IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TGbe March to May 2024 teleconference agendas | | | | |
| Date: 2024-03-27 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Alfred Asterjadhi | Qualcomm Inc. | 5775 Morehouse Dr, San Diego, CA 92109 | +1-858-658-5302 | aasterja@qti.qualcomm.com |
| Liwen Chu | NXP |  |  | liwen.chu@nxp.com |
| Jeongki Kim | Ofinno |  |  | jeongki.kim.ieee@gmail.com |
| Sigurd Schelstraete | MaxLinear |  |  | sschelstraete@maxlinear.com |
| Tianyu Wu | Apple |  |  | tianyu@apple.com |

Abstract

This document contains the draft agenda for March to May 2024 TGbe teleconferences.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1-2: Revised version contains link updates and additions of such submissions.
* Rev 3-4: Includes agendas for 3rd to 5th conf calls, and updates based on POCs feedback on ETAs and plan.
* Rev 5-8: Updated after the 3rd conf call, and ready for 4th conf call.
* Rev 9-11: Updated after the 4th conf call, and ready for 5th and 6th conf calls. Still pending a final update of the submissions after the latest CID spreadsheet is available.

|  |  |
| --- | --- |
| **TG Chair:** Alfred Asterjadhi (Qualcomm Inc) | |
| **1st Vice Chair:** Laurent Cariou (Intel) | **2nd Vice Chair:** Matthew Fischer (Broadcom) |
| **Secretary:** Jason Y. Guo (Huawei) | **Technical Editor:** Edward Au (Huawei) |
| **PHY Ad-Hoc Chair:**Sigurd Schelstraete (MaxLinear)  **PHY Ad-Hoc Chair:**Tianyu Wu (Apple) | **MAC Ad-Hoc Chair:**Jeongki Kim (Ofinno)  **MAC Ad-Hoc Chair:**Liwen Chu (NXP) |

## TGbe uses WebEx for its Telecons:

* Please identify yourself when Joining, by filling in your name and affiliation:
  + Also please precede your name and affiliation with your voting status:
    - (V=Voter, N= Non-Voter, P=Potential Voter, A=Aspirant Voter)
  + Format for overall participant’s detail: “[V] John Doe (Affiliation)”

## Teleconferences Overview

* **March 27 (Wednesday) – MAC 10:00-12:00 ET**
* **April 03 (Wednesday) – Joint\* 10:00-12:00 ET**
* **April 10 (Wednesday) – MAC 10:00-12:00 ET**
* **April 17 (Wednesday) – Joint\* 10:00-12:00 ET**
* **April 24 (Wednesday) – MAC 10:00-12:00 ET**
* **May 02 (Wednesday) Holiday**
* **May 08 (Wednesday) – MAC 10:00-12:00 ET**

**We’ll use the following bridges:**

* Bridge for **JOINT and MAC: Webex meeting (802 Seat 3):** See *e-mail sent to reflector*
  + Meeting number: *Please refer to e-mail sent to reflector.*
  + Meeting password: wireless
* Bridge for **PHY:** **Webex meeting (802 Seat 4):** See *e-mail sent to reflector.*
  + Meeting number: *Please refer to e-mail sent to reflector.*
  + Meeting password: wireless

## Comment Resolution Progress–Statistics (04/11/2024)

### Initial SA CR Monthly Status



### Initial SA CR Overall Status



## Top 10: Assignees with a high number of pending CIDs (04/21/24)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assignee** | **Total** | **Pending for resolution** | **Resolution drafted but no consensus yet** | **Resolution approved** |
| Muhammad Kumail Haider | 14 | 14 | 0 | 0 |
| Binita Gupta | 56 | 7 | 7 | 0 |
| Yongho Seok | 5 | 5 | 0 | 0 |
| GEORGE CHERIAN | 4 | 4 | 0 | 0 |
| Sanket Kalamkar | 8 | 4 | 1 | 3 |
| Michael Montemurro | 22 | 2 | 0 | 0 |
| EDITOR | 45 | 1 | 0 | 0 |
| Ming Gan | 17 | 1 | 4 | 0 |
| Qi Wang | 8 | 1 | 0 | 0 |
| Yunbo Li | 6 | 1 | 1 | 1 |

## Initial SA Comment Resolution Queues

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **#CIDs** | **Session** |
|  |  |  |  |  | JOINT |
| **End Of Joint Queue** | | | | | |
| [0324r](https://mentor.ieee.org/802.11/dcn/24/11-24-0324-03-00be-cr-for-802-11be-isb.docx)4 | CR for 802.11be ISB | Laurent Cariou | R4M-25C | 30 | MAC |
| [0296r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0296-08-00be-cr-for-miscellaneous-cids.docx) | CR for Miscellaneous CIDs | Po-Kai Huang | Pending SP | 2 | MAC |
| [0350r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0350-00-00be-cr-for-cids-on-scs.docx) | CR for CIDs on SCS | Dibakar Das | R4M-1C  Def-1C (4/10) | 2 | MAC |
| [0364r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0364-00-00be-sa1-resolution-for-cids-assigned-to-sanket.docx) | SA1: Resolution for CIDs assigned to Sanket | Sanket Kalamkar | R4M-1C  Def-1C (4/17) | 8 | MAC |
| [0353r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0353-00-00be-d5-0-cr-for-ml-reconfiguration-part-2.docx) | D5.0 CR for ML Reconfiguration part 2 | Binita Gupta | Def-4C (4/10)  Pending 5C | 9 | MAC |
| 0355r0 | CR for Misc. CIDs | Binita Gupta | Pending (ETA: April 24) | 2 | MAC |
| [0344r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0344-00-00be-sab-cr-for-clause-9.docx) | SAB CR for Clause 9 | Gaurang Naik | R4M-2C | 2 | MAC |
| [0354r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0354-00-00be-cr-for-max-setup-link-cids.docx) | CR for Max Setup Link CIDs | Binita Gupta | R4M-No Consensus | 3 | MAC |
| 0338r0 | CIDs related to rTWT | George Cherian | Pending (ETA: April 24) | 3 | MAC |
| [0312r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0312-01-00be-d5-0-cr-for-cid-22055-22192.docx) | D5.0 CR for CID-22055 & 22192 | Kaiying Lu | R4M-3C | 3 | MAC |
| 0376r0 | SB1 CR for Negotiation of TTLM | Yongho Seok | Pending (ETA: April 17) | 5 | MAC |
| [0362r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0362-00-00be-d5-0-initial-ca-ballot-miscellaneous-cids.docx) | d5.0 initial CA ballot Miscellaneous CIDs | Liwen Chu | R4M-6C | 6 | MAC |
| [0335r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0335-00-00be-isab-cids-on-p2p.docx) | ISAB CIDs on P2P | Rubayet Shafin | R4M-20C | 20 | MAC |
| 0334r0 | ISAB CIDs on TWT | Rubayet Shafin | R4M-23C | 23 | MAC |
| [0371r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0371-00-00be-d5-0-cr-for-cids-on-r-twt-part-1.docx) | D5.0 CR for CIDs on R-TWT-Part 1 | Kumail Haider | Pending | 11 | MAC |
| 0326r0 | SA1: Resolution for CIDs assigned to Abhi | Abhishek Patil | R4M-1C  Def-6C (4/10) | 7 | MAC |
| [0366r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0366-00-00be-proposed-resolution-to-11be-initial-sa-ballot-cid-on-emlsr-co-ex-indication.docx) | Proposed resolution to 11be initial SA ballot CID on EMLSR co-ex indication | Qi Wang | R4M-3C | 3 | MAC |
| 0325r0 | CR for miscellaneous CIDs on MLO | Giovanni Chisci | R4M-3C  Def-1C (4/10) | 4 | MAC |
| [0345r3](https://mentor.ieee.org/802.11/dcn/24/11-24-0345-01-00be-proposed-resolution-for-cid-22320-and-22321-on-initial-sa-ballot-on-d5-0.docx) | Proposed resolution for CID 22320 and 22321 on initial SA ballot on D5.0 | Liuming Lu | R4M-3C | 2 | MAC |
| 0367r0 | Proposed resolution to 11be initial SA ballot CID-22374 on EMLSL group addressed frames delivery | Qi Wang | Pending (ETA: May F2F) | 1 | MAC |
| [322r3](https://mentor.ieee.org/802.11/dcn/24/11-24-0322-02-00be-isb-cr-for-35-3-7-2-4.docx) | ISB CR for 35.3.7.2.4 | Jason Yuchen Guo | R4M-2C | 2 | MAC |
| 374r0 | CR for CID 22179 and 22180 | Bo Gong | Pending | 2 | MAC |
| 316r0 | SA1 CR for Non-AP MLD operation parameter update | Frank Hsu | Pending | 2 | MAC |
| [578r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0578-00-00be-channel-usage.docx) | Channel Usage | Brian Hart | Pending SP | 1 | MAC |
| [329r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0329-01-00be-sb1-sounding-segmentation.docx) | SB1 Sounding Segmentation | Youhan Kim | R4M-1C | 1 | MAC |
| [289r3](https://mentor.ieee.org/802.11/dcn/24/11-24-0289-03-00be-tgbe-sa1-security-comment-resolutions.docx) | TGbe SA1 Security Comment Resolutions | Michael Montemurro | Pending (ETA: May 08) | 2 | MAC |
| [261r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0261-00-00be-sa-ballot-cr-for-ttlm-element.docx) | SA ballot CR for TTLM element | Mikael Lorgeoux | Pending SP | 1 | MAC |
| [0540r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0540-00-00be-proposed-resolution-for-cid-22367.docx) | Proposed resolution for CID 22367 | Edward Au | Pending (ETA: April 17) | 1 | MAC |
| [0357r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0357-00-00be-initial-sa-ballot-cr-for-35-3-21-2.docx) | Initial SA Ballot CR for 35.3.21.2 | Guogang Huang | Pending SP (ETA: May 08) | 2 | MAC |
| 305 |  | Jay | R4M-3C |  |  |
| 358 |  | Yunbo | R4M-1C |  |  |
| 343 |  | Minyoung | R4M-1C |  |  |
| **End of MAC Queue** | | | | | |
|  |  |  |  |  | PHY |
| **End of PHY Queue** | | | | | |
| R4M: Ready for Motion; Q4M: Queued for Motion (present in motion list); *Approved*: Included in the TGbe Draft.  NoM: No Consensus/Majority. Q: Quarantine, MF: Motion failed.; *W: Comment Withdrawed.* | | | | | |

## Teleconference Agendas

### 1st Conf. Call: March 27 (10:00–12:00 ET)–MAC

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements: None.
* CR Submissions:
  + [0324r3](https://mentor.ieee.org/802.11/dcn/24/11-24-0324-03-00be-cr-for-802-11be-isb.docx) CR for 802.11be ISB Laurent Cariou [30C]
  + [0335r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0335-00-00be-isab-cids-on-p2p.docx) ISAB CIDs on P2P Rubayet Shafin [20C]
  + [0312r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0312-01-00be-d5-0-cr-for-cid-22055-22192.docx) D5.0 CR for CID-22055 & 22192 Kaiying Lu [3C]
  + [0366r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0366-00-00be-proposed-resolution-to-11be-initial-sa-ballot-cid-on-emlsr-co-ex-indication.docx) Prop. Res. to 11be ISAB CID on EMLSR co-ex ind. Qi Wang [2C]
  + [0345r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0345-01-00be-proposed-resolution-for-cid-22320-and-22321-on-initial-sa-ballot-on-d5-0.docx) Prop. Res. for CID 22320 and 22321 on ISAB on D5.0 Liuming Lu [2C]
  + [~~0341r0~~](https://mentor.ieee.org/802.11/dcn/24/11-24-0341-00-00be-sa-ballot-cr-for-miscellaneous-cids.docx) ~~SA Ballot CR for Miscellaneous CIDs Ming Gan [1C]~~
  + [0261r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0261-00-00be-sa-ballot-cr-for-ttlm-element.docx) SA ballot CR for TTLM element Mikael Lorgeoux[1C]
* AoB: None.
* Adjourn

### 2nd Conf. Call: April 03 (10:00–12:00 ET)–JOINT

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “<Joint TGbe > conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jason Y. Guo ([guoyuchen@huawei.com](mailto:guoyuchen@huawei.com)) and Alfred Asterjadhi ([asterjadhi@gmail.com](mailto:asterjadhi@gmail.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
  + TGbe D5.1 is available in the members’ area.
* CR Submissions:
  + [0322r](https://mentor.ieee.org/802.11/dcn/24/11-24-0322-02-00be-isb-cr-for-35-3-7-2-4.docx)3 ISB CR for 35.3.7.2.4 Jason Y. Guo [2C SP]
  + [0296r8](https://mentor.ieee.org/802.11/dcn/24/11-24-0296-08-00be-cr-for-miscellaneous-cids.docx) CR for Miscellaneous CIDs Po-Kai Huang [2C SP]
  + [0362r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0362-00-00be-d5-0-initial-ca-ballot-miscellaneous-cids.docx) d5.0 initial CA ballot Miscellaneous CIDs Liwen Chu [6C]
  + [~~0341r0~~](https://mentor.ieee.org/802.11/dcn/24/11-24-0341-00-00be-sa-ballot-cr-for-miscellaneous-cids.docx) ~~SA Ballot CR for Miscellaneous CIDs Ming Gan [1C]~~
  + [0344r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0344-00-00be-sab-cr-for-clause-9.docx) SAB CR for Clause 9 Gaurang Naik [2C]
  + [0354r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0354-00-00be-cr-for-max-setup-link-cids.docx) CR for Max Setup Link CIDs Binita Gupta [3C]
  + [0578r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0578-00-00be-channel-usage.docx) Channel Usage Brian Hart [1C]
  + [0350r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0350-00-00be-cr-for-cids-on-scs.docx) CR for CIDs on SCS Dibakar Das [2C]
* AoB: None.
* Adjourn

### 3rd Conf. Call: April 10 (10:00–12:00 ET)–MAC

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements: None.
* CR Submissions:
  + [0350r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0350-00-00be-cr-for-cids-on-scs.docx) CR for CIDs on SCS Dibakar Das [2C]
  + [0325r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0325-00-00be-cr-for-miscellaneous-cids-on-mlo.docx) CR for miscellaneous CIDs on MLO Giovanni Chisci [5C]
  + [0353r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0353-00-00be-d5-0-cr-for-ml-reconfiguration-part-2.docx) D5.0 CR for ML Reconfiguration part 2 Binita Gupta [4C]
  + [0326r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0326-00-00be-sa1-resolution-for-cids-assigned-to-abhi.docx) SA1: Resolution for CIDs assigned to Abhi Abhishek Patil [7C]
  + [0334r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0334-00-00be-isab-cids-on-twt.docx) ISAB CIDs on TWT Rubayet Shafin [23C]
* AoB: None.
* Adjourn

### 4th Conf. Call: April 17 (10:00–12:00 ET)–JOINT

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “<Joint TGbe > conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jason Y. Guo ([guoyuchen@huawei.com](mailto:guoyuchen@huawei.com)) and Alfred Asterjadhi ([asterjadhi@gmail.com](mailto:asterjadhi@gmail.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
  + Plan to conclude CR for initial SA ballot by May F2F (if not earlier).
* CR Submissions:
  + [24/329r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0329-01-00be-sb1-sounding-segmentation.docx) SB1 Sounding Segmentation Youhan Kim\* [1C SP]
  + [24/296r](https://mentor.ieee.org/802.11/dcn/24/11-24-0296-09-00be-cr-for-miscellaneous-cids.docx)9 CR for Miscellaneous CIDs Po-Kai Huang [2C SP]
  + [24/354r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0354-00-00be-cr-for-max-setup-link-cids.docx) CR for Max Setup Link CIDs Binita Gupta [3C SP]
  + [24/578r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0578-00-00be-channel-usage.docx) Channel Usage Brian Hart [1C SP]
    - Schedule for May 8th
  + [24/305r4](https://mentor.ieee.org/802.11/dcn/24/11-24-0305-04-00be-cr-for-rcm-relevant-cids.docx) CR for RCM relevant CIDs Jay Yang [3C SP]
  + [24/364r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0364-00-00be-sa1-resolution-for-cids-assigned-to-sanket.docx) SA1: Resolution for CIDs assigned to Sanket Sanket Kalamkar [4C]
* CR Submissions in Quarantine (Status/StrawPolls):
  + [24/0324r](https://mentor.ieee.org/802.11/dcn/24/11-24-0324-04-00be-cr-for-802-11be-isb.docx)4 CR for 802.11be ISB Laurent Cariou [4C]
  + [24/0335r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0335-02-00be-isab-cids-on-p2p.docx) ISAB CIDs on P2P Rubayet Shafin [6C]
  + [24/0340r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0340-00-00be-sa-ballot-cr-for-35-3-16-8-3.docx) SA Ballot CR for 35.3.16.8.3 Ming Gan [4C]
  + [24/0358r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0358-01-00be-d5-0-cr-for-miscellaneous-cids.docx) D5.0 CR for miscellaneous CIDs Yunbo Li [1C]
  + [24/0343r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0343-01-00be-initial-sa-cr-emlsr-misc.docx) Initial SA CR EMLSR misc Minyoung Park [1C]
  + [24/0359r4](https://mentor.ieee.org/802.11/dcn/24/11-24-0359-04-00be-d5-0-cr-for-p2p-buffer-report.docx) D5.0 CR for P2P buffer report Yunbo Li [1C]
    - Schedule for April 24 or May 8th
  + [24/0373r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0373-02-00be-saballotd5-0-cid22342.docx) SABallotD5.0-CID22342 Thomas Derham [1C]
    - Schedule for April 24 or May 8th
* Progress and Editor’s Report (second hour)
  + [24/255r6](https://mentor.ieee.org/802.11/dcn/24/11-24-0255-06-00be-tgbe-editor-s-report-on-initial-sa-ballot.pptx) TGbe Editor's report on initial SA ballot Edward Au\*
* CR Submissions (second hour):
  + [24/540r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0540-00-00be-proposed-resolution-for-cid-22367.docx) Proposed resolution for CID 22367 Edward Au\* [1C]
    - Schedule for April 24 or May 8th
  + [24/703r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0703-00-00be-initsa-cr-for-negotiation-of-ttlm.docx) SB1 CR for Negotiation of TTLM Edward Au\* [5C]
    - Schedule for April 24 or May 8th
* Motions (last 10 mins): [11-23/442r4](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-47-00be-tgbe-motions-list-part-4.pptx)7
* AoB: None.
* Adjourn

\*Moved things around to accommodate member’s availabilities.

### 5th Conf. Call: April 24 (10:00–12:00 ET)–MAC

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* CR Submissions:
  + [261r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0261-00-00be-sa-ballot-cr-for-ttlm-element.docx) SA ballot CR for TTLM element Mikael Lorgeoux [1C SP]
  + [364r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0364-01-00be-sa1-resolution-for-cids-assigned-to-sanket.docx) SA1: Resolution for CIDs assigned to Sanket Sanket Kalamkar [1C SP]
  + [540r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0540-00-00be-proposed-resolution-for-cid-22367.docx) Proposed resolution for CID 22367 Edward Au [1C]
  + [703r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0703-00-00be-initsa-cr-for-negotiation-of-ttlm.docx) SB1 CR for Negotiation of TTLM Edward Au [5C]
  + [353r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0353-01-00be-d5-0-cr-for-ml-reconfiguration-part-2.docx) D5.0 CR for ML Reconfiguration part 2 Binita Gupta [9C]
  + [699r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0699-00-00be-sb1-cr-for-cids-22000-and-22001.docx) SB1 CR for CIDs 22000 and 22001 Binita Gupta [2C]
  + [371r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0371-00-00be-d5-0-cr-for-cids-on-r-twt-part-1.docx) D5.0 CR for CIDs on R-TWT-Part 1 Kumail Haider [11C]
  + [355r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0355-00-00be-cr-for-misc-cids.docx) CR for Misc. CIDs Binita Gupta [2C]
  + 316r0 SA1 CR for Non-AP MLD op. parameter update Frank Hsu [1C]
  + …
* AoB:
* Adjourn

### 6th Conf. Call: May 08 (10:00–12:00 ET)–MAC

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* CR Submissions:
  + [357r](https://mentor.ieee.org/802.11/dcn/24/11-24-0357-01-00be-initial-sa-ballot-cr-for-35-3-21-2.docx)1 Initial SA Ballot CR for 35.3.21.2 Guogang Huang [2C SP]
  + [289r3](https://mentor.ieee.org/802.11/dcn/24/11-24-0289-03-00be-tgbe-sa1-security-comment-resolutions.docx) TGbe SA1 Security Comment Resolutions Michael Montemurro [2C]
  + [578r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0578-00-00be-channel-usage.docx) Channel Usage Brian Hart [1C SP]
  + [324r5](https://mentor.ieee.org/802.11/dcn/24/11-24-0324-05-00be-cr-for-802-11be-isb.docx) CR for 802.11be ISB Laurent Cariou [6C SP]
  + [359r4](https://mentor.ieee.org/802.11/dcn/24/11-24-0359-04-00be-d5-0-cr-for-p2p-buffer-report.docx) D5.0 CR for P2P buffer report Yunbo Li [1C SP]
  + [373r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0373-02-00be-saballotd5-0-cid22342.docx) SA BallotD5.0-CID22342 Thomas Derham [1C SP]
  + [340r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0340-00-00be-sa-ballot-cr-for-35-3-16-8-3.docx) SA Ballot CR for 35.3.16.8.3 Ming Gan [4C SP]
  + [296r8](https://mentor.ieee.org/802.11/dcn/24/11-24-0296-09-00be-cr-for-miscellaneous-cids.docx) CR for Miscellaneous CIDs Po-Kai Huang [2C SP]
  + 372r0 D5.0 CR for CIDs on R-TWT-Part 2 Kumail Haider [3C]
  + 338r0 CIDs related to rTWT George Cherian [4C]
  + …
* AoB:
* Adjourn

## TGbe Guidelines document

* <https://mentor.ieee.org/802.11/dcn/20/11-20-0984-13-00be-tgbe-teleconference-guidelines.docx>

===========================================================================

## Patent And Procedures

### Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

* IEEE-SA Standards Board Bylaws

(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)

* IEEE-SA Standards Board Operations Manual (<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at <http://standards.ieee.org/about/sasb/patcom/materials.html>

**If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at** [**patcom@ieee.org**](mailto:patcom@ieee.org)

### Participation in IEEE 802 Meetings

All participation in IEEE 802 Working Group meetings is on an individual basis

* Participants in the IEEE standards development individual process shall act based on their qualifications and experience. ([https://standards.ieee.org/develop/policies/bylaws/sb\_bylaws.pdfsection 5.2.1](https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdfsection%205.2.1))
* IEEE 802 Working Group membership is by individual; “Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives”. (subclause 4.2.1 “Establishment”, of the IEEE 802 LMSC Working Group Policies and Procedures)
* Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant’s obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.
* Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see <https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf> section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 “Chair”, list item x.

By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: <http://www.ieee802.org/devdocs.shtml> and Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-03-00EC-ieee-802-participation-slide.ppt>)

### Other guidelines for IEEE WG meetings

* All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
  + Don’t discuss the interpretation, validity, or essentiality of patents/patent claims.
  + Don’t discuss specific license rates, terms, or conditions.
    - Relative costs of different technical approaches that include relative costs of patent licensing terms March be discussed in standards development meetings.
      * Technical considerations remain the primary focus
  + Don’t discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
  + Don’t discuss the status or substance of ongoing or threatened litigation.
  + Don’t be silent if inappropriate topics are discussed … do formally object.

---------------------------------------------------------------

For more details, see IEEE-SA Standards Board Operations Manual, clause 5.3.10 and   
Antitrust and Competition Policy: What You Need to Know at <http://standards.ieee.org/develop/policies/antitrust.pdf>

### IEEE SA Copyright Policy

By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.

* Previously Published material (copyright assertion indicated) shall not be presented/submitted to the Working Group nor incorporated into a Working Group draft unless permission is granted.
* Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA.
* For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

The IEEE SA Copyright Policy is described in the IEEE SA Standards Board Bylaws and IEEE SA Standards Board Operations Manual

* IEEE SA Copyright Policy, see   
   Clause 7 of the IEEE SA Standards Board Bylaws  
   [https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html)  
   Clause 6.1 of the IEEE SA Standards Board Operations Manual  
   <https://standards.ieee.org/about/policies/opman/sect6.html>

IEEE SA Copyright Permission

* **Error! Hyperlink reference not valid.**[standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip](https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip)

IEEE SA Copyright FAQs

* <http://standards.ieee.org/faqs/copyrights.html/>

IEEE SA Best Practices for IEEE Standards Development

* **Error! Hyperlink reference not valid.**[standards.ieee.org/develop/policies/best\_practices\_for\_ieee\_standards\_development\_051215.pdf](http://standards.ieee.org/develop/policies/best_practices_for_ieee_standards_development_051215.pdf)

Distribution of Draft Standards (see 6.1.3 of the SASB Operations Manual)

* <https://standards.ieee.org/about/policies/opman/sect6.html>

==================================================

Teleconferences (and ad-hocs) are subject to applicable policies and procedures, see below.

**IEEE Code of Ethics**

<http://www.ieee.org/about/corporate/governance/p7-8.html>

**IEEE Standards Association (IEEE-SA) Affiliation FAQ**

<http://standards.ieee.org/faqs/affiliation.html>

**Antitrust and Competition Policy**

<http://standards.ieee.org/resources/antitrust-guidelines.pdf>

**Letter of Assurance Form**

[http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#loa](http://standards.ieee.org/develop/policies/bylaws/sect6-7.html)

[https://development.standards.ieee.org/myproject/Public//mytools/mob/loa.pdf](http://standards.ieee.org/board/pat/pat-slideset.ppt)

**IEEE-SA Patent Committee FAQ & Patent slides**

<http://standards.ieee.org/board/pat/faq.pdf> and <http://standards.ieee.org/board/pat/pat-slideset.ppt>

**The current version of the IEEE-SA Standards Board Bylaws is available at:**

<http://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf> (PDF version)

**The current version of the IEEE-SA Standards Board Operations Manual is available at:**

<http://standards.ieee.org/develop/policies/opman/sb_om.pdf> (PDF version)

**IEEE 802 Policies & Procedures (Approved June 2014)**

<http://standards.ieee.org/board/aud/LMSC.pdf>

**IEEE 802 Operations Manual (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0090-22-0PNP-ieee-802-lmsc-operations-manual.pdf>

**IEEE 802 Working Group Policies & Procedures (29 July 2016)**

<http://www.ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf>

**IEEE 802 LMSC Chair's Guidelines (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0120-27-0PNP-ieee-802-lmsc-chairs-guidelines.pdf>

**Participation in IEEE 802 Meetings**

<https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>

**IEEE 802.11 WG Operations Manual (Approved 13 July 2018):**

<https://mentor.ieee.org/802.11/dcn/14/11-14-0629-22-0000-802-11-operations-manual.docx>