**IEEE 802.15**

**Wireless Specialty Networks (WSN)**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSN) | |
| Title | **802.15 WG & CAC & WNG May 2025** | |
| Date Submitted | [30 June 2025] | |
| Source | [Joerg Robert]  [FAU Erlangen-Nuernberg] | Email: [joerg.robert@ieee.org]  Voice: [+49 9131 85-25105] |
| Re: | [] | |
| Abstract | [IEEE 802.15 Working Group & CAC & WNG Minutes] | |
| Purpose | [Official minutes of the Working Group Opening/Mid-week/Closing/Joint and CAC Sessions] | |
| Notice | This document has been prepared to assist the IEEE 802.15. 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 802.15. | |

**156th IEEE 802.15 WSN SESSION**

**Warsaw Presidential Hotel, Warsaw, Poland (all times in local)**

**May 11-15, 2025**

# 802.15 WG Opening

# Monday, 12th May 2025

**10:30AM** WG Vice-Chair, Phil Beecher (Wi-SUN), calls the meeting to order and opens the WG Agenda (doc #[*15-25-0167-02*](https://mentor.ieee.org/802.15/dcn/25/15-25-0167-02-0000-may-2025-802-15-agenda.xlsx))

## Announcements

* Welcome to the 156th session.
* Do not forget to log in to IMAT to record your attendance. Do not log attendance if you do not attend.
* Use the microphone when you speak, stating your name and affiliation when you speak the first time.
* You must be registered to participate in any of these session meetings. If you do not, you are classified as a “dead-beat”.
* This is a mixed mode meeting. You can either attend online or in person.
* Direct Vote Live (DVL) will be used during the closing Plenary.
* >= 75% Attendance = min 12 time slots (of 16) is needed to get attendance credit.
* For updates on meetings please write Phil Beecher an e-mail.
* Motions for the closing plenary shall be send to Phil Beecher and Ann Krieger as soon as possible.
* WG Chair asks for new participants to speak up: Nobody speaks up.

## Legal

* WG Chair informs the group of and displays the IEEE-SA patent policy presentation slides 0-5 ([*http://standards.ieee.org/board/pat/pat-slideset.ppt*](http://standards.ieee.org/board/pat/pat-slideset.ppt)).
* The WG Chair asks the participants who wishes to declare a Letter 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 are brought forth.
* The WG Chair displays and reads the standard IEEE Anti-Trust statement and the standard IEEE Copyright Policy, including Code of Ethics.
* The WG Chair reminds the TG/SG/SC chair that they must show the policies at every session, but they do not need to reread through them all.
* The question for patent claims has to be done at every single session.

## WG Approvals

Motion to *approve the agenda* (doc #[*15-25-0167-02*](https://mentor.ieee.org/802.15/dcn/25/15-25-0167-02-0000-may-2025-802-15-agenda.xlsx))

* Moved by: Ben Rolfe (BCA)
* Seconded by: Joerg Robert (FAU Erlangen-Nuernberg)
* Discussion: none
* Approved by unanimous consent.

Motion to approve the previous meeting minutes *(*doc #[*15-25-0191-00*](https://mentor.ieee.org/802.15/dcn/25/15-25-0191-00-0000-802-15-wg-cac-wng-joint-1-15-minutes-march-2025.docx)*)*

* Moved by: Joerg Robert (FAU Erlangen-Nuernberg)
* Seconded by: Ben Rolfe (BCA)
* Discussion: none
* Approved by unanimous consent.

WG Chair presents the SASB dates (doc #[*15-25-0167-02*](https://mentor.ieee.org/802.15/dcn/25/15-25-0167-02-0000-may-2025-802-15-agenda.xlsx))

* Exact dates are given on the sheet “2025 SASB Dates”

## General and Administrative

WG Vice-Chair presents the general meeting information:

* 802.15 Voters:
  + Voters: 116
  + Nearly: 17
  + Aspirant: 23
* For questions regarding voting rights contact Ann Krieger

Vice-Chair reminds everybody to reply on Letter Ballots, otherwise voting rights may be lost!

Ben Rolfe (BCA) presents the treasurer report (doc #[ec-25-0001-05](https://mentor.ieee.org/802-ec/dcn/25/ec-25-0001-05-WCSG-wireless-treasurer-report-2025.pptx))

There are two CAC meetings per meeting. Everybody is welcome to attend those.

The social is on Wednesday. Registration is required for the social. No tickets are left. There are coaches, but the location is in walking distance.

Vice-Chair mentions the opening report (doc #[*15-25-0168-02*](https://mentor.ieee.org/802.15/dcn/25/15-25-0168-02-0000-may-2025-802-15-opening-report.pptx))

## Future Meetings and Polls

Future Meetings:

* Next meeting will be held in Madrid, Spain
* Registration is open
* In-Hotel stay discount available on registration fees

Polls:

* No polls today

## 802.15 Status Reports (Goals/Objectives for the Week)

**TG 4ab (NG-UWB)**: Ben Rolfe (BCA)

* Comment Resolution
* Slight chance of motion for recirculation at the end of the week

**SC WNG**: Ben Rolfe (BCA)

* No request for presentation time so far

**IG Access:** Ben Rolfe (BCA)

* One request for presentation time

**Joint .15/.11 Mtg:** Ben Rolfe (BCA)

* No decision on a joint meeting yet

**TG 4ac (Privacy Amendment):** Tero Kivinen (Wi-SUN)

* Recirculation finished; all comments already resolved in CRG
* New recirculation at the end of the week

**TG 4ae Ascon Cryptographic Algorithms Amendment:** Tero Kivinen (Wi-SUN)

* No pre-letter ballot comments yet
* Plan to go for letter ballot at the end of the week

**TG 9a EDHOC KMP Amendment:** Tero Kivinen (Wi-SUN)

* Initial letter ballot finished
* Resolving comments this week
* Recirculation planned at the end of the week

**SC IETF:** Tero Kivinen (Wi-SUN)

* No update, also no presentation in mid-week

**WG15 Editors:** Tero Kivinen (Wi-SUN)

* Technical editors shall attend the session

**TG 4ad**: Phil Beecher (Wi-SUN)

* Updates on simulations and next steps

**SC (Maintenance& Rules)**: Phil Beecher (Wi-SUN)

* Updating operations manual

**TG 6ma (BAN/VAN)**: Ryuji Kohno (YNU/YRP-IAI)

* Presentation of doc. #15-25-0193-00

**TG 16t Lic NB Amendment**: Tim Godfrey (EPRI)

* Work is completed, approved by RevCOM

**TG 16me Lic Revision**: Tim Godfrey (EPRI)

* Discussion of changes related to base standard

## New Business

* There is an IEEE 802 Publicity Page on LinkedIn, input from IEEE 802.15 is highly appreciated
* Update on NextNAV: There was input form IEEE 802.18
* C: There are also discussions on coexistence related to UWB in Japan

## AOB

* Still looking for IEEE 802 milestones

## WG Recess

**11:27 AM** WG Vice-Chair recessed the meeting until the mid-week on Wednesday.

# 802.15 WG Mid-week

# Wednesday, 14th May 2025

**10:30 am** WG Vice-Chair, Phil Beecher (Wi-SUN) calls the session to order. He displays the agenda (doc #[*15-25-0167-02*](https://mentor.ieee.org/802.15/dcn/25/15-25-0167-02-0000-may-2025-802-15-agenda.xlsx)).

1. **Announcements**

* Registration is required to attend this session. State your name and affiliation when you speak for the first time. IMAT is used to record attendance.
* Please do not register to IMAT if you are not participating to the meeting.
* People attending AdHoc meetings will not be granted Attendance Credit.
* Direct Vote Live will be using for the voting during Closing Plenary.
* The vice-chair reminds everybody of the patent policy and mask a call for potentially essential patents. There is no response from the group.

## General and Administrative

* Remember the social tonight. Buses will leave at 6:30pm. However, it is in walking distance.
* Please do not forget to vote on Letter Ballots. Otherwise voting rights may be lost.

## Future Meetings and Polls

* Do not forget to register for the next meeting. Registration is open.
* There is a discount for staying at the meeting hotel.
* The future venue meeting AdHoc is on Thursday at 7:30am.

## Midweek Subgroup Status Updates

**TG 4ab**:

* Working on comment resolution. Many comments still remaining. Covered approximately 25% of the technical comments. Usual motions in the closing plenary.

**SC WNG**:

* One presentation planned

**IG Access**:

* Had one meeting. Business already finished for the week.
* Discussion will continue in the next meetings.

**TG 4ac:**

* Group has adjourned. Motion of recirculation and CRG in the closing.

**TG 9a:**

* Comment resolution. Motion for recirculation and CRG at the end of the week.

**TG4ae:**

* Group has adjourned. Motion to start the letter ballot at the end of the week.

**SC IETF:**

* No updates

**TG 4ad:**

* Presentation of simulation results and work on evaluation check-list

**SC Maintenance/Rules:**

* Working on Operations Manual. Proposal to change CRG lifetime and clarification of rules related to telephone conferences. Update will be posted soon. People should review it until July. Plan it to motion the changes during the July meeting.

**TG 6ma**:

* Comment resolution completed. Will go for recirculation.
* Preparation for SA ballot

**TG 16me**:

* Initial work on revision project started

## New Business

* No topics are raised

## Any Other Business

* No topics are raised

## WG Recess

**10:50am** 802.15 Midweek recessed by Vice-Chair until Thursday 4:00pm.

# 802.15 WNG

# Wednesday, 14th May 2025

**10:53 am** SC WNG Chair, Ben Rolfe (BCA) calls the session to order. He displays the agenda (doc #[*15-25-0252-00*](https://mentor.ieee.org/802.15/dcn/25/15-25-0252-00-wng0-wng-meeting-slides-may-2025.pptx)).

1. **Announcements and Agenda**

* Registration is required to attend this session. State your name and affiliation when you speak for the first time. IMAT is used to record attendance.
* The chair reminds everybody of the meeting policies.
* The chair presents the agenda. The group agrees on the agenda.

## Presentation IoT for Public Protection and Disaster Relief

* + Phil Beecher (Wi-SUN Alliance) presents doc. #[15-25-0250-00](https://mentor.ieee.org/802.15/dcn/25/15-25-0250-00-wng0-iot-for-public-protection-and-disaster-relief.pdf)
  + C: The current plans of the Japanese ministry are focusing on the SUN FSK and SUN OFDM modes as defined in IEEE Std 802.15.4-2020 and the amendment 802.15.4aa-2022. The narrowest channel bandwidth if defined as 200 kHz. Additional discussions in IEEE 802.15 should be suspended until a final discission is made.
  + C: 802.15 should be more visible in the frequency regulation discussion, especially focusing on co-existence.
  + Q: Is the use of existing chips possible in the envisioned VHF bands
  + A: The FSK modes cover these frequency bands. The OFDM modes also support these frequencies. However, these modes many not be characterized in the data sheets yet. Further, external power amplifiers may be required to achieve the requested powers.
  + Q: The WNG chair asks the question on the next steps.
  + A: The requirements are already covered in the existing TG 15.4ad.
  + C: Do not start a new project without actual requirements.
  + Q: Are there already some demonstrators for these frequency bands?
  + A: Yes, there were already some tests.
  + Q: What is the likelihood of the table on slide 10 to get adopted.
  + A: The likelihood that this gets adopted is very high.
  + C: Also UWB is currently considered for short range communication in disaster situations.
  + C: Would be highly appreciated to see a presentation on this topic in the next WNG.

## AoB

* No topics are raised.

## SC WNG Adjourn

* The SC WNG Chair adjourns the meeting at 11:35am.

# 802.15 WG Closing

# Thursday, 15th May 2025

**4:00 PM** WG Vice-Chair, Phil Beecher (Wi-SUN Alliance) calls the session to order and displays the closing agenda document (doc #[*15-25-0167-02*](https://mentor.ieee.org/802.15/dcn/25/15-25-0167-02-0000-may-2025-802-15-agenda.xlsx))

## Announcements

* The Vice-Chair reminds everybody of the meeting policies.
* Registration is required to attend this meeting.
* Check the attendance for the meeting, as 75% is required for the voting rights.
* Please log into DVL now. If you have not received an email, please contact the vice chair.

## General and Administrative

* No topics are discussed

## Future Meetings and Polls

* Strawpoll on the Warsaw meeting:
  + Strawpoll: Did you like the venue? Y 15; N 0
  + Strawpoll: Did you go to the social? 15
  + Strawpoll: How many people liked the social? 12
* Registration for the July meeting in Madrid is open
* The AC meeting in Madrid will be on Sunday, July 27, 5:30pm

## Sub-Groups and Committees Closing Reports

**TG4ad Closing Report**:

* Ben Rolfe presents doc. #[15-25-0272-00](https://mentor.ieee.org/802.15/dcn/25/15-25-0272-00-04ab-tg4ab-may-2025-closing-report.pptx)
* Next recirculation planned after July 2025
* CRG work will be done in weekly telephone calls
* Plan for Madrid is to finish the comments and to start recirculation
* **TGad Motion: TG4ab Motion to approve the formation of CRG**
  + Move that 802.15 WG approve the formation of a Comment Resolution Group (CRG) for the WG balloting of P802.15.4ab with the following membership: Ben Rolfe (chair), Billy Verso, Clint Chaplin, Riku Pirhonen, Mickael Maman, Bin Qian, Alex Krebs, Tero Kivinen, Pooria Pakrooh, Carlos Aldana, Sven Zeisberg and Li-Hsiang Sun. The 802.15.4ab CRG is authorized to approve comment resolutions, edit the draft according to the comment resolutions, and to approve the start of recirculation ballots of the revised draft on behalf of the 802.15 WG.
  + Moved: Ben Rolfe
  + Second: Joerg Robert
  + Discussion: None
  + Result: Y 30; N 0; A 1
  + Motion passes

**IG Access Closing Report**:

* Ben Rolfe (BCA) gives oral closing report
* Different presentations, e.g., on channel access
* Additional contributions planned for July

**WNG Closing Report**:

* Ben Rolfe (BCA) gives oral closing report
* Presentation of SUN in emergency services

**TG9a Closing Report:**

* Tero Kivinen (Wi-SUN Alliance) presents the TG4ae closing report (doc. #[15-25-0217-01](https://mentor.ieee.org/802.15/dcn/25/15-25-0217-01-009a-may-opening-and-closing.pptx)*)*
* Resolved letter ballot comments
* Two sessions in July
* **TG9a Motion: TG9a WG Motion to start recirculation Letter Ballot**
  + Move that 802.15 WG start a WG recirculation requesting approval of document P802.15.9a\_D01 and to forward document P802.15.9a\_D01, to Standards Association ballot.
  + Moved: Tero Kivinen
  + Second: Joerg Robert
  + Discussion: None
  + Result: Y 30; N 0; A 0
  + Motion passes
* **TG9a Motion: TG9a WG Motion to form CRG** 
  + Move that 802.15 WG approve the formation of a Comment Resolution Group (CRG) for the WG balloting of the P802.15.9a\_D01 with the following membership: Tero Kivinen (Chair), Ann Krieger, Ben Rolfe, Alex Krebs, and Peter Yee. The 802.15.9a CRG is authorized to approve comment resolutions, edit the draft according to the comment resolutions, and to approve the start of recirculation ballots of the revised draft on behalf of the 802.15 WG. Comment resolution on recirculation ballots between sessions will be conducted via reflector email and via teleconferences announced to the reflector as per the LMSC 802 WG P&P.
  + Moved: Tero Kivinen
  + Second: Joerg Robert
  + Discussion: None
  + Result: Y 30; N 0; A 0
  + Motion passes

**TG4ac Closing Report:**

* Tero Kivinen (Wi-SUN Alliance) presents the TG4ac closing report (doc. #[*15-25-0215-01*](https://mentor.ieee.org/802.15/dcn/25/15-25-0215-01-04ac-may-opening-and-closing.pptx)*)*
* Finished comment resolution for letter ballot
* Updated timeline is presented
* Start of ballot pool initiated
* **TG4ac Motion: TG4ac WG Letter Ballot Recirculation**
  + Move that 802.15 WG start a WG recirculation requesting approval of document P802.15.4ac\_D02 and to forward document P802.15.4ac\_D02, to Standards Association ballot.
  + Moved: Tero Kivinen
  + Second: Joerg Robert
  + Discussion: None
  + Result: Y 30; N 0; A 0
  + Motion passes
* **TG4ac Motion: TG4ac CRG**
  + Move that 802.15 WG approve the formation of a Comment Resolution Group (CRG) for the WG balloting of the P802.15.4ac\_D02 with the following membership: Tero Kivinen (Chair), Ann Krieger, Alex Krebs, Ben Rolfe, and Peter Yee. The 802.15.4ac CRG is authorized to approve comment resolutions, edit the draft according to the comment resolutions, and to approve the start of recirculation ballots of the revised draft on behalf of the 802.15 WG. Comment resolution on recirculation ballots between sessions will be conducted via reflector email and via teleconferences announced to the reflector as per the LMSC 802 WG P&P.
  + Moved: Tero Kivinen
  + Second: Joerg Robert
  + Discussion: None
  + Result: Y 34; N 0; A 0
  + Motion passes

**TG4ae Closing Report:**

* Tero Kivinen (Wi-SUN Alliance) presents the TG4ae closing report (doc. #[15-25-0216-01](https://mentor.ieee.org/802.15/dcn/25/15-25-0216-01-04ae-may-opening-and-closing.pptx))
* Went through pre letter ballot comments
* Start of letter ballot
* **TG4ae Motion: TG4ae Letter Ballot**
  + Move that 802.15 WG start a WG Letter Ballot requesting approval of document P802-15-4ae\_D00 and to forward document P802-15-4ae\_D00, to Standards Association ballot.
  + Moved: Tero Kivinen
  + Second: Joerg Robert
  + Discussion: None
  + Result: Y 33; N 0; A 0
  + Motion passes
* Q: What is the timeline of NIST
* A: This is not known
* Two sessions planned in July

**TG4ad Closing Report**:

* Phil Beecher (Wi-SUN Alliance) presents the TG4ad closing report (doc. #[*15-25-0219-01*](https://mentor.ieee.org/802.15/dcn/25/15-25-0219-01-04ad-tg4ad-agenda-opening-and-closing-report-may-2025.pptx))
* Many presentations on updates of proposals
* At least two telephone conferences planned

**SC-Maintenance Closing Report:**

* + Phil Beecher (Wi-SUN Alliance) presents the SC-Maintenance closing report (doc. #[*15-25-0235-01*](https://mentor.ieee.org/802.15/dcn/25/15-25-0235-01-0mag-scm-agenda-opening-and-closing-report-may-2025.pptx))
  + Updated template and worked on operations manual
  + Updates on operations manual include lifetime and operation of CRG and clarification of telephone conference operations. Vote on the updates will take place in July.
  + Conference call for PAR review planned on 16 July 2025

**TG6ma Closing Report:**

* + Ryuji Kohno (YNU/YRP-AIA) presents the TG6ma closing report (doc. #[15-25-0265-00](https://mentor.ieee.org/802.15/dcn/25/15-25-0265-01-006a-tg15-6ma-closing-report-for-may-2025.pptx))
  + Work focused on comment resolution
  + 802.19 approved CAD
  + Different technical presentations
  + **TG6ma Motion: TG6ma WG Motion to start Recirculation Letter Ballot**
    - Move that 802.15 WG start a WG Letter Ballot requesting approval of CA document 15-24-0348-06 and document P802-15-6ma\_D05 (as edited in accordance with the instructions in document 15-25-0138-04) and to forward document P802-15-6ma\_D06, as edited in accordance with the instructions in document 15-25-0138-04, and CA document 15-24-0348-06 to Standards Association ballot pending the completion and inclusion of the edits in the draft.
    - Moved: Ryuji Kohno
    - Second: Joerg Robert
    - Discussion: None
    - Result: Y 28; N 0; A 0
    - Motion passes
  + **TG6ma Motion: TG6ma WG Motion to approve the formation of CRG**
    - Move that 802.15 WG approves the formation of a Comment Resolution Group (CRG) for the WG balloting of P802.15.6ma with the following membership: Ryuji Kohno (YNU/YRP-IAI), Marco Hernandez (CWC), Huan-Bang Li(NICT), Takumi Kobayashi (OMU), Seong-Soon Joo (NHT). The 802.15.6ma CRG is authorized to approve comment resolutions, edit the draft according to the comment resolutions, and to approve the start of recirculation ballots of the revised draft on behalf of the 802.15 WG. Comment resolution on recirculation ballots between sessions will be conducted via reflector email and via teleconferences announced to the reflector as per the LMSC 802 WG P&P.
    - Moved: Ryuji Kohno
    - Seconded: Joerg Robert
    - Discussion: None
    - Result: Y 29; N 0; A 0
    - Motion passes
  + SA ballot planned for August
  + Four sessions planned for July

**TG16me Closing Report:**

* + Tim Godfrey (EPRI) presents the TG16me closing report (doc. #[15-25-0271-00](https://mentor.ieee.org/802.15/dcn/25/15-25-0271-00-16me-tg16me-may-2025-closing-report.pptx))
  + Review of contributions
  + Four sessions planned for July

**Liaison Reports**

**802.24 Liaison Report:**

* Tim Godfrey (EPRI) presents doc. #[24-25-0015-00](https://mentor.ieee.org/802.24/dcn/25/24-25-0015-00-0000-may-2025-interim-meeting-closing-report.pptx)
* Working on IoT whitepaper, Smart Grid whitepaper, and AFV whitepaper
* Discussion on 802.11 Auto TIG

**802.19 Coexistence TAG Liaison Report**

* Ben Rolfe (BCA) gives an oral liaison report
* Several contributions in TG 19.3
* Poll completed on TG6ma

**802.11 Liaison Report**

* Jim Lansford (FaraFir Consulting) gives and oral liaison report
  1. **Liaison Report**
* Liaison report is available in doc. #[15-25-0212-00](https://mentor.ieee.org/802.15/dcn/25/15-25-0212-00-0000-802-18-to-802-15-liaison-report-may-2025.pptx)

## New Business

* Nothing raised

## Any Other Business

* Nothing raised

## Adjourn

**5:15 PM** The WG Vice-Chair adjourns the meeting.

# 802.15 CAC Mtg.

# Sunday, 11th May 2025

## Attendance

~~Clint Powell~~

Phil Beecher

~~Ann Krieger~~

Ben Rolfe

Tero Kivinen

Gary Stuebing

Clint Chapman

Ryuji Kohno

Christy Bahn

~~Yeong Min Jang~~

Tim Godfrey

~~James Gilb~~

Joerg Robert

~~Thomas Kürner~~

~~Harry Bims~~

Thomas Almholt

## Minutes

**5:51 pm**: WG Vice Chair, Phil Beecher (Wi-SUN) calls the meeting to order

* + Vice-Chair reminds everybody to check the agenda. Agenda will be updated by Ann Krieger.

1. General announcements:
   * Clint and Ann will not attend the meeting
   * All motions will be done at the closing, please send them to Phil as soon as possible in a plain text e-mail
   * Gary Stuebing will attend the future venue session on Thursday
2. Attendance Requirements and Chair Reminders
   * Chair reminds everybody of the IEEE policy. The patent slides must be shown in every session. The patent question must be asked in every session and the answer must be documented in the minutes.
   * Chair reminds everybody to pay registration fees.
   * Every group has to ensure that at least one officer is present in the meeting to setup the audio.
   * Attendance of social requires social ticket.
3. Subgroup Status and Objectives for September Interim:
   * TG 4ab UWB-NG Amendment – Comment Resolution
   * IG Access – No request for presentations, CRG at the end of the week
   * WNG – No requests so far
   * IG Access – One session
   * Joint .11/.15: No meeting planned so far, likely to be cancelled
   * TG 4ac – Technical comments resolved, non-technical comments remaining, SA ballot pool has to be set up
   * TG 4ae – Need more people to get involved
   * TG 9a – Need more people to get involved
   * TG 4ad – Simulation presentations
   * SC MAINT/RULES – Only one session this week
   * TG 6ma – Comment resolution, plan to go to SA ballot soon, MEC review is still open, also SA ballot pool has to be set up, additional comments from 802.19
   * TG16me – TG16t is done, all TG16t shall be converted to TG16me
4. AOB:
   * Nothing raised

**6:16pm** WG vice-chair recessed until Wednesday (8:00-9:00am)

# 802.15 Mid-Week CAC Mtg.

# Wednesday, 12th March 2025

## Attendance

Clint Powell

Phil Beecher

~~Ann Krieger~~

Ben Rolfe

Tero Kivinen

Gary Stuebing

Clint Chapman

Ryuji Kohno

Christy Bahn

~~Yeong Min Jang~~

Tim Godfrey

~~James Gilb~~

Joerg Robert

~~Thomas Kürner~~

## Minutes

**8:01am**: WG Vice-Chair, Phil Beecher (Wi-SUN) calls the meeting to order.

1. Attendance Requirements and Chair Reminders:
   * Please keep in mind to show the patent policy slide at the beginning of each session and call for essential patents
   * Remind people that they have to register to attend the session
   * If comments are shifted from LB to SA ballot, the WG will upload them if the person is not SA member
   * Social tonight, ticket required
   * Chair reminds everybody to send motions for closing and LMSC as soon as possible to the leadership.
2. Midweek Subgroup Status Updates
   * TG 4ab working on comment resolutions, unable to go to recirculation at the end of the week
   * SC WNG – One presentation on IoT for Disaster Protection
   * IG Access – Finished for the week, ideas to continue in a future project
   * TG 4ac – Finished for the week, motions for recirculation and CRG, start of SA ballot pool required
   * TG 4ae – Will have one motion for letter ballot
   * TG 9a – Motion for recirculation and CRG
   * SC IETF – No updates
   * TG 4ad – Discussed updated proposals
   * SC Maintenance – Modifications on the operations manual, updates on CRG and motions in telephone conferences
   * TG 6ma BAN/VAN Revision – All comments resolved of second recirculation and CAD, recirculation at the end of the week, CRG and recirculation motion, MEC review is done, SA Ballot pool has to be formed
   * TG 16me Lic-NB Revision – Planning of detailed work in the revision project
3. Any Other Business:
   * Nothing raised

**8:17am** WG Vice-Chair adjourned the CAC meeting.

# Annex A Total attendance (in-person + remote) =

|  |  |  |
| --- | --- | --- |
| Last Name | First Name | Affiliation |
| Almholt | Thomas | Texas Instruments Inc. |
| Amezawa | Yasuharu | Mobile Techno Corp. |
| Anzai | Daisuke | Osaka Metropolitan University |
| Au | Kwok Shum | Huawei Technologies Co.; Ltd |
| Bahn | Christy | IEEE STAFF |
| Bansal | Ankur | SAMSUNG |
| BEECHER | PHILIP E | Wi-SUN Alliance |
| Berger | Christian | NXP Semiconductors |
| Bettesh | Ido | Apple Inc |
| Bims | Harry | Bims Laboratories; Inc. |
| Chaplin | Clint | SAMSUNG ELECTRONICS |
| Chen | Run | New Radio Technology Co.; Ltd. |
| CHERIAN | GEORGE | Qualcomm Technologies Inc |
| Chitrakar | Rojan | Huawei International Pte Ltd |
| Dolmans | Guido | Holst Centre / IMEC-NL |
| Godfrey | Tim | Electric Power Research Institute; Inc. (EPRI) |
| Golshan | Robert | Apple Inc |
| Gruber | Josef | Infineon Technologies |
| Gulati | Kapil | NXP Semiconductors |
| Guo | Jianlin | Mitsubishi Electric Research Laboratories (MERL) |
| Ha | Taeyoung | Samsung Electronics Co.; Ltd. |
| HAN | DONG | Apple Inc. |
| Harada | Hiroshi | National Institute of Information and Communications Technology (NICT) |
| Helmy | Ahmed | Apple Inc. |
| Helwa | Sherief | Qualcomm Technologies Inc. |
| Hernandez | Marco | National Institute of Information and Communications Technology (NICT) |
| Hirata | Masayuki | Osaka University Graduate School of Medicine; Dept of Neurological Diagnosis and Restoration |
| Huang | Lei | Huawei Technologies Co.; Ltd |
| Ikegami | Tetsushi | Meiji University |
| Ishihara | Susumu | Shizuoka University |
| Jiang | Jinjing | Apple Inc |
| JOO | SEONG-SOON | Nano HiTech (NHT) |
| Jungnickel | Volker | Fraunhofer Heinrich Hertz Institute |
| Juntunen | Juha | Meteor Communications Corp. |
| Kadampot | Ishaque Ashar | Qualcomm Technologies; Inc. |
| KAJITA | SHUGO | Space-Time Engineering Japan; Inc. |
| Kalamkar | Sanket | Qualcomm Technologies Inc. |
| Kalkundrikar | Vishal | Ondas Networks |
| Kato | Arata | Space-Time Engineering Japan; Inc. |
| Kawashima | Yuki | Mitsubishi Electric Corporation |
| Kim | Youhan | Qualcomm Technologies; Inc. |
| Kitazawa | Shoichi | Muroran IT |
| Kivinen | Tero | Wi-SUN Alliance |
| KOBAYASHI | Takumi | YRP International Alliance Institute |
| Kohno | Ryuji | YNU/YRP-IAI |
| Krebs | Alexander | Apple Inc |
| kristem | vinod | Apple Inc |
| Kuechler | Wolfgang | NXP Semiconductors |
| Kumar | Manish | NXP |
| Lansford | James | Farafir; SRL |
| Lee | Hong Won | LG ELECTRONICS |
| Lee | Jaegook | SAMSUNG ELECTRONICS |
| Lee | JeongHoon | Samsung Electronics Co.; Ltd. |
| Leong | Frank | NXP Semiconductors |
| Li | Huan-Bang | National Institute of Information and Communications Technology (NICT) |
| Li | Panpan | Huawei Technologies Co.; Ltd |
| Li | Wenzheng | Calterah Semiconductor Technology (Shanghai) Co.; Ltd. |
| LIU | CHENCHEN | Huawei Technologies Co.; Ltd |
| Liu | Yong | Apple Inc |
| Lou | Hui-Ling | NXP Semiconductors |
| Luo | Xiliang | Apple Inc |
| Maman | Mickael | STMicroelectronics |
| Mohamed Hassan Salem | Nedime Pelin | Cisco Systems; Inc. |
| Neirynck | Dries | Ultra Radio Ltd |
| Nomura | Tetsuya | DENSO TEN |
| Pakrooh | Pooria | Qualcomm Technologies; Inc. |
| Patil | Abhishek | Qualcomm Incorporated |
| Pirhonen | Riku | NXP Semiconductors |
| Portier | Fabrice | Silicon Laboratories |
| QIAN | BIN | Huawei Technologies Co.; Ltd |
| Qureshi | Haneya | General Motors Company |
| Raniszewski | Adam | SAMSUNG ELECTRONICS; Samsung Electronics Co.; Ltd. |
| Redlich | Oded | Huawei Technologies Co.; Ltd |
| Robert | Joerg | FAU Erlangen-Nuernberg / Fraunhofer IIS |
| Rolfe | Benjamin | Blind Creek Associates |
| Sand | Stephan | German Aerospace Center (DLR) |
| Sayrafian | Kamran | National Institute of Standards and Technology |
| Schmidt | Reinhold | Infineon Technologies |
| Seok | Yongho | Apple Inc. |
| SHAHAR | MENASHE | Ondas Networks |
| Shilo | Shimi | Huawei Technologies Co.; Ltd |
| Stanley | Dorothy | Aruba Networks; Inc. |
| Stuebing | Gary | Cisco Systems; Inc. |
| Sumi | Takenori | Mitsubishi Electric Corporation |
| Sun | Li-Hsiang | MediaTek Inc. |
| Suzuki | Takafumi | NICT |
| Takabayashi | Kento | Toyo University |
| Tang | Weidong | NewRadio Techologies Co.; Ltd. |
| Uno | Masanori | e-trees.Japan;inc |
| Verma | Lochan | Apple Inc |
| Verso | Billy | Qorvo |
| Wei | Xizixiang | Apple Inc. |
| Wentink | Menzo | Qualcomm |
| Xiao | Libra | NewRadio Technology Co.; Ltd. |
| Xu | Luzhou | Apple Inc. |
| Yang | Shang-Te | Apple Inc |
| Yang | Xun | Huawei Technologies Co.; Ltd |
| Yao | Lichen | Holst Centre / IMEC-NL |
| Yee | Peter | NSA-CSD |
| Yong | Su Khiong | Apple Inc |
| Yoshitake | Hiroaki | DENSO TEN Limited |
| Yseboodt | Lennart | Signify |
| Zakaib | Larry | SPARK Microsystems |
| Zeisberg | Sven | ZIGPOS GmbH |
| Zhang | Hongyuan | NXP Semiconductors |
| Zhou | Chengzhi | Apple Inc. |
| Zuniga | Juan Carlos | Cisco Systems; Inc. |