IEEE P802.11  
Wireless LANs

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| Minutes of the IEEE P802.11 Full Working Group | | | | |
| Date: 2024-05-13 | | | | |
| Author(s): | | | | |
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Abstract

This document constitutes the minutes of the IEEE 802.11 full working group for the May 2024 session.

Please note that all affiliations at this session are shown in Annex A.

**Abbreviations:**

A: Answer

C: Comment

Q: Question

TG: Task Group

TIG: Topic Interest Group

SG: Study Group

**IEEE 802.11 Plenary Session #205**

**May 12th – 17th, 2024**

**IEEE 802.11 Opening Plenary, Monday May 13th, 2024**

Presiding chair: Robert Stacey (Intel) opened the meeting at 09:01 Central European Summer Time (CEST) and declared quorum for the session.

1st Vice-chair (VC1): Jon Rosdahl Qualcomm

2nd Vice-chair (VC2): Stephen McCann Huawei Technologies Co., Ltd

Secretary: Stephen McCann Huawei Technologies Co., Ltd

There are 572 Voters, 103 Aspirants, 35 Potential Voters and 9 Ex Officio voters of IEEE 802.11\*.

There were 158 people attending in person (in the room) and 292 recorded in the attendance tool (IMAT).

\*who ask to be recognized as such in the 802.11 voters list.

1. **Notices** (11-24-0707r1)
   1. Chair: Please note the information about the meeting decorum.
   2. Are there any members of the press present?
      1. None.
   3. IEEE SA Staff present:
      1. Christy Bahn.
   4. Please note that this session requires a registration fee to be paid.
2. **Approve/modify working group agenda** (11-24-0704r2)
   1. This is a summary of the meeting today. Please note the schedule for this session on the separate tab “Schedule Graphic”. There were a couple of updates from yesterday’s Chairs Advisory Committee (CAC) meeting.
   2. **Move to approve the agenda 11-24-0704r2 for the Monday opening plenary.**
      1. Moved: Rich Kennedy, 2nd: Xiaofei Wang
      2. No objection to approving by unanimous consent.
3. **March 2024 WG Minutes**
   1. **Move to approve the March 2024 WG minutes document 11-24-0448r0.**
   2. Moved: Stephen McCann, 2nd: Jim Lansford
   3. No objection to approving by unanimous consent.
4. **New Attendees**
   1. **Straw Poll: Are you a new attendee to IEEE 802.11?**
      1. Yes: 13
   2. There will be a New Members meeting this session on Monday May 13th at 10:30 CEST in room Grand Ballroom A/B. Everyone is welcome to join this meeting.
5. **Call for essential Patents** (11-24-0712r0)
   1. The current PatCom rules were read out, including the call for essential patents information, as shown by:
   2. <https://development.standards.ieee.org/myproject/Public/mytools/mob/patut.pdf>
      1. There were no issues raised regarding the call for essential patents.
      2. There were no responses to the call for essential patents.
      3. No questions.
6. **Participation and Attendance** (11-24-0712r0)
   1. The slides about IEEE 802 meeting participation and IEEE SA copyright were also read.
   2. Expected participant behavior was also announced.
   3. Remember to record your attendance for this meeting. To achieve 75%, which counts towards an attendance credit for the session, you must attend 13 meeting slots.
   4. Regarding slide #20, this is a reminder about the abstain vote.
   5. Chair: I have removed voting rights of several people who did not return their ballots since March 2024.
   6. No questions
7. **Announcements** (11-24-0707r1)
   1. **Liaisons** (slide #4)
      1. Chair: There is 1 new liaison since the March 2024 session, from ITU-T SG15, about the upcoming 4th joint workshop regarding fibre-to-the-room (FTTR). See 11-24-0745r0.
   2. **EC and IEEE-SA standard board decisions** (slides #5 and #6)
      1. Chair: These are some items regarding recent and upcoming EC meetings.
   3. **Joint meetings & reciprocal credit with IEEE 802 groups** (slide #8)
      1. Reminder that there are topics relevant to IEEE 802.11 to be covered in IEEE 802.18, IEEE 802.19, IEEE 802.24, IEEE 802.1 and IEEE 802 JTC1 SC.
      2. Please note that 802.18 meets on Tuesday AM2 and Thursday AM1 this week.
8. **Logistics and Key events/activities** (11-24-0727r0)
   1. Please remember not to connect to audio when you are present in the room signed-in to the Webex tool, including those who are running the meetings.
   2. This document contains logistical information about the venue:
   3. <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0100-00-WCSG-warsaw-2024-may-802w-interim-things-to-know.pptx>.
   4. There are also QR codes on the back of your badges that provide more information about a meeting app that allows you to set up your own personal meeting schedule. We hope to use the app more in the future.
   5. There is only 1 SSID this week: “IEEE802”.
   6. Please remember to record your attendance in IMAT for each meeting you attend.
   7. Also remember to pay your registration fee for this session.
   8. The AV is provided by the hotel this week. If you have any AV issues, please talk to MTG Events at the registration desk and they will contact a hotel representative to assist you.
   9. There is a social on Wednesday evening. Please note that there are 2 restaurants to accommodate the extra people who are attending in person. Therefore, please remember to be on the same bus as your friends. In addition, if you want a vegetarian meal, you need to be on the first 6 buses, not the last 2.
   10. Please can you respond to the email from MTG Events to verify the numbers of people who are actually attending the social or not.
   11. Breakfast is included in your Marriott room rate for those people in this hotel. Lunch will be served in the terrace area outside on level 2.
   12. No questions.
9. **Further Announcements** (11-24-0707r1)
   1. These slides also contain information about:
   2. Current 802.11 groups (slide #11).
   3. Other 802 meetings (slide #12).
   4. TGbf PAR expiry (slide #13).
   5. Current 802.11 officers (slide #15).
   6. 802.11 history slides. The next baseline standard IEEE 802.11-2024 should be finished this year, produced by the TGme group (slide #17).
   7. Summary of ballots and comment collections (slide #18).
   8. Current status of voting members (slide #19).
   9. Members statistics (slides #20 - #23)
   10. No questions.
10. **Group Summaries** (11-24-0709r1)
    1. Special notes were mentioned for the following groups:
    2. **Editors’ meeting and ANA** (slides #3 & #4)
       1. There is an editors’ meeting at 07:00 CEST on Tuesday morning.
       2. There have been some ANA changes since March 2024.
       3. No questions.
    3. **ARC SC** (slide #5)
       1. There are 2 meetings this session.
       2. There is a meeting on Wednesday PM2 to discuss 802REVc, which everyone is invited to.
       3. No questions.
    4. **Coex** **SC** (slide #7)
       1. This standing committee will meet three times this session. In addition, there is a joint meeting with the 802.15.4ab TG on Tuesday evening.
       2. Chair: This is a new initiative between 802.11 and 802.15, so please attend if you are interested.
       3. No questions.
    5. **PAR** **SC** (slide #9)
       1. There is no meeting this week, but please be aware of the deadlines on the slide.
       2. No questions.
    6. **WNG** **SC** (slide #10)
       1. There are 3 presentations this week in the Tuesday AM1 slot.
       2. No questions.
    7. **JTC1** **SC** (slide #11)
       1. There is 1 meeting during this session. There will be a review of the PSDO process with ISO, but there are still issues with the 802.11 documents.
       2. No questions.
    8. **TGme** (slide #14)
       1. The work this week will be to continue the resolution of comment from the initial SA ballot..
       2. No questions.
    9. **TGbe** (slide #15)
       1. 92% of comments from the initial SA ballot has completed and this week will be spent resolving the others. All the TGbe meetings this session will be joint ones.
       2. No questions.
    10. **TGbf** (slide #17)
        1. There were 13 comments received from the recent rec-circulation letter ballot. Therefore, TGbf may have a quiet week.
        2. Chair: TGbf has met their conditional conditions for their initial SA ballot and this should start soon.
        3. No questions.
    11. **TGbh** (slide #19)
        1. The initial SA ballot has now finished with 90.9% approval and 209 comments. This session will be spent addressing these new comments.
        2. There is also a plan for a TGbh ad-hoc in June 2024.
        3. No questions.
    12. **TGbi** (slide #20)
        1. The group is aiming to start a comment collection this session.
        2. There are 5 meetings this session.
        3. No questions.
    13. **TGbk** (slide #21)
        1. The re-circulation letter ballot LB286 completed with 123 comments. The work this session will be to start resolving these comments.
        2. No questions.
    14. **TGbn** (slide #24)
        1. There have been 9 teleconferences since the March 2024 session and there is still a lot of work to be covered this week with about 175 submissions in the queue.
        2. No questions.
    15. **TGbp** (slide #26)
        1. These are the first meetings of TGbp and there will be 5 of them this session for discussions about ambient power technology.
        2. No questions.
    16. **IMMW SG** (slide #27)
        1. There are 2 meetings this session.
        2. The work this session will be to finalize an IMMW PAR and the associated CSD.
        3. No questions.
    17. **AIML SC** (slide #28)
        1. This is the first meeting of the AIML SC. There is 1 meeting this session.
        2. No questions.
    18. **ITU ad-hoc** (slide #29)
        1. There is no meeting this session, but this slide summarizes recent activity.
        2. No questions.
11. **Announcements** (11-24-0707r1)
    1. **Individual Experts Fee Waiver (**slide #24)
    2. The following people are designated as individual experts and have their fees waived for attendance at the one WNG timeslot only:

* Engr. Dr. Sohaib Manzoor, Mirpur University of Science and Technology, Pakistan, [sohaib.ee@must.edu.pk](mailto:sohaib.ee@must.edu.pk).
  1. **Timeline chart**
  2. The results of the 11bh initial SA ballot have been added.
  3. **Previous WG chair recognition**
  4. Chair: There will be a recognition of the previous WG chair during the mid-week plenary on Wednesday. There’s also a book by the registration desk to sign.

1. **Recess**
   1. Chair: We are now in recess.
   2. The meeting recessed at 10:07 CEST.

**Wednesday, May 15th, 2024**

**IEEE 802.11 Mid-week Plenary**

Call to order at 13:34 CEST by Robert Stacey (Intel).

There were 114 attending in person (in the room) and 402 recorded in the attendance tool (IMAT).

1. **Approve/modify working group agenda** (11-24-0704r2)
   1. Chair: There have been some schedule changes to the agenda since the opening plenary.
   2. Released slots: ARC, TGbe, TGbf
   3. New slots: TGbn (PHY/MAC) Thursday AM1
   4. **Approve the agenda for today’s meeting as shown in 11-24-0704r2.**
      1. Moved: Jonathan Segev, 2nd: Lei Wang
      2. No objection to approving by unanimous consent.
2. **Announcements** (11-24-0708r0)
   1. **Code of conduct** (slide #4)
      1. These are the codes of conduct for the session.
      2. No questions.
   2. **Call for essential patents** (slide #9)
      1. This is the Call for Essential Patents.
      2. No statements.
      3. No questions.
   3. **Meeting decorum** (slide #10)
      1. No members of the press are present.
      2. No questions.
   4. **Additional designated experts** (slide #11)
      1. Chair: Individual experts who attend electronically for a specific purpose/presentation can be designated as such by the WG Chair and receive a registration fee waiver and limited attendance rights.
      2. There are now 3 such experts:
         * Engr. Dr. Sohaib Manzoor, Mirpur University of Science and Technology, Pakistan, sohaib.ee@must.edu.pk   
           WNG (Tue AM1)
         * Paul Nikolich, paul.nikolich@att.net – Coex SC (Tue PM1)
         * Dan Harkins, daniel.harkins@hpe.com - TGbh (Wed AM1)
   5. **Social**
      1. This is a reminder about the social this evening.
      2. Buses will start leaving at 6.30pm from the back lobby of the hotel.
      3. For a vegan meal, please make sure you are on bus 1-6 for the 1st restaurant.
      4. There will be a tour of the old town on the outbound buses.
3. **Summary of Groups** (11-24-0707r2)
   1. Slide #11 shows that AIML is a new standing committee (SC) and TGbp is a new task group.
   2. Slide #14 shows the appointed positions for this session.
   3. Slide #15 shows the current set of officers.
   4. Slide #17 shows a summary of the currently active projects.
   5. Slide #18 shows a summary of ballots since the March 2024 session, all of which passed.
   6. No questions.
4. **Timeline**
   1. There was a minor typo of a date for TGme (REVme) that has been corrected.
   2. No questions.
5. **Wi-Fi Alliance Liaison** (11-24-0878r0)
   1. The next Wi-Fi Alliance (WFA) meeting will be in Austin later in May 2024.
   2. Some WFA activities include:
      * + Wi-Fi 7
        + QoS Management
        + EasyMesh
   3. No questions.
6. **IETF Liaison** (11-24-0902r0)
   1. The next meeting will be next week in Vancouver in July 2024.
   2. Several IETF groups that may have an impact on IEEE 802.11 are mentioned.
   3. No questions.
7. **IEEE 802.15 Liaison**
   1. Chair: There is no liaison from 802.15 this time.
   2. No questions.
8. **IEEE 802.18 Liaison** (11-24-0665r1)
   1. This document summarizes the discussion topics within IEEE 802.18 meetings, especially those that are relevant to 802.11.
   2. No questions.
9. **IEEE 802.19 Liaison** (11-24-0928r0)
   1. This document summarizes the discussion topics within IEEE 802.19 meetings, especially those that are relevant to 802.11.
   2. No questions.
10. **802 Technical Plenary**
    1. There will be a meeting to review the 802REVc comments in PM2 today.
11. **Dorothy Stanley Recognition** (11-24-0708r0)
    1. Chair: I would like to present this recognition of the previous WG chair Dorothy Stanley.
    2. Dorothy Stanley made a verbal presentation about her time in IEEE 802.11. She mentioned how IEEE 802.11 is a successful project that has influenced the world.
12. **Recess**
    1. Meeting recessed at 14:33 CEST.
13. **Photographs for Dorothy Stanley**
    1. Photographs were then taken of the previous WG chair, please see <https://www.ieee802.org/11/Photographs/photographs.htm>
    2. LinkedIn: <https://www.linkedin.com/feed/update/urn:li:activity:7196493651483496448>

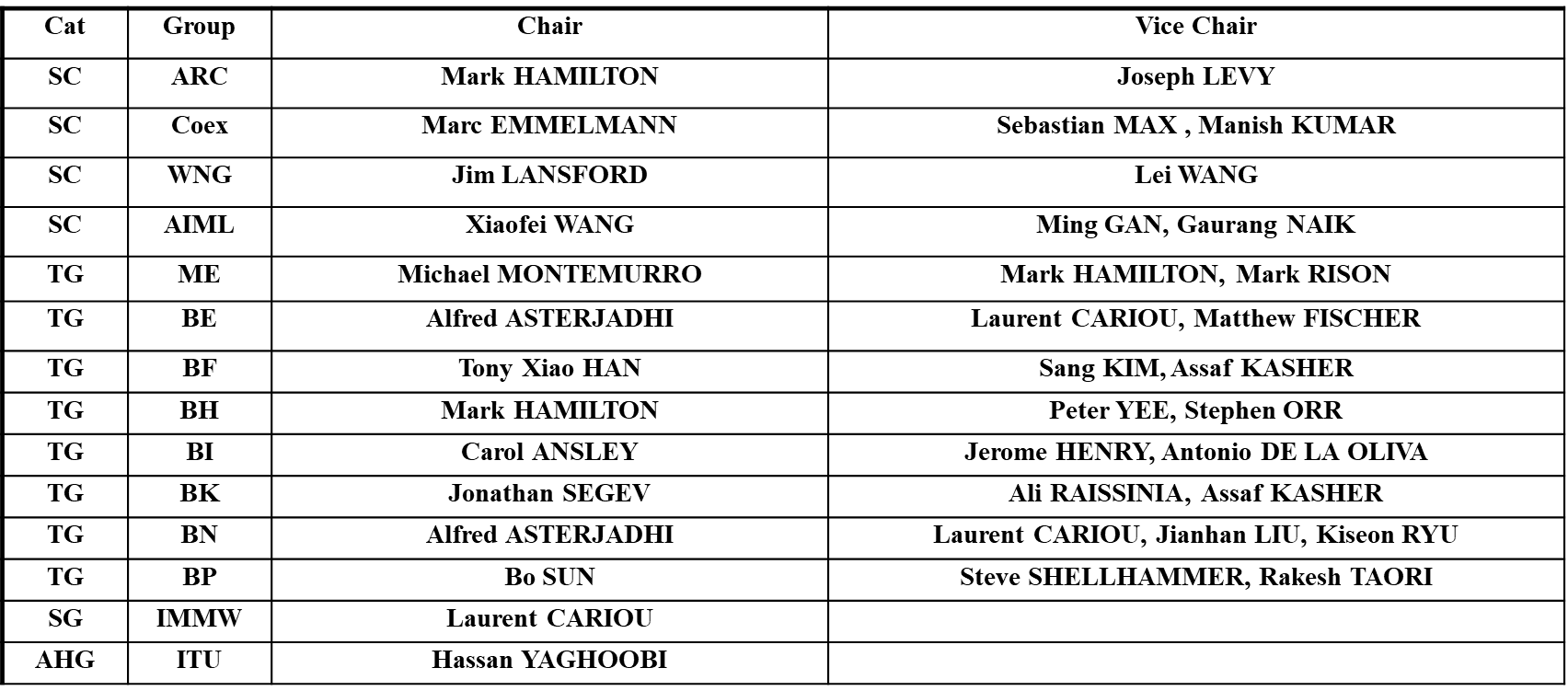
**Friday, May 17th, 2024**

**IEEE 802.11 Closing Plenary**

Call to order at 08:00 CEST by Robert Stacey (Intel).

There were 73 people in the meeting (in the room) and 292 recorded in the attendance tool (IMAT).

1. **Approve/modify working group agenda** (11-24-0704r4)
   1. Chair: There have been some minor changes to the agenda since the mid-week plenary.
   2. **Approve the agenda for today’s meeting as shown in 11-24-0704r4.**
      1. Moved: Rich Kennedy, 2nd: Mark Hamilton
      2. No objection to approving by unanimous consent.
2. **Announcements** (11-24-0708r1)
   1. **Participation** (slide #15 - #17)
      1. Please can you all remember to read these slides and understand that everyone is here as an individual subject matter expert.
   2. **Call for Essential Patents** (slide #18)
      1. This is the Call for Essential Patents.
      2. No statements.
      3. No questions.
   3. **Meeting Decorum** (slide #19)
      1. No questions.
   4. **Next session and CAC meetings** (slide #20)
      1. The next session of the IEEE 802.11 working group is from July 14-19, 2024. It will be a mixed mode session in Montreal.
      2. Please be aware of the chair’s committee meetings (CAC), the first one of which will be on June 10th at 09:00 ET. Please note the deadline for the sub-group agendas.
   5. **Announcements** (slide #21)
      1. **802REVc**
      2. There is an 802REVc comment collection at the moment from a recent re-circulation ballot.
      3. **Operations Manual**
      4. The 802.11 operations manual has been updated, doc 11-22-1638r1. Approval in July.
      5. No questions.
   6. **Individual Experts** (slide #22)
      1. Chair: There have been no changes to this slide since Wednesday.
      2. No questions.
   7. **Minutes reminder**
      1. Secretary: Please can all sub-group chairs remember that their minutes should be posted to the server within 30 days of the completion of this session.
      2. No questions.
   8. **Letters of Assurance (LoA)** (slide #23)
      1. This is a list of the 2 current LoAs that are open.
      2. No questions.
   9. **IEEE Store and ISO SC6** (slides #24 - #25)
      1. This is the current list of items available in the IEEE store and those drafts communicated with ISO SC6.
      2. No questions.
   10. **Social Media** (slide #26)
       1. There are several recent updates to the social media blogs. Please look at the blog references mentioned on the slide.
       2. No questions.
   11. **IEEE 802 Public Visibility Standing Committee** (slide #27)
       1. This IEEE 802 group is designed to increase the external visibility of IEEE 802.
       2. Please review the LinkedIn page which is regularly updated.
       3. No questions.
   12. **IEEE 802.11 Public Visibility Events** (slide #28)
       1. On Sunday May 19th there is a virtual celebration of 50 years of the internet.
       2. On Monday May 20th, there is an IEEE Milestone celebration of IEEE 802.
       3. No questions.
3. **Treasury Report** (ec-24-0007r4)
   1. VC1: This shows the treasurers’ report and is correct as of April 10th, 2024.
   2. At the moment, not all the income from the Panama session (January 2024) has been accounted for.
   3. The account is operating well at the moment and the expenditure on sessions has averaged out over the last 2 years.
   4. Please remember to pay your registration fees for our sessions.
   5. Regarding deadbeats, there is 1 new name that was added to the list, as a result of the January 2024 session.
   6. There have been 621 people registered for this session in Warsaw that was slightly higher than initially expected.
   7. Q: It would be great to see the attendance numbers by continent, to determine where the future venues should be.
   8. A: Ok.
4. **May 2024 Venue Straw Polls** (11-24-0727r0 - slide #22)
   1. Only people present in the room were asked to participate in the following straw polls:
   2. **1. How many people would like to come back to this venue?** 
      1. Yes: 69
      2. No: 0
   3. **2. Did you go to the social?**
      1. Yes: 65
      2. No: 4
   4. **3. If you attended the social, did you like the social?**
      1. Yes: 56
      2. No: 1
   5. 4. **Did you like the bus tour**: 37
      1. C: Regarding the social, the waiters and waitress were not that friendly.
      2. C: I think it depended where you were sat in the venue. In addition, there was some confusion about paying for extra drinks.
5. **Future Venues Manager Report** (11-24-0727r0)
   1. Slide #16 shows the future interim venues and this hotel here in Warsaw has indicated that they would be happy to have us return here again in 2028.
   2. Regarding the Victoria, Canada venue in January 2026, there is a minor issue with the network that needs to be addressed before that contract can proceed.
   3. Slide #17 shows the corresponding plenary venues.
   4. C: I think the room temperature this week in the meeting rooms was excellent.
   5. No questions.
6. **Timeline update**
   1. There will be some small updates to a couple of task groups and a new row for TGbp
   2. These will be reflected in the timeline chart shortly: <https://www.ieee802.org/11/Reports/802.11_Timelines.htm>.
   3. No questions.
7. **Attendance statistics** (11-24-0710r2 slide #4)
   1. These slides are a summary of the attendance statistics and sub-group activities during this session. The numbers have been increasing slowly over the last couple of years and the March 2024 was a historic high for IEEE 802.11.
   2. No questions
8. **WG Closing Reports** (11-24-0710r2)
   1. **Editors** (slide #10)
      1. Slide #14 shows the current amendment ordering. There has been no change.
      2. The ANA managed number spaces are listed on slide #17.
      3. No questions.
   2. **AIML SC** (slide #18)
      1. This was the first meeting of the AIML standing committee and there were 2 submissions presented.
      2. No questions
   3. **ARC SC** (slide #21)
      1. The group discussed the IEEE Std 802 revision activity (P802REVc).
      2. Responses to the WBA have been delayed and the Annex G activity did not occur this session.
      3. There is a list of outstanding items on slide #24.
      4. No questions
   4. **Coex SC** (slide #26)
      1. There were 3 meeting this session, including a joint discussion with 802.15.4ab.
      2. Other topics included ETSI BRAN and the Bluetooth SIG.
      3. No questions.
   5. **WNG SC** (slide #36)
      1. There were 3 presentations this week:
         * “Towards Reducing Handoff Times in Next Generation Wireless Networks,” Sohaib Manzoor (Mirpur University of Science and Technology, Pakistan) 0781r0
         * “Quo vadis, LC in 802.11?,” Volker Jungnickel (Fraunhofer Heinrich Hertz Institute HHI) 0894r1
         * “Follow-up of the data offload using WLAN in connected vehicle case,” Jing Ma (Toyota) 0793r1
      2. No questions.
   6. **JTC1 SC** (slide #38)
      1. The meeting covered the status of various IEEE 802 amendments going through the PSDO process.
      2. There are still some IPR issues that are slowing progress between IEEE 802.11 and ISO.
      3. No questions.
   7. **TGme** (slide #41)
      1. This session, the group has completed comment resolutions from the SA ballot re-circulation.
      2. There is also a proposal for a TGmf PAR, to allow a new revision amendment to keep working on rolling in future WG amendments, beyond IEEE 802.11-2024.
      3. No questions.
   8. **TGbe** (slide #46)
      1. There were only 2 joint meetings this session to resolving all the remaining from the initial SA ballot. The draft has been revised to D6.0 and the SA re-circulation ballot has now started.
      2. Q: I understand that because 11bh is now before 11be, are they completely aligned?
      3. A: I think the editors understand that they are.
      4. Chair: Hopefully, IEEE 802.11-2024, 11be and 11bh will all complete at the same time.
      5. C: I don’t think there are any serious 11bh and 11be issues. These will not effect the current timelines
   9. **TGbf** (slide #50)
      1. The initial SA ballot D4.0 is now open, so the future work will address any received comments.
      2. No questions.
   10. **TGbh** (slide #54)
       1. The group has worked on many comments from the initial SA ballot.
       2. There is a plan to have an ad-hoc meeting in June to work on comment resolutions.
       3. Thanks to the new secretary Jay Yang (ZTE).
       4. No questions.
   11. **TGbi** (slide #58)
       1. The group met 5 times this week and reviewed several technical submissions. The plan is to create a D0.4 and then start a comment collection in June 2024.
       2. No questions.
   12. **TGbk** (slide #62)
       1. The group worked on 50 comment resolutions from LB286. The SA ballot pool is now open.
       2. No questions.
   13. **TGbn** (slide #68)
       1. There were 50 contributions presented in 9 meetings during this session.
       2. Q: There may be an issue with 11-24-0171r8 that needs to be updated.
       3. A: Yes, an update will be created.
   14. **TGbp** (slide #72)
       1. This was the first meeting of this TG. A technical down selection procedure was discussed together with some technical submissions.
       2. No questions.
   15. **IMMW SG** (slide #76)
       1. The motion on the PAR and CSD documents failed to be approved this week.
       2. Therefore, the plan is to try again at the next session.
       3. No questions.
9. **Break**
   1. Chair: Let’s continue with the meeting.
10. **Working Group Motions** (11-24-0713r1)
    1. Q: There is an error in the WG agenda for this meeting, as the start of item 3.4.2 is incorrect.
    2. A: Yes, thank you. That will be corrected.
    3. Chair: Once again, the DirectVoteLive tool will be used for the motions.
    4. **Motion 1: Officer Confirmation**
       1. **Approve the following table of officers**

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* + 1. Moved by Mark Hamilton, 2nd: Rakesh Taori
    2. Approved by unanimous consent.
  1. **Motion 2: P802.11 revision PAR**
     1. **Believing that the PAR contained in the document referenced below meets IEEE-SA guidelines,**
     2. **Request that the PAR contained in https://mentor.ieee.org/802.11/dcn/24/11-24-0859-01-000m-p802-11revm-revision-par.docx be posted to the IEEE 802 Executive Committee (EC) agenda for EC approval to submit to NesCom, granting the WG chair editorial license.**
     3. Moved by Mike Montemurro on behalf of TGme, Second: Jerome Henry
     4. James Gilb abstains (and wishes to have his name recorded in these minutes)
     5. Result: Yes: 111, No: 1, Abstain: 2 (Motion passes)
     6. [TGme result: Moved: Jerome Henry, 2nd: Robert Stacey, Result: 11/0/1]
  2. **Motion 3: 802.11 liaison to IETF**
     1. **Approve the liaison document https://mentor.ieee.org/802.11/dcn/24/11-24-0905-01-0000-liaison-to-ietf-regarding-rfc-8110.docx and request the WG chair to forward it to the IETF, granting the WG chair editorial license.**
     2. Moved: Mike Montemurro, 2nd: Jouni Malinen
     3. Result: Yes: 96, No: 0, Abstain: 12 (Motion passes)
  3. **Motion 4: P802.11bf PAR Extension**
     1. **Believing that the PAR contained in the document referenced below meets IEEE-SA guidelines,**
     2. **Request that the PAR contained in 11-24-0903r0 be posted to the IEEE 802 Executive Committee (EC) agenda for WG 802 preview and EC approval to submit to NesCom.**
     3. Moved: Tony Xiao Han on behalf of TGbf, 2nd: Lei Wang
     4. Result: Yes: 85, No: 0, Abstain: 17 (Motion passes)
     5. [TGbf Result: Moved: Claudio da Silva , Second: Dongguk Lim Yes: 20, No: 0, Abstain: 0]
  4. **Motion 5: P802.11bf CSD Re-affirmation**
     1. **Re-affirm the P802.11bf CSD in ec-20-0203r0:**
     2. [**https://mentor.ieee.org/802-ec/dcn/20/ec-20-0203-00-ACSD-p802-11bf.docx**](https://mentor.ieee.org/802-ec/dcn/20/ec-20-0203-00-ACSD-p802-11bf.docx)
     3. Moved: Tony Xiao Han, 2nd: Jerome Henry
     4. Result: Yes: 82, No: 0, Abstain: 18 (Motion passes)
  5. **Motion 6: P802.11bh Ad-hoc**
     1. **Approve a P802.11bh ad-hoc meeting on June 18-20 in Sunnyvale, CA, USA for the purposes of:**
     2. **comment resolutions**
     3. **consideration of document submissions**
     4. **consideration of an SA initial recirculation ballot on D5.0**
     5. Moved by Mark Hamilton on behalf of TGbh/Second: Nikola Serafimovski
     6. Result: Unanimous consent (Motion passes)
     7. [TGbh: Moved: Jon Rosdahl, 2nd: Jouni Malinen, Result: 14/0/10]
  6. **Motion 7: ELC Study Group**
     1. **Request approval by IEEE 802 LMSC to form an 802.11 Enhanced Light Communication (ELC) Study Group to study operation of 802.11 in optical bands, as described in doc. 11-24/0894r1, with the intent of creating a PAR and CSD.**
     2. Moved: Volker Jungnickel, 2nd: Nikola Serafimovski
     3. C: I speak in favour of this motion. I think there have been some changes in the technology since 11bb was completed.
     4. Q: I think a TIG would be better, as it’s not clear as to which technology the PAR will describe.
     5. A: It was discussed within the IMMW SG and the decision was to consider an SG.
     6. C: I would like to speak inn favour of the motion. The SG will describe scope of which features need to be updated.
     7. Chair: This will go to the EC in July, so the SG will not meet until later in the year.
     8. Result: Yes: 77, No: 7, Abstain: 37 (Motion passes)

1. **Any other Business (AoB)**
   1. None
2. **Next WG Session**
   1. The date of the next IEEE 802.11 WG session is July 14-19th, 2024 in Montreal and is a mixed mode session. Please that the early bird registration finishes today May 17th 2024.
3. **Adjournment**
   1. Having completed the agenda, the chair announced that the meeting was adjourned at 09:52 CEST.

**Annex A: Attendance & Affiliation**

| **Name** | **Affiliation** | **Attended >= 75%?** | **Status** |
| --- | --- | --- | --- |
| Abdelaal, Rana | Broadcom Corporation | FALSE | Voter |
| Abeywickrama, Tharindu | Huawei Technologies Co., Ltd | TRUE | Aspirant |
| AbidRabbu, Shaima' | VESTEL, IMU | TRUE | Voter |
| Abouelseoud, Mohamed | Apple Inc. | TRUE | Voter |
| Abougreen, Arij | VESTEL, IMU | TRUE | Aspirant |
| Aboulmagd, Osama | Huawei Technologies Co., Ltd | TRUE | Voter |
| Adachi, Tomoko | TOSHIBA Corporation | TRUE | Voter |
| Adhikari, Shubhodeep | Broadcom Corporation | TRUE | Voter |
| Agarwal, Peyush | Broadcom Corporation | FALSE | Voter |
| Aio, Kosuke | Sony Corporation | TRUE | Voter |
| Ajami, Abdel Karim | Apple Inc. | TRUE | Voter |
| Akhmetov, Dmitry | Intel | TRUE | Voter |
| Alagarsamy, Srividhya | Broadcom Corporation | TRUE | Voter |
| Ali, Sawaira | Istanbul Medipol University, Vestel | TRUE | Voter |
| AL OLAIMAT, AYAT | Vestel, IMU | TRUE | Aspirant |
| Amtmann, Franz | NXP Semiconductors | TRUE | Aspirant |
| Ansley, Carol | Cox Communications Inc. | TRUE | Voter |
| Anwyl, Gary | MediaTek Inc. | TRUE | Voter |
| Arlandis, Diego | Maxlinear Corp | TRUE | Voter |
| Arregui, Antonio | Maxlinear Corp. | TRUE | Voter |
| Asai, Yusuke | NTT | TRUE | Voter |
| Asterjadhi, Alfred | Qualcomm Technologies, Inc | TRUE | Voter |
| Au, Kwok Shum | Huawei Technologies Co., Ltd | FALSE | ExOfficio |
| Avital, Ziv | Maxlinear | TRUE | Voter |
| Awater, Geert | Qualcomm Technologies Netherlands B.V. | TRUE | Voter |
| Aygul, Mehmet | Vestel | TRUE | Non-Voter |
| Azizi, Shahrnaz | Intel Corporation | TRUE | Voter |
| Balakrishnan, Hari Ram | NXP Semiconductors | TRUE | Non-Voter |
| Badenes, Agustin | MaxLinear Corp | TRUE | Voter |
| Baek, SunHee | LG ELECTRONICS | TRUE | Voter |
| Bahn, Christy | IEEE STAFF | FALSE | Non-Voter |
| Baik, Eugene | Qualcomm Incorporated | FALSE | Voter |
| Bajaj, Ian | Huawei International Pte. Ltd. | TRUE | Aspirant |
| Bajko, Gabor | MediaTek Inc. | TRUE | Voter |
| Banerjee, Subharthi | NXP Semiconductors | TRUE | Aspirant |
| Bankov, Dmitry | IITP RAS | TRUE | Voter |
| Bansal, Priyanka | NXP Semiconductors | TRUE | Voter |
| Bao, Zhanjing | TCL | TRUE | Voter |
| Baron, stephane | Canon Research Centre France | TRUE | Voter |
| Batra, Anuj | Apple Inc. | FALSE | Voter |
| Baykas, Tuncer | Ofinno | TRUE | Voter |
| Ben Arie, Yaron | Toga Networks (A Huawei Company) | TRUE | Voter |
| Berens, Friedbert | FBConsulting Sarl | TRUE | Voter |
| Berger, Christian | NXP Semiconductors | TRUE | Voter |
| Bethapudi, Shirly | NXP Semiconductors | TRUE | Aspirant |
| Bhandaru, Nehru | Broadcom Corporation | TRUE | Voter |
| Bhattacharya, Abhijit | Qualcomm Incorporated | TRUE | Potential Voter |
| Bian, Tong | Panasonic | TRUE | Voter |
| Bims, Harry | Bims Laboratories, Inc. | FALSE | Voter |
| BIR, Rania Yasmine | Vestel Electronics | FALSE | Non-Voter |
| Bo, Cao | ZTE Corporation | TRUE | Voter |
| Boldy, David | Broadcom Corporation | TRUE | Voter |
| Borges, Daniel | Apple, Inc. | TRUE | Voter |
| Bredewoud, Albert | Broadcom Corporation | TRUE | Voter |
| Byeon, Seongho | SAMSUNG ELECTRONICS | TRUE | Aspirant |
| Campiglio, Ugo | Cisco Systems, Inc. | TRUE | Voter |
| Canchi, Radhakrishna | Kyocera International Inc | FALSE | Voter |
| Cao, Rui | NXP Semiconductors | TRUE | Voter |
| Cariou, Laurent | Intel Corporation | FALSE | Voter |
| Carney, William | Sony Corporation | TRUE | Voter |
| Cha, Dongju | LG ELECTRONICS | TRUE | Voter |
| Chang, Chen-Yi | MediaTek Inc. | TRUE | Voter |
| Chaplin, Clint | Self | FALSE | ExOfficio |
| Chaturvedi, Abhishek | SAMSUNG ELECTRONICS | TRUE | Aspirant |
| Chay, Dor | Huawei Technologies Co., Ltd | TRUE | Aspirant |
| Che, Hui | Ruijie Networks Co., Ltd | TRUE | Aspirant |
| Chen, Cheng | Intel | TRUE | Voter |
| Chen, Cheng-Ming | Qualcomm Incorporated | TRUE | Voter |
| Chen, Shuqiao | Huawei Technologies Co., Ltd | TRUE | Voter |
| Chen, Xiaogang | Spreadtrum Communication USA, Inc | FALSE | Voter |
| CHEN, YI-HSUAN | Acer, Inc. | TRUE | Aspirant |
| Chen, You-Wei | MediaTek Inc. | TRUE | Voter |
| cheng, phoebe | MediaTek Inc. | TRUE | Voter |
| CHENG, yajun | Xiaomi Communications Co., Ltd. | TRUE | Voter |
| CHERIAN, GEORGE | Qualcomm Incorporated | TRUE | Voter |
| Chisci, Giovanni | Qualcomm Technologies, Inc | TRUE | Voter |
| Chitrakar, Rojan | Huawei International Pte Ltd | TRUE | Voter |
| Chiu, WenHsien | MediaTek Inc. | TRUE | Voter |
| Cho, Hangyu | LG ELECTRONICS | TRUE | Voter |
| Choi, JinHo | SAMSUNG ELECTRONICS | TRUE | Aspirant |
| Choi, Jinsoo | LG ELECTRONICS | FALSE | Voter |
| Choo, Seungho | Senscomm Semiconductor Co., Ltd. | TRUE | Aspirant |
| Chou, Tzu-Hsuan | Qualcomm Incorporated | TRUE | Voter |
| Chu, Liwen | NXP Semiconductors | TRUE | Voter |
| CHUN, JINYOUNG | LG ELECTRONICS | TRUE | Voter |
| Chung, Bruce | Realtek Semiconductor Corp. | TRUE | Voter |
| Ciochina, Dana | Sony Corporation | TRUE | Voter |
| Coffey, John | Realtek Semiconductor Corp. | TRUE | Voter |
| Contreras Albesa, Javier | Cisco Systems, Inc. | TRUE | Voter |
| Cortes, Diana | Google | FALSE | Voter |
| Das, Dibakar | Intel Corporation | TRUE | Voter |
| Das, Subir | Peraton Labs | TRUE | ExOfficio |
| Dash, Debashis | Apple, Inc. | TRUE | Voter |
| da Silva, Claudio | Meta Platforms; PWC, LLC | TRUE | Voter |
| DeLaOlivaDelgado, Antonio | InterDigital, Inc. | TRUE | Voter |
| Derham, Thomas | Broadcom Corporation | TRUE | Voter |
| de Vegt, Rolf | Qualcomm Incorporated | TRUE | Voter |
| Dinan, Esmail | Ofinno | TRUE | Aspirant |
| Di Taranto, Rocco | Ericsson AB | TRUE | Voter |
| Dong, Xiandong | Xiaomi Communications Co., Ltd. | TRUE | Voter |
| Doppler, Klaus | Nokia | TRUE | Potential Voter |
| Du, Rui | Huawei Technologies Co., Ltd | TRUE | Voter |
| Du, Zhenguo | Huawei Technologies Co., Ltd | TRUE | Voter |
| Eiger, Martin | Peraton Labs | TRUE | Potential Voter |
| Ekkundi, Manasi | SAMSUNG ELECTRONICS | TRUE | Aspirant |
| ElSherif, Ahmed | Qualcomm Incorporated | TRUE | Voter |
| EMMELMANN, MARC | Self | TRUE | Voter |
| Erceg, Vinko | Broadcom Corporation | TRUE | Voter |
| Erkucuk, Serhat | Ofinno | TRUE | Voter |
| Fan, Shuang | Sanechips Technology Co., Ltd. | TRUE | Potential Voter |
| Fang, Juan | Intel Corporation | TRUE | Voter |
| Fang, Yonggang | MediaTek Inc. | TRUE | Voter |
| feng, Shuling | MediaTek Inc. | TRUE | Voter |
| Ferruz, David | Maxlinear Corp | TRUE | Voter |
| Ficara, Domenico | Cisco Systems, Inc. | TRUE | Voter |
| Fischer, Matthew | Broadcom Corporation | TRUE | Voter |
| Fletcher, Paul | Samsung Cambridge Solution Center | TRUE | Voter |
| Fujimori, Yuki | Canon Research Centre France | TRUE | Voter |
| Gangur, Trivikram | Infineon Technologies | TRUE | Voter |
| Ganji, Mehdi | Charter Communications | TRUE | Voter |
| Gao, Ning | Guangdong OPPO Mobile Telecommunications Corp.,Ltd | TRUE | Voter |
| Garg, Lalit | Broadcom Corporation | TRUE | Voter |
| Gee, Thomas | Qorvo | TRUE | Voter |
| Ghosh, Chittabrata | Apple Inc. | TRUE | Voter |
| Gilb, James | General Atomics Aeronautical Systems, Inc. | FALSE | ExOfficio |
| Godfrey, Tim | Electric Power Research Institute, Inc. (EPRI) | FALSE | ExOfficio |
| Gong, Bo | Huawei Technologies Co., Ltd | TRUE | Voter |
| Goto, Fumihide | DENSO CORPORATION | TRUE | Voter |
| Gu, Jaheon | Samsung Electronics Co., Ltd. | TRUE | Aspirant |
| Gu, Junrong | Clourney Semiconductor | TRUE | Voter |
| Gu, Xiangxin | Spreadtrum Communications (Shanghai) Co., Ltd. | TRUE | Voter |
| GUIGNARD, Romain | Canon Research Centre France | TRUE | Voter |
| Guo, Yuchen | Huawei Technologies Co., Ltd | TRUE | Voter |
| Guo, Ziyang | Huawei Technologies Co., Ltd | TRUE | Voter |
| Gupta, Binita | Cisco Systems, Inc. | TRUE | Voter |
| Gupta, Raghvendra | Broadcom Corporation | TRUE | Aspirant |
| gutierrez, luis | Broadcom Corporation | TRUE | Voter |
| Ha, Taeyoung | Samsung Electronics Co., Ltd. | TRUE | Voter |
| Haasz, Jodi | IEEE Standards Association (IEEE-SA) | FALSE | Non-Voter |
| Haider, Muhammad Kumail | Meta Platforms Inc. | TRUE | Voter |
| Halasz, David | Morse Micro | TRUE | Voter |
| Hamilton, Mark | Ruckus/CommScope | TRUE | Voter |
| HAN, DONG | Apple Inc. | TRUE | Aspirant |
| Han, Jin-Kyu | SAMSUNG ELECTRONICS | TRUE | Aspirant |
| Han, Jonghun | Korea Railroad Research Institute (KRRI) | FALSE | Non-Voter |
| HAN, Xiao | Huawei Technologies Co., Ltd | TRUE | Voter |
| Handte, Thomas | Sony Group Corporation | TRUE | Voter |
| Hangbin, Zhao | China Mobile (Hangzhou) Information Technology Co., Ltd | FALSE | Voter |
| Harkins, Daniel | Hewlett Packard Enterprise (Aruba Networks) | FALSE | Voter |
| Harrison, Edward | Anritsu Company | TRUE | Voter |
| Hart, Brian | Cisco Systems, Inc. | TRUE | Voter |
| Har-Zion, Yuval | Renesas Electronics Corporation | TRUE | Aspirant |
| Hasabelnaby, Mahmoud | Huawei Technologies Canada; Huawei Technologies Co., Ltd | TRUE | Aspirant |
| Hawkes, Philip | Qualcomm Incorporated | FALSE | Voter |
| He, Chuanfeng | Beijing OPPO telecommunications corp., ltd | TRUE | Non-Voter |
| Hedayat, Ahmadreza | Apple Inc. | TRUE | Voter |
| Helmy, Ahmed | Apple Inc. | TRUE | Voter |
| Helwa, Sherief | Qualcomm Technologies, Inc | TRUE | Voter |
| Henry, Jerome | Cisco Systems, Inc. | TRUE | Voter |
| Hernandez, Marco | National Institute of Information and Communications Technology (NICT) | FALSE | Voter |
| hervieu, Lili | Cable Television Laboratories Inc. (CableLabs) | TRUE | Voter |
| Hiertz, Guido | Ericsson GmbH | TRUE | Voter |
| Hirata, Ryuichi | Sony Corporation | TRUE | Voter |
| Ho, Duncan | Qualcomm Incorporated; Qualcomm Technologies, Inc | TRUE | Voter |
| Hosseinianfar, Hamid | Ofinno | TRUE | Aspirant |
| Hsiao, Ching-Wen | MediaTek Inc. | TRUE | Voter |
| Hsieh, Hung-Tao | MediaTek Inc. | TRUE | Voter |
| Hsu, Chien-Fang | MediaTek Inc. | TRUE | Voter |
| Hsu, Ostrovsky | Xiaomi Communications Co., Ltd. | TRUE | Voter |
| Hsu, Yung Lin | National Taiwan University | TRUE | Aspirant |
| Hsu, Yungping | MediaTek Inc. | TRUE | Aspirant |
| Hu, Chunyu | Spreadtrum Communications USA | FALSE | Voter |
| Hu, Mengshi | Huawei Technologies Co., Ltd | TRUE | Voter |
| Hu, Shengquan | MediaTek Inc. | TRUE | Non-Voter |
| HUANG, CHIHAN | MediaTek Inc. | TRUE | Voter |
| Huang, Guogang | Huawei Technologies Co., Ltd | TRUE | Voter |
| huang, kaikai | Nokia | TRUE | Voter |
| Huang, Lei | Huawei International Pte Ltd | TRUE | Voter |
| Huang, Po-Kai | Intel | TRUE | Voter |
| Huang, Qisheng | ZTE Corporation | TRUE | Non-Voter |
| Inohiza, Hirohiko | Canon | TRUE | Voter |
| Inoue, Kyosuke | SHARP CORPORATION | TRUE | Aspirant |
| Iranzo, Salvador | MaxLinear Corp | TRUE | Voter |
| Jaeckel, Stephan | Fraunhofer Heinrich Hertz Institute | TRUE | Aspirant |
| Jang, Insun | LG ELECTRONICS | TRUE | Voter |
| Jee, Anand | SAMSUNG ELECTRONICS | TRUE | Aspirant |
| Jeffries, Timothy | Futurewei Technologies | TRUE | Voter |
| Jeon, Eunsung | SAMSUNG ELECTRONICS | TRUE | Voter |
| Ji, Chenhe | Huawei Technologies Co., Ltd | TRUE | Voter |
| Jiang, Jinjing | Apple, Inc. | FALSE | Voter |
| Joh, Hanjin | KT Corp. | TRUE | Voter |
| Jones, Vincent Knowles IV | Qualcomm Incorporated | TRUE | Voter |
| Jung, Insik | LG ELECTRONICS | TRUE | Voter |
| Jungnickel, Volker | Fraunhofer Heinrich Hertz Institute | FALSE | Voter |
| Kabbinale, Aniruddh | SAMSUNG | TRUE | Voter |
| Kadampot, Ishaque Ashar | Qualcomm Technologies, Inc. | FALSE | Voter |
| Kakani, Naveen | Qualcomm Incorporated; Qualcomm Technologies, Inc | TRUE | Voter |
| Kalamkar, Sanket | Qualcomm Technologies, Inc | TRUE | Voter |
| kamath, Manoj | Broadcom Corporation | TRUE | Voter |
| Kamel, Mahmoud | InterDigital, Inc. | TRUE | Voter |
| Kancherla, Sundeep | Infineon Technologies | FALSE | Voter |
| Kandala, Srinivas | SAMSUNG | TRUE | Voter |
| Kang, HaoHua | MediaTek Inc. | TRUE | Voter |
| KANG, TEAG JIN | Broadcom Corporation | TRUE | Voter |
| Karamyshev, Anton | IITP RAS | TRUE | Voter |
| Karthik, S. G. | SAMSUNG ELECTRONICS | TRUE | Aspirant |
| Kasargod, Sudhir | Infineon Technologies | TRUE | Voter |
| Kennedy, Connor | Meta Platforms Inc. | FALSE | Voter |
| Kennedy, Richard | Bluetooth SIG | TRUE | Voter |
| Kezys, Vytas | CONSULTANT | TRUE | Voter |
| Khericha, samir | Broadcom Corporation | TRUE | Voter |
| Khorov, Evgeny | IITP RAS | TRUE | Voter |
| KIM, DONGWAN | Broadcom Corporation | TRUE | Voter |
| Kim, Geon Hwan | LG ELECTRONICS | TRUE | Voter |
| Kim, Hyungjin | Broadcom Corporation | TRUE | Voter |
| Kim, Jeongki | Ofinno | TRUE | Voter |
| Kim, Sang Gook | LG ELECTRONICS | TRUE | Voter |
| Kim, Sanghyun | WILUS Inc. | TRUE | Voter |
| Kim, Yongho | Korea National University of Transportation | TRUE | Voter |
| Kim, Youhan | Qualcomm Technologies, Inc. | TRUE | Voter |
| Kishida, Akira | Nippon Telegraph and Telephone Corporation (NTT) | TRUE | Voter |
| Kitazawa, Shoichi | Muroran IT | TRUE | Voter |
| Klein, Arik | Huawei Technologies Co., Ltd | TRUE | Voter |
| Kneckt, Jarkko | Apple Inc. | TRUE | Voter |
| Koo, Jonghoe | SAMSUNG ELECTRONICS | TRUE | Potential Voter |
| Koundourakis, Michail | Samsung Cambridge Solution Center | TRUE | Voter |
| Krebs, Alexander | Apple Inc;Apple Inc. | TRUE | Voter |
| Krieger, Ann | US Department of Defense | FALSE | Non-Voter |
| Kumar, Manish | NXP Semiconductors | TRUE | Voter |
| Kuo, Chih-Chun | MediaTek Inc. | TRUE | Voter |
| Kureev, Aleksey | IITP RAS | TRUE | Voter |
| Lalam, Massinissa | SAGEMCOM BROADBAND SAS | TRUE | Voter |
| Lan, Zhou | Apple Inc. | TRUE | Voter |
| Lanante, Leonardo | Ofinno | TRUE | Voter |
| Lansford, James | University of Colorado at Boulder | TRUE | Voter |
| Lee, Hong Won | LG ELECTRONICS | FALSE | Voter |
| Lee, Jack | SAMSUNG ELECTRONICS | TRUE | Potential Voter |
| LEE, JOONSOO | Newracom Inc. | TRUE | Voter |
| Lee, Wookbong | Apple Inc. | TRUE | Voter |
| Lentmaier, Michael | Lund University | TRUE | Aspirant |
| Levitsky, Ilya | IITP RAS | TRUE | Voter |
| Levy, Joseph | InterDigital, Inc. | TRUE | Voter |
| Li, Bo | Northwestern Polytechnical University | TRUE | Voter |
| Li, Guoqing | Meta | FALSE | Voter |
| Li, Jialing | Qualcomm Technologies, Inc | TRUE | Voter |
| Li, Panpan | Huawei Technologies Co., Ltd | TRUE | Aspirant |
| Li, Qinghua | Intel | TRUE | Voter |
| Li, Weiyi | Spreadtrum Communication USA, Inc | TRUE | Voter |
| Li, Xin | Huawei Technologies Co., Ltd | TRUE | Voter |
| Li, Yan | ZTE Corporation | TRUE | Voter |
| Li, Yanchun | Huawei Technologies Co., Ltd | TRUE | Voter |
| Li, Yapu | Guangdong OPPO Mobile Telecommunications Corp.,Ltd | TRUE | Voter |
| li, yun | ZTE Corporation | TRUE | Voter |
| Li, Yunbo | Huawei Technologies Co., Ltd | TRUE | Voter |
| Lim, Dong Guk | LG ELECTRONICS | TRUE | Voter |
| Lin, Wei | Huawei Technologies Co., Ltd | TRUE | Voter |
| Lindskog, Erik | SAMSUNG | TRUE | Aspirant |
| LIU, CHENCHEN | Huawei Technologies Co., Ltd | FALSE | Voter |
| Liu, Der-Zheng | Realtek Semiconductor Corp. | TRUE | Voter |
| Liu, Jeff | Broadcom Corporation | FALSE | Voter |
| Liu, Jianhan | MediaTek Inc. | TRUE | Voter |
| Liu, Peng | Huawei Technologies Co., Ltd | TRUE | Voter |
| LIU, QINGLAI | Panasonic | TRUE | Potential Voter |
| Liu, Wenchao | Self | FALSE | Non-Voter |
| Liu, Yong | Apple, Inc. | TRUE | Voter |
| Loginov, Vyacheslav | IITP RAS | TRUE | Voter |
| Lorgeoux, Mikael | Canon Research Centre France | TRUE | Voter |
| Lou, Hanqing | InterDigital, Inc. | TRUE | Voter |
| Lovison, Federico | Cisco Systems, Inc. | TRUE | Voter |
| Lu, kaiying | MediaTek Inc. | TRUE | Voter |
| Lu, Liuming | Guangdong OPPO Mobile Telecommunications Corp.,Ltd | TRUE | Voter |
| LU, Yuxin | TCL Industries | TRUE | Potential Voter |
| Luo, Chaoming | Beijing OPPO telecommunications corp., ltd. | TRUE | Voter |
| luo, hui | Infineon Technologies | TRUE | Voter |
| Lyu, Yunping(Lily) | Huawei Technologies Co., Ltd;Huawei Technologies Co., Ltd | FALSE | Non-Voter |
| Ma, Jing | Toyota Motor Corporation | TRUE | Voter |
| Ma, Li | MediaTek Inc. | FALSE | Voter |
| Ma, Yongsen | SAMSUNG ELECTRONICS | TRUE | Voter |
| Ma, Yunsi | HiSilicon Technologies Co., LTD. | TRUE | Voter |
| Madni, Haji Muhammad | Vestel | TRUE | Voter |
| Magrin, Davide | Meta Platforms Inc. | TRUE | Voter |
| Mak, Siukai | Broadcom Corporation | TRUE | Voter |
| Malinen, Jouni | Qualcomm Technologies, Inc | TRUE | Voter |
| Mantha, Abhishek | Broadcom Corporation | TRUE | Voter |
| MAO, ZHI | Huawei Technologies Co., Ltd | TRUE | Voter |
| Marks, Roger | EthAirNet Associates | FALSE | ExOfficio |
| Martinez Vazquez, Marcos | MaxLinear Corp | TRUE | Voter |
| Max, Sebastian | Ericsson AB | TRUE | Voter |
| McCann, Stephen | Huawei Technologies Co., Ltd | TRUE | Voter |
| Mehrnoush, Morteza | Apple Inc | TRUE | Voter |
| Mehta, Mehul | Pharrowtech BV | TRUE | Voter |
| MELZER, Ezer | Toga Networks, a Huawei company | TRUE | Voter |
| Minotani, Jun | Panasonic Holdings Corporation | TRUE | Voter |
| Moelker, Dignus-Jan | Broadcom Corporation | TRUE | Voter |
| Mohamed, Ahmed | NXP Semiconductors | TRUE | Aspirant |
| Mohamed Hassan Salem, Nedime Pelin | Cisco Systems, Inc. | TRUE | Voter |
| Monajemi, Pooya | Apple Inc. | TRUE | Voter |
| Montemurro, Michael | Huawei Technologies Co., Ltd | TRUE | Voter |
| Montreuil, Leo | Broadcom Corporation | TRUE | Voter |
| Moon, Juseong | Korea National University of Transportation | TRUE | Voter |
| Morioka, Hitoshi | SRC Software | TRUE | Voter |
| Motozuka, Hiroyuki | Panasonic Holdings Corporation | TRUE | Voter |
| Mourtada, Yasser | Ofinno | TRUE | Aspirant |
| Mukherjee, Suprojit | Infineon Technologies | TRUE | Potential Voter |
| Mutgan, Okan | Nokia | TRUE | Voter |
| Nagai, Yukimasa | Mitsubishi Electric Corporation | FALSE | Voter |
| Naik, Gaurang | Qualcomm Technologies, Inc | TRUE | Voter |
| Nakano, Hiroki | CAHI Corporation; Kyoto University | FALSE | Non-Voter |
| NAM, Sol-eep | newandip | TRUE | Aspirant |
| Namvar, Nima | Charter Communications | TRUE | Non-Voter |
| Narengerile, Narengerile | Huawei Technologies Co., Ltd | TRUE | Voter |
| Nassiri Toussi, Karim | Broadcom Corporation | TRUE | Voter |
| Nayak, Peshal | Samsung Research America | TRUE | Voter |
| Neishaboori, Azin | General Motors Company | TRUE | Voter |
| Nezou, Patrice | Canon Research Centre France | TRUE | Voter |
| Ng, Boon Loong | Samsung Research America | TRUE | Voter |
| Nguyen, An | U.S. Department of Homeland Security | TRUE | Voter |
| Nogami, Toshizo | SHARP CORPORATION | TRUE | Aspirant |
| Noh, Si-Chan | Newracom Inc. | TRUE | Voter |
| Norouzi, Sara | Huawei Technologies Canada; Huawei Technologies Co., Ltd | TRUE | Potential Voter |
| Nurani Krishnan, Neelakantan | Apple Inc. | TRUE | Voter |
| Ohmoto, Ryutaro | Nihon Dengyo Kosaku Co. Ltd. | TRUE | Voter |
| Omar, Hassan | Huawei Technologies Co., Ltd | TRUE | Voter |
| Orr, Stephen | Cisco Systems, Inc. | TRUE | Voter |
| ouzane, riadh | Vestel, IMU | TRUE | Aspirant |
| Pakrooh, Pooria | Qualcomm Incorporated | TRUE | Voter |
| Palm, Stephen | Broadcom Corporation | TRUE | Voter |
| Pan, Ju Yan | Huawei Technologies Co., Ltd | TRUE | Aspirant |
| Pandey, Sheetal | Synaptics Inc. | FALSE | Voter |
| Pare, Thomas | MediaTek Inc. | TRUE | Voter |
| Park, Eunsung | LG ELECTRONICS | TRUE | Voter |
| Park, Minyoung | Intel Corporation | TRUE | Voter |
| Park, Sungjin | senscomm | TRUE | Voter |
| Parsons, Glenn | Ericsson AB | TRUE | ExOfficio |
| Patil, Abhishek | Qualcomm Incorporated | TRUE | Voter |
| Patwardhan, Gaurav | Hewlett Packard Enterprise | TRUE | Voter |
| Peng, Lan | Huawei Technologies Co., Ltd | TRUE | Voter |
| Peng, Ronny | MediaTek Inc. | TRUE | Voter |
| Perahia, Eldad | Hewlett Packard Enterprise | FALSE | Voter |
| Petranovich, James | ViaSat, Inc. | TRUE | Voter |
| Petrick, Albert | Jones-Petrick and Associates, LLC. | TRUE | Voter |
| Pettersson, Charlie | Ericsson AB | TRUE | Voter |
| Porat, Ron | Broadcom Corporation | TRUE | Voter |
| Pottigari, Sachin | NXP Semiconductors | TRUE | Voter |
| Powell, Clinton | Facebook | FALSE | ExOfficio |
| Prabhakaran, Dinakar | Broadcom Corporation | TRUE | Voter |
| Ptasinski, Henry | Element78 Communications LLC | TRUE | Voter |
| Puducheri, Srinath | Broadcom Corporation | TRUE | Voter |
| Pulikkoonattu, Rethnakaran | Broadcom Corporation | TRUE | Voter |
| Qassem, Ebrahem | Huawei Technologies Co., Ltd | FALSE | Aspirant |
| Qi, Emily | Intel | TRUE | Voter |
| Qi, Yinan | Guangdong OPPO Mobile Telecommunications Corp.,Ltd | TRUE | Voter |
| Qi, Yue | Samsung Research America | FALSE | Voter |
| QIAN, BIN | Huawei Technologies Co., Ltd | FALSE | Voter |
| Qian, Yurong | ZTE Corporation | TRUE | Voter |
| Quan, Li | ZTE Corporation | TRUE | Aspirant |
| Quan, Yingqiao | Spreadtrum | TRUE | Voter |
| Rafique, Saira | Istanbul Medipol University, Vestel | TRUE | Voter |
| Rai, Kapil | Qualcomm Incorporated | TRUE | Non-Voter |
| Raissinia, Alireza | Qualcomm Incorporated | TRUE | Voter |
| Rajashekar, Rakshith | Broadcom Corporation | TRUE | Voter |
| Ralle, Helene | Orange | TRUE | Potential Voter |
| Ratnam, Vishnu | Samsung Research America | TRUE | Voter |
| Redlich, Oded | Huawei Technologies Co., Ltd | FALSE | Voter |
| Regev, Dror | Toga Networks (A Huawei Company) | TRUE | Voter |
| REICH, MOR | Huawei Technologies Co., Ltd | TRUE | Voter |
| Rezk, Meriam | Qualcomm Technologies, Inc | TRUE | Voter |
| Riegel, Maximilian | IEEE member / Self Employed | TRUE | Voter |
| Rios, Carlos | Terabit Wireless Internet LLC | TRUE | Voter |
| Rison, Mark | Samsung Cambridge Solution Centre | TRUE | Voter |
| Robert, Joerg | Technische Universitaet Ilmenau | TRUE | Voter |
| Rosdahl, Jon | Qualcomm Technologies, Inc. | TRUE | Voter |
| Rosenzweig Arbel, Gil | Renesas Electronics Corporation | TRUE | Aspirant |
| Roy, Rishabh | SAMSUNG ELECTRONICS | TRUE | Aspirant |
| Roy, Sayak | NXP Semiconductors | TRUE | Voter |
| Ryu, Kiseon | NXP Semiconductors | TRUE | Voter |
| Sadiq, Bilal | Samsung Research America | TRUE | Aspirant |
| Sahyoun, Walaa | Canon Research Centre France | TRUE | Aspirant |
| Sakamoto, Ryunosuke | SHARP CORPORATION | TRUE | Aspirant |
| Salem, Mohamed | Huawei Technologies Co., Ltd | FALSE | Non-Voter |
| Sambasivan, Sam | AT&T | TRUE | Voter |
| Sand, Stephan | German Aerospace Center (DLR) | TRUE | Voter |
| sanderovich, Amichai | Wiliot Ltd | TRUE | Voter |
| Santra, Avik | Infineon Technologies | TRUE | Voter |
| Sasaki, Shigenobu | Niigata University | FALSE | Non-Voter |
| Sato, Takuhiro | SHARP CORPORATION | TRUE | Voter |
| Schelstraete, Sigurd | MaxLinear | TRUE | Voter |
| Schneider, Ben | Siemens AG; Siemens Corporation | TRUE | Aspirant |
| Schweizer, Benedikt | Apple Inc. | TRUE | Voter |
| Segev, Jonathan | Intel | TRUE | Voter |
| Seo, Sangho | Broadcom Corporation | TRUE | Voter |
| Seok, Yongho | Apple Inc. | TRUE | Voter |
| Serafimovski, Nikola | pureLiFi | TRUE | Voter |
| Serizawa, Kazunobu | Advanced Telecommunications Research Institute International (ATR) | TRUE | Voter |
| Sethi, Ankit | NXP Semiconductors | TRUE | Voter |
| Sevin, Julien | Canon Research Centre France | TRUE | Voter |
| Shafin, Rubayet | Samsung Research America | TRUE | Voter |
| Shaw, Amit | Infineon Technologies | TRUE | Voter |
| Shayovitz, Shachar | Huawei Technologies Co., Ltd | TRUE | Aspirant |
| Shellhammer, Stephen | Qualcomm Incorporated | FALSE | Voter |
| shen, wendi | National Taiwan University | TRUE | Aspirant |
| Sherlock, Ian | Texas Instruments Inc. | TRUE | Voter |
| shi, shuyu | TP-Link Corporation Limited | TRUE | Voter |
| Shilo, Shimi | Huawei Technologies Co., Ltd | FALSE | Voter |
| Shirakawa, Atsushi | SHARP CORPORATION | TRUE | Voter |
| siaud, isabelle | Orange | TRUE | Voter |
| Singh, Aditi | Charter Communications | TRUE | Voter |
| Smith, Graham | SRT Wireless | FALSE | Voter |
| Smith, Luther | Cable Television Laboratories Inc. (CableLabs) | FALSE | Voter |
| Son, Ju-Hyung | WILUS Inc. | TRUE | Non-Voter |
| Song, Hao | Intel Corporation | FALSE | Voter |
| Sood, Ayush | Infineon Technologies | TRUE | Voter |
| Stacey, Robert | Intel | FALSE | Voter |
| Stanley, Dorothy | Hewlett Packard Enterprise | FALSE | Voter |
| Strobel, Rainer | MaxLinear | TRUE | Voter |
| Su, Hang | Broadcom Corporation | FALSE | Voter |
| SUH, JUNG HOON | Huawei Technologies Co., Ltd | TRUE | Voter |
| Sumi, Takenori | Mitsubishi Electric Corporation | FALSE | Voter |
| Sun, Bo | Sanechips | TRUE | Voter |
| Sun, Jiaqi | China Mobile (Hangzhou) Information Technology Co., Ltd. | TRUE | Voter |
| Sun, Li-Hsiang | MediaTek Inc. | TRUE | Voter |
| Sun, Yanjun | Apple Inc | TRUE | Voter |
| SUZUKI, Shuntaro | Yamaha Corporation | TRUE | Voter |
| Szott, Szymon | AGH University of Science and Technology | FALSE | Voter |
| Tadahal, Shivkumar | Broadcom Corporation | TRUE | Aspirant |
| Takai, Mineo | Space-Time Engineering | FALSE | Voter |
| Talarico, Salvatore | Sony Corporation | TRUE | Potential Voter |
| Talha, Mohd. | NXP Semiconductors | TRUE | Voter |
| Tanaka, Yusuke | Sony Corporation | TRUE | Voter |
| Tang, Zhuqing | Huawei Technologies Co., Ltd | TRUE | Voter |
| Taori, Rakesh | Infineon Technologies | TRUE | Voter |
| Thota, Sri Ramya | Infineon Technologies | TRUE | Voter |
| Tian, Bin | Qualcomm Incorporated; Qualcomm Technologies, Inc | TRUE | Voter |
| Tomeba, Hiromichi | SHARP CORPORATION | TRUE | Voter |
| Torrijo, Alejandro | MaxLinear Corp | TRUE | Voter |
| Trainin, Solomon | Wiliot | TRUE | Voter |
| Tsai, Tsung-Han | MediaTek Inc. | TRUE | Voter |
| Tseng, Yen Hsiung | MediaTek Inc. | TRUE | Aspirant |
| Tsodik, Genadiy | Huawei Technologies Co., Ltd;Huawei Technologies Co., Ltd | TRUE | Voter |
| Uln, Kiran | Infineon Technologies | TRUE | Voter |
| Vaidya, Maulik | Charter Communications | TRUE | Potential Voter |
| Val, Inaki | MaxLinear, Inc. | TRUE | Voter |
| Van Nee, Richard | Qualcomm Incorporated | TRUE | Voter |
| Van Zelst, Allert | Qualcomm Technologies Netherlands B.V. | TRUE | Voter |
| Varshney, Prabodh | Nokia | TRUE | Voter |
| Venkatesh, Narasimhan | Silicon Laboratories | TRUE | Aspirant |
| Venkatesh, Narasimhan | Silicon Laboratories | FALSE | Non-Voter |
| Verenzuela, Daniel | Sony Group Corporation | TRUE | Voter |
| Verma, Sindhu | Broadcom Corporation | TRUE | Voter |
| Vermani, Sameer | Qualcomm Incorporated; Qualcomm Technologies, Inc | TRUE | Voter |
| Vicent Colonques, Santiago | MaxLinear Corp | TRUE | Voter |
| VIGER, Pascal | Canon Research Centre France | TRUE | Voter |
| Walk, Philipp | MOXZ GmbH | TRUE | Aspirant |
| Wang, Bo | Huawei Technologies Co., Ltd | FALSE | Voter |
| Wang, Hao | Tencent | TRUE | Voter |
| Wang, Huizhao | NXP Semiconductors | TRUE | Voter |
| Wang, Lei | Futurewei Technologies | TRUE | Voter |
| Wang, Qi | Apple Inc. | TRUE | Voter |
| Wang, Steven Qi | Huawei Technologies Co., Ltd | TRUE | Voter |
| Wang, Xiaofei | InterDigital, Inc. | TRUE | Voter |
| WANG, Ying | InterDigital, Inc. | TRUE | Potential Voter |
| Wang, Zisheng | ZTE Corporation | FALSE | Voter |
| Want, Roy | Google | TRUE | Voter |
| Wee, Gaius | Panasonic Holdings Corporation | TRUE | Non-Voter |
| Wei, Dong | Guangdong OPPO Mobile Telecommunications Corp.,Ltd | TRUE | Voter |
| Wendt, Matthias | Signify | TRUE | Voter |
| Wentink, Menzo | Qualcomm Technologies, Inc | TRUE | Voter |
| Wilhelmsson, Leif | Ericsson AB | TRUE | Voter |
| Wu, Chao-Yi | SAMSUNG ELECTRONICS | TRUE | Voter |
| Wu, Kanke | Apple Inc | TRUE | Voter |
| Wu, Tianyu | Apple Inc. | TRUE | Voter |
| Wu, Wayne | MediaTek Inc. | TRUE | Voter |
| Wu, Xuming | Huawei Technologies Co., Ltd; Huawei Technologies Co., Ltd | TRUE | Voter |
| Wullert, John | Peraton Labs | TRUE | Voter |
| Xia, Qing | Sony Corporation | TRUE | Voter |
| Xiao, Bo | ZTE Corporation | TRUE | Voter |
| Xiao, Tong | Xiaomi Communications Co., Ltd. | TRUE | Aspirant |
| Xin, Liangxiao | Guangdong OPPO Mobile Telecommunications Corp.,Ltd | TRUE | Voter |
| Xin, Yan | Huawei Technologies Co., Ltd | TRUE | Voter |
| Xu, Fangxin | Longsailing Semiconductor | TRUE | Voter |
| Xu, Weijie | Beijing OPPO telecommunications corp., ltd. | TRUE | Non-Voter |
| Xu, Yanchao | Amlogic | TRUE | Voter |
| Xu, Yue | Huawei Technologies Co., Ltd | TRUE | Voter |
| Yahya, Salim | VESTEL,IMU | TRUE | Aspirant |
| Yamada, Ryota | SHARP CORPORATION | TRUE | Voter |
| Yan, Aiguo | SAMSUNG ELECTRONICS | FALSE | Voter |
| Yan, Peng | Wi-Fi Alliance | TRUE | Voter |
| Yan, Zhongjiang | Northwestern Polytechnical University | TRUE | Voter |
| Yanamandra, Subrahmanyam | Broadcom Corporation | TRUE | Voter |
| Yang, Hang | Ruijie Networks Co. Ltd | TRUE | Aspirant |
| Yang, Haorui | China Mobile | TRUE | Aspirant |
| Yang, Hui | Huawei Technologies Co., Ltd | TRUE | Aspirant |
| Yang, Jay | ZTE Corporation | TRUE | Voter |
| Yang, Lin | Qualcomm Incorporated | TRUE | Voter |
| Yang, Mao | Northwestern Polytechnical University | TRUE | Voter |
| YANG, Ning | Guangdong OPPO Mobile Telecommunications Corp.,Ltd | TRUE | Voter |
| YANG, RUI | InterDigital, Inc. | TRUE | Voter |
| Yang, Steve TS | MediaTek Inc. | TRUE | Voter |
| Yang, Xun | Huawei Technologies Co., Ltd | FALSE | Voter |
| Yano, Kazuto | Advanced Telecommunications Research Institute International (ATR) | TRUE | Voter |
| Yee, James | MediaTek Inc. | TRUE | Voter |
| Yee, Peter | NSA-CSD | TRUE | Voter |
| Yong, Su Khiong | Apple, Inc. | TRUE | Voter |
| Yoon, Yelin | LG ELECTRONICS | TRUE | Voter |
| Young, Christopher | Broadcom Corporation | TRUE | Voter |
| Yu, Jian | Huawei Technologies Co., Ltd | TRUE | Voter |
| Zeng, Yan | Huawei Technologies Co., Ltd | TRUE | Voter |
| Zhang, Hongyuan | NXP Semiconductors | TRUE | Voter |
| Zhang, Jiayi | Ofinno | TRUE | Voter |
| Zhang, John | Guangdong OPPO Mobile Telecommunications Corp.,Ltd | TRUE | Voter |
| Zhang, Maolin | Huawei Technologies Co., Ltd | TRUE | Voter |
| Zhang, Rong | NXP Semiconductors | TRUE | Voter |
| Zhang, Yan | Apple Inc | TRUE | Voter |
| Zhang, Yiyan | Huawei Technologies Co., Ltd | TRUE | Voter |
| Zhao, Yue | Huawei Technologies Co., Ltd | TRUE | Voter |
| Zhong, Ke | Ruijie Networks Co.,Ltd. | TRUE | Aspirant |
| Zhou, Chengzhi | Apple Inc. | TRUE | Voter |
| Zhou, Lei | H3C Technologies Co., Limited | TRUE | Voter |
| Zhou, Pei | TCL | TRUE | Voter |
| Zhou, Renlong | Sanechips Technology Co., Ltd. | TRUE | Potential Voter |
| Zuniga, Juan Carlos | Cisco Systems, Inc. | TRUE | Voter |
| Zuo, Zhisong | Guangdong OPPO Mobile Telecommunications Corp.,Ltd | TRUE | Non-Voter |

**Annex B : Working Group Officers**

**Working Group**

|  |  |  |
| --- | --- | --- |
| Name (Affiliation) | Position | Contact Details |
| Robert Stacey (Intel Corporation) | IEEE 802.11 Working Group Chair | +1 (503) 712 4447 [robert.stacey@intel.com](mailto:robert.stacey@intel.com) |
| Jon Rosdahl (Qualcomm) | 1st Vice Chair (Venues and meeting planning) Treasurer | +1 (801) 492-4023 [jrosdahl@ieee.org](mailto:jrosdahl@ieee.org) |
| Stephen McCann (Huawei Technologies Co., Ltd) | 2nd Vice Chair (Rules and reflectors) IEEE 802 (LMSC) EC delegate | [stephen.mccann@ieee.org](mailto:stephen.mccann@ieee.org) |
| Stephen McCann (Huawei Technologies Co., Ltd) | Secretary | [stephen.mccann@ieee.org](mailto:stephen.mccann@ieee.org) |
| Robert Stacey (Intel Corporation) | Co-Technical Editor 802.11 Assigned Numbers Authority | +1 (503) 712 4447 [robert.stacey@intel.com](mailto:robert.stacey@intel.com) |

**Standing Committees**

|  |  |  |
| --- | --- | --- |
| Name (Affiliation) | Position | Contact Details |
| Jim Lansford (Qualcomm) | Wireless Next Generation (WNG) Standing Committee Chair | +1-719-286-8660 [jim.lansford@ieee.org](mailto:jim.lansford@ieee.org) |
| Mark Hamilton (Ruckus Wireless) | Architecture (ARC) Standing Committee Chair | +1 (303) 818-8472 [mark.hamilton2152@gmail.com](mailto:mark.hamilton2152@gmail.com) |
| Jon Rosdahl (Qualcomm) | Project Authorization Request (PAR) Standing Committee Chair | +1 (801) 492-4023 [jrosdahl@ieee.org](mailto:jrosdahl@ieee.org) |
| Marc Emmelmann (Self) | Coexistence (Coex) Standing Committee Chair | [marc.emmelmann@me.com](mailto:marc.emmelmann@me.com) |
| Xiaofei Wang  (InterDigital) | Artificial Intelligence/Machine Learning (AIML) | [Xiaofei.Wang@interdigital.com](mailto:Xiaofei.Wang@interdigital.com) |

**Task Groups**

|  |  |  |
| --- | --- | --- |
| Name (Affiliation) | Position | Contact Details |
| Alfred Asterjadhi  (Qualcomm) | TGbe Chair  Extremely High Throughput (EHT) | aasterja@qti.qualcomm.com |
| Tony Xiao Han  (Huawei Technologies Co., Ltd) | TGbf Chair  WLAN Sensing (SENS) | [tony.hanxiao@huawei.com](mailto:tony.hanxiao@huawei.com) |
| Mark Hamilton  (Ruckus/CommScope Wireless) | TGbh Chair  Random and Changing MAC address (RCM) | +1 (303) 818-8472 [mark.hamilton2152@gmail.com](mailto:mark.hamilton2152@gmail.com) |
| Carol Ansley  (Cox Communications) | TGbi Chair  Enhanced Data Privacy (EDP) | [carol@ansley.com](mailto:carol@ansley.com) |
| Michael Montemurro (Huawei Technologies Co., Ltd) | TGme Chair 802.11 revision project - P802.11REVme | [montemurro.michael@gmail.com](mailto:montemurro.michael@gmail.com) |
| Jonathan Segev (Intel Corporation) | TGbk Chair 320 MHz Positioning (320P) | +972-54-2403587 [jonathan.segev@intel.com](mailto:jonathan.segev@intel.com) |
| Alfred Asterjadhi  (Qualcomm) | TGbn Chair  Ultra High Reliability (UHR) | aasterja@qti.qualcomm.com |
| Bo Sun  (Sanechips) | TGbp Chair  Ambient Power (AMP) | [sun.bo1@sanechips.com.cn](mailto:sun.bo1@sanechips.com.cn) |

|  |
| --- |
|  |

**Study Groups (SG) & Topic Interest Groups (TIG)**

|  |  |  |
| --- | --- | --- |
| Name (Affiliation) | Position | Contact Details |
| Laurent Cariou (Intel) | Integrated MilliMeter Wave (IMMW) SG | [laurent\_cariou@yahoo.fr](mailto:laurent_cariou@yahoo.fr) |

**Ad-Hoc Groups (AHG)**

|  |  |  |
| --- | --- | --- |
| Name (Affiliation) | Position | Contact Details |
| Hassan YAGHOOBI  (Intel) | ITU Ad-Hoc | [hassan.yaghoobi@intel.com](mailto:hassan.yaghoobi@intel.com) |

**Liaison Officials to non-IEEE 802 organizations**

|  |  |  |
| --- | --- | --- |
| Name (Affiliation) | Position | Contact Details |
| Peter Yee (Akayla) | Liaison to IETF (Internet Engineering Task Force) | [peter@akayla.com](mailto:peter@akayla.com) |
| Srinivas Kandala (Samsung) | Liaison to WFA (Wi-Fi Alliance) | [srini.k1@samsung.com](mailto:srini.k1@samsung.com) |

**Liaison Officials to IEEE organizations**

|  |  |  |
| --- | --- | --- |
| Name (Affiliation) | Position | Contact Details |
| None | Liaison to IEEE 802.15 | [jonathan.segev@intel.com](mailto:jonathan.segev@intel.com) |
| Edward Au  (Huawei Technologies Co., Ltd) | Liaison to IEEE 802.18 | [edward.ks.au@gmail.com](mailto:edward.ks.au@gmail.com) |
| Tuncer Baykas (Ofinno) | Liaison to IEEE 802.19 | [tbaykas@ieee.org](mailto:tbaykas@ieee.org) |

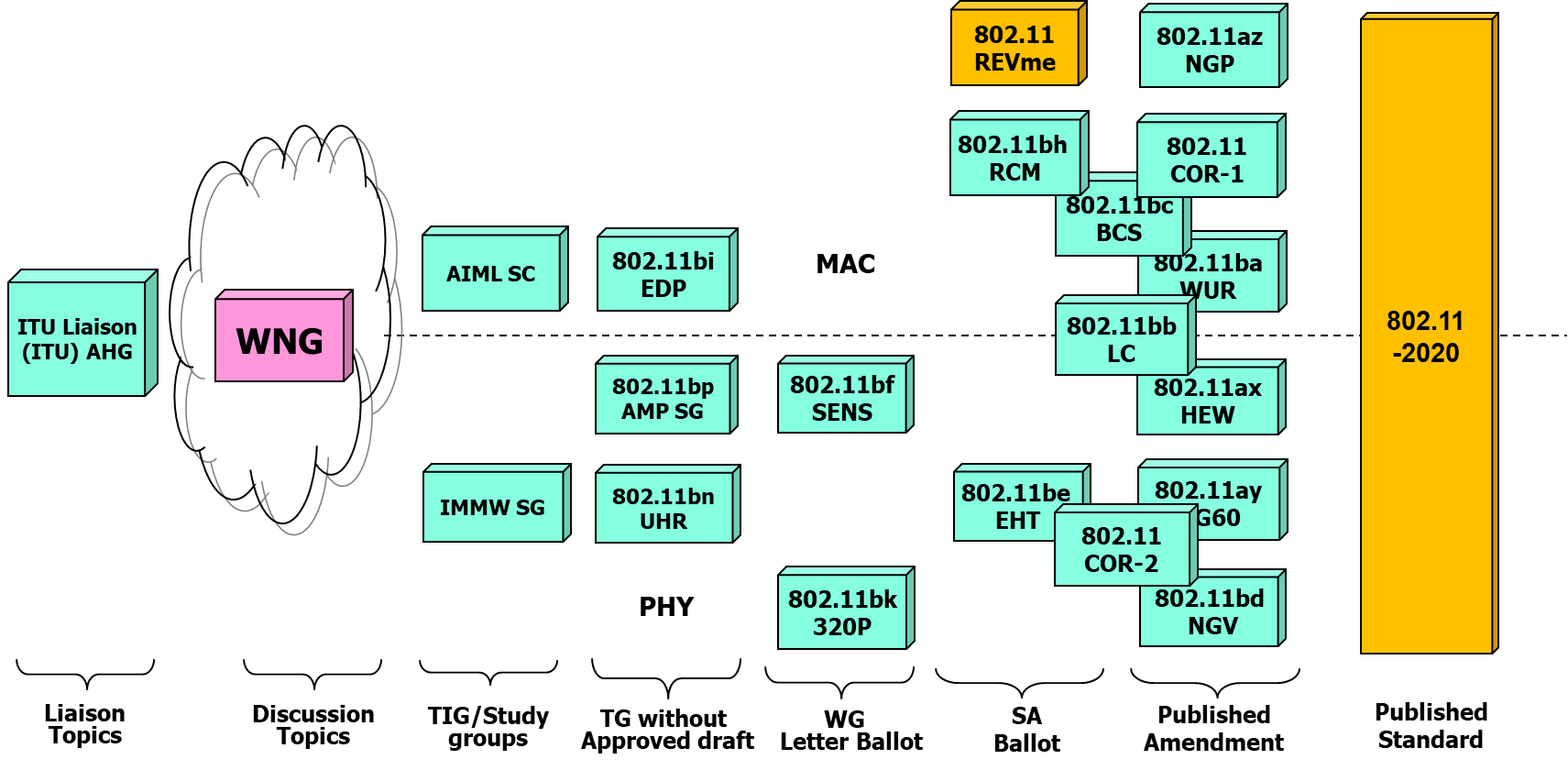
**Annex C : Minutes**

This Annex contains references to all IEEE 802.11 SC/TG/SG & Ad Hoc Committee (AHC) minutes from this session. Please note that they are NOT subject to the approval of these minutes but are confirmed and approved by their individual group in the opening meeting at their next session.

|  |  |  |
| --- | --- | --- |
| WG | TE | 24-0714r0 |
| TGme | TG | 24-0912r0 |
| TGbe | TG | 24-0906r1 |
| TGbf | TG | 24-0950r0 |
| TGbh | TG | 24-0913r0 |
| TGbi | TG | 24-0925r0 |
| TGbk | TG | 24-0xxxr0 |
| TGbn | TG | 24-0xxxr0 |
| TGbp | TG | 24-0953r0 |
| IMMW | SG | 24-0926r0 |
| COEX | SC | 24-0932r2 |
| WNG | SC | 24-0923r0 |
| JTC 802 | SC | 24-0xxxr0 |
| ARC | SC | 24-0759r0 |
| AIML | SC | 24-0961r0 |
| ITU | AH | Did not meet |
| PAR | SC | Did not meet |

**Annex D : Revisions and Standards Pipeline**

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**IEEE 802.11 Standards Pipeline**

End.