0412-00-04ab*)

There were some discussions. More offline discussions are needed.

Benjamin A. Rolfe (BCA et al) presented “Resolution CIDs 10 14 278 94 253”

(*doc. # 15-25-0447-01-04ab*)

There were some discussions.

There was no objection to the comment resolutions as in *doc. # 15-25-0447-01-04ab.*

Pooria Pakrooh (Qualcomm) presented “Proposed Resolution for CID 595 on 15.4ab D2.0”

(*doc. # 15-25-0459-00-04ab*)

There was no objection to the comment resolutions as in *doc. # 15-25-0459-00-04ab.*

Billy verso (Qorvo) revisited “LB213 comment index 120”

(*doc. # 15-25-0407-00-04ab*)

There was no objection to the comment resolutions as in *doc. # 15-25-0407-00-04ab.*

Mickael Maman (STMicroelectronics) revisited “MMS ranging procedure with fixed reply time”

(*doc. # 15-25-0376-02-04ab*)

There were some discussions. More offline discussions are needed.

Chair recessed the mtg. @ 3:30 PM HST, until Mon. PM2.

# Monday, 15 Sep, 2025 – PM2

**Opening**

**4:00 PM HST** Chair, Clint Chaplin (Samsung), called the meeting to order and opened the TG Agenda.
(*15-25-0418-00-04ab*)

* >20 attendees joined the meeting

Chair introduced the hybrid meeting logistics.

Chair reminded the group of registration for 802 LMSC and wireless interim.

## 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

**TG Meeting Activity**

Chair announced the agenda doc. *#15-25-0417-03-04ab*. There were no discussion on the agenda. It was passed with unanimous consent.

Billy verso (Qorvo) presented “D02 Miscellaneous Comment Resolutions VI”

(*doc. # 15-25-0282-01-04ab*)

There were some discussions.

There was no objection to the comment resolutions as in *doc. # 15-25-0282-01-04ab.*

Billy verso (Qorvo) presented “Resolution of CID 117, 621 and 622”

(*doc. # 15-25-0441-00-04ab*)

There was no objection to the comment resolutions as in *doc. # 15-25-0441-01-04ab.*

 Chair recessed the meeting at 5:00 pm till 16 Sep AM1.

# Tuesday, 16 Sep, 2025 – AM1

**Opening**

**8:04 AM HST** Chair, Clint Chaplin (Samsung), called the meeting to order and opened the TG Agenda.
(*15-25-0418-00-04ab*)

* >20 attendees joined the meeting

Chair introduced the hybrid meeting logistics.

Chair reminded the group of registration for 802 LMSC and wireless interim.

## 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

**TG Meeting Activity**

Using the agenda (doc. # 15-25-0417-04-04ab) Chair proceeded with running the meeting. There were some agenda shuffling. The agenda was updated to doc. *#15-25-0417-05-04ab.* There was no further discuss on the agenda. It was passed with unanimous consent.

Vice chair Clint Chaplin (Samsung) reviewed the status of comments.

There were some discussions regarding NB channel access related CIDs.

Alex Krebs (Apple) presented updates of “Coexistence Assessment Document”

(*doc. # 15-23-0452-15-04ab*)

There were some discussions.

Carlos Aldana (Meta) revisited “Proposed Resolution for Comments #3 and #13”

(*doc. # 15-25-0429-00-04ab*)

There were some discussions.

Chair recessed the meeting at 9:40m till 17 Sep AM1.5.

# Wednesday, 17 Sep, 2025 – AM1.5

**Opening**

**9:04 PM HST** Chair, Clint Chaplin (Samsung), called the meeting to order and opened the TG Agenda.
(*15-25-0418-00-04ab*)

* >20 attendees joined the meeting

Chair introduced the hybrid meeting logistics.

Chair reminded the group of registration for 802 LMSC and wireless interim.

## 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

**TG Meeting Activity**

Using the agenda (*doc. # 15-2425-0417-06-04ab*) Chair proceeded with running the meeting. There were some agenda shuffling. The agenda was updated to doc. *#15-25-0417-07-04ab.* There was no further discuss on the agenda. It was passed with unanimous consent.

Pooria Pakrooh (Qualcomm) presented “Resolution to comment 109 on Draft 2.0”

(*doc. # 15-25-0396-00-04ab*)

Commenter decided to withdraw the comment.

 Chair recessed the meeting at 9:30m till 17 Sep PM1.

# Wednesday, 17 Sep, 2025 – PM1

**Opening**

**1:30 PM HST** Chair, Clint Chaplin (Samsung), called the meeting to order and opened the TG Agenda.
(*15-25-0418-00-04ab*)

* >20 attendees joined the meeting

Chair introduced the hybrid meeting logistics.

Chair reminded the group of registration for 802 LMSC and wireless interim.

## 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
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**TG Meeting Activity**

Using the agenda (doc. # 15-2425-0228-06-04ab) Chair proceeded with running the meeting. There were some agenda shuffling. The agenda was updated to doc. *#15-25-0228-07-04ab.* There was no further discuss on the agenda. It was passed with unanimous consent.

Pooria Pakrooh (Qualcomm) presented “Discussion on NB Channel Access Comments on D2.0”

(*doc. # 15-25-0486-00-04ab*)

There were some discussions.

Carlos Aldana (Meta) presented “Proposed Resolution for Comments #3 and #13”

(*doc. # 15-25-0429-01-04ab*)

There were some discussions.

Riku Pirhonen (NXP Semiconductors) presented “CID 266-270 Control Phase Length Recap”

(*doc. # 15-25-0485-00-04ab*)

There were some discussions.

There was no objection to the comment resolutions as in *doc. # 15-25-0441-01-04ab.*

 Chair recessed the meeting at 3:30m till 18 Sep AM2.

# Thursday, 18 Sep, 2025 – AM1

**Opening**

**8:00 AM HST** Chair, Clint Chaplin (Samsung), called the meeting to order and opened the TG Agenda.
(*15-25-0418-00-04ab*)

* >20 attendees joined the meeting

Chair introduced the hybrid meeting logistics.

Chair reminded the group of registration for 802 LMSC and wireless interim.

## 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
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**TG Meeting Activity**

Using the agenda (doc. # 15-25-0417-07-04ab) Chair proceeded with running the meeting. There were some adding items. The agenda was updated to doc. *#15-25-0417-08-04ab.* There was no further discuss on the agenda. It was passed with unanimous consent.

Mickael Maman (STMicroelectronics) withdraw 170, 171,178,179,180,181.

Vice chair requested Michael to send requests in email reflector.

Pooria Pakrooh (Qualcomm) suggest to reject all the comments in doc. # 426 since no consensus reached.

Vice chair requested commentors to send requests in email reflector.

Bin Tian (Qualcomm), Bin Qian (Huawei), Pooria Pakrooh (Qualcomm) and Carlos Aldana (Meta) agreed to withdraw the comments, with consideration that LBT has been discussed, and the group need more time to work to make progress, and then they may submit it again in next round.

HuanBang Li withdrew CID 131.

 There were some discussions regarding CID 167 and corresponding resolution in DCN 424.

 Chair recessed the meeting at 9:18m till 18 Sep AM2.

# Thursday, 18 Sep, 2025 – AM2

**Opening**

**10:30 AM HST** Chair, Clint Chaplin (Samsung), called the meeting to order and opened the TG Agenda.
(*15-25-0418-02-04ab*)

* >20 attendees joined the meeting

Chair introduced the hybrid meeting logistics.

Chair reminded the group of registration for 802 LMSC and wireless interim.

## 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

**TG Meeting Activity**

Using the agenda (doc. # 15-25-0417-08-04ab) Chair proceeded with running the meeting. There were some shuffling. The agenda was updated to doc. *#15-25-0417-09-04ab.* There was no further discuss on the agenda. It was passed with unanimous consent.

Motion: Move to approve the resolution to P802.15.4ab-D02 comment index 167 contained in document 15-25-0424-00.

Moved by: Alex Krebs (Apple)

Second by: Mickael Maman (STMicroelectronics)

Result: 26-10-2

Motion failed.

Mickael Maman (STMicroelectronics) withdrew the comment index 167.

Motion: Approve all comment resolutions contained in document 15-25-0174-0042 and direct the technical editor to apply the resolution to produce P802.15.4ab-D03

Moved by: Clint Chaplin (Samsung)

Second by: Billy Verso (Qorvo)

This motion is passed by unanimous consent.

Editor gave a report on incorporating documents.

There were some discussions of future business, teleconference agendas.

Motion: TG4ab requests the Working Group initiates recirculation ballot on P802.15.4ab-D03.

Moved: Clint Chaplin (Samsung)

Second by: Billy Verso (Qorvo)

This motion is passed by unanimous consent.

 Chair adjourned the meeting at 11:45m.