IEEE P802.11  
Wireless LANs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TGbe September to November 2022 teleconference agendas | | | | | |
| Date: 2022-09-24 | | | | | |
| 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 September to November 2022 TGbe teleconferences.

Revisions:

* Rev 0: Initial version of the document.

|  |  |
| --- | --- |
| **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 (Self)  **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

TGbe will hold **10** teleconferences up to November 02nd:

## Teleconferences Plan for July to September

**Sept 19-23 (Mon-Fri) - No Conf Calls Holiday**

**Sept 26 (Monday) – MAC/PHY 19:00-21:00 ET**

**Sept 28 (Wednesday) – MAC 10:00-12:00 ET**

**Oct 03-07 (Mon-Fri) - No Conf Calls Holiday**

**Oct 12 (Wednesday) – Joint 10:00-12:00 ET**

**Oct 13 (Thursday) – MAC 10:00-12:00 ET**

**Oct 17 (Monday) – MAC/PHY 19:00-21:00 ET**

**Oct 19 (Wednesday) – MAC 10:00-12:00 ET**

**Oct 26 (Wednesday) – Joint (Motions) 10:00-12:00 ET**

**Oct 27 (Thursday) – MAC 10:00-12:00 ET**

**Oct 31 (Monday) – MAC/PHY 10:00-12:00 ET**

**Nov 02 (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

* **CAD Ballot - Work In Progress**
* **LB266 -** Work In Progress (statistics shown in Figure (updated **September 16**)).
  + **Current Status**: Number CIDs that have been resolved (includes all CIDs that are R4M).
  + **Linear Target**: Monthly targets, based on an estimation function, to meet November 2022 milestone.

### LB266 CR Monthly Status



### LB266 CR Overall Status



### Top 20: Assignees with a high number of pending CIDs (as of August 31, 2022)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **POC** | **Total** | **Resolution approved** | **Pending for resolution** | **Ready for motion** | **Resolution presented but no consensus yet** |
| Laurent Cariou | 277 | 36 | **239** | 2 | 0 |
| Dibakar Das | 231 | 0 | **231** | 0 | 0 |
| Ming Gan | 247 | 17 | **230** | 0 | 0 |
| Po-Kai Huang | 326 | 106 | **166** | 38 | 16 |
| Chunyu Hu | 188 | 24 | **154** | 7 | 3 |
| Minyoung Park | 224 | 22 | **138** | 51 | 13 |
| Abhishek Patil | 297 | 144 | **121** | 28 | 4 |
| Liwen Chu | 118 | 0 | **118** | 0 | 0 |
| Binita Gupta | 105 | 0 | **105** | 0 | 0 |
| Yongho Seok | 104 | 7 | **95** | 2 | 0 |
| Yunbo Li | 130 | 29 | **86** | 11 | 4 |
| Duncan Ho | 120 | 0 | **86** | 34 | 0 |
| kaiying Lu | 72 | 6 | **66** | 0 | 0 |
| Insun Jang | 62 | 0 | **62** | 0 | 0 |
| Michael Montemurro | 80 | 1 | **50** | 26 | 3 |
| Gaurang Naik | 112 | 50 | **48** | 13 | 1 |
| Mark Hamilton | 46 | 0 | **46** | 0 | 0 |
| Guogang Huang | 46 | 0 | **45** | 0 | 1 |
| Yuchen Guo | 54 | 9 | **43** | 1 | 1 |
| Jianhan Liu | 43 | 0 | **43** | 0 | 0 |

## LB266 Comment Resolution Queues

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Type**  **(# CIDs)** | **Session** |
| 1482r0 | CR for preamble puncturing | Yanjun Sun | Pending | 8 | Joint |
| [1531r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1531-00-00be-lb266-cr-for-cid-14051.docx) | CR for CID 14051 | Ruchen Duan | Pending | 1 | Joint |
| [1617r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1617-00-00be-lb266-cr-for-9-3-1-22-mics-part2.docx) | CR for 9.3.1.22 MICS part2 | Yanjun Sun | Pending | 8 | Joint |
| [1317r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1317-01-00be-cr-on-cid-10116.docx) | CR on CID 10116 | Bo Gong | Def-1C (X/Y))  Pending SP | 1 | Joint |
| TBD |  | Liwen Chu | Pending | 30 | Joint |
| Technical Submissions | | | | | |
|  |  |  |  |  |  |
|  | | | | | |
| End of Joint Queue | | | | | |
| [1373r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1373-00-00be-lb266-cr-for-cid-11700.docx) | CR for CID 11700 | Abdel K. Ajami | Pending | 1 | MAC |
| 1435r0 | CR for 35.9.2.1 Latency sensitive traffic differentiation | Duncan Ho | Pending | 26 | MAC |
| 1260r0 | CR for 5.1.5.1 Architecture (Part 2) | Duncan Ho | Pending | 14 | MAC |
| [1454r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1454-00-00be-lb266-cr-for-cid-10674.docx) | LB266 CR for CID 10674 | Abdel K. Ajami | Pending | 1 | MAC |
| [1453r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1453-00-00be-cr-for-nstrmobileap-apremoval.docx) | cr-for-nstrMobileAP-apRemoval | Morteza Mehrnoush | Pending | 3 | MAC |
| [1216r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1216-01-00be-lb266-cr-for-latency-report-element.docx) | CR for Latency Report Element | Frank Hsu | Pending | 1 | MAC |
| [1366r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1366-00-00be-cr-for-miscellaneous-cids.docx) | CR for Miscellaneous CIDs | Guogang Huang | Pending | 3 | MAC |
| [1477r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1477-00-00be-lb266-cr-for-clause-9-and-10.docx) | CR for Clause 9 and 10 | Gaurang Naik | Pending | 10 | MAC |
| [1500r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1500-00-00be-11be-d2-0-comment-resolution-10-12.docx) | D2.0 comment resolution subclause 10.12 | Liwen Chu | Pending | 7 | MAC |
| [1501r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1501-00-00be-11be-d2-0-comment-resolution-35-4.docx) | D2.0 comment resolution subclause 35.4 | Liwen Chu | Pending | 4 | MAC |
| [1460r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1460-00-00be-cr-for-beacon-protection.docx) | CR for Beacon protection | Po-Kai Huang | Pending | 4 | MAC |
| [1278r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1278-00-00be-lb266-cr-for-cids-10710-12711.docx) | LB266 CR for CIDs 10710, 12711 | Liangxiao Xin | Pending | 2 | MAC |
| 1200r0 | CR-for-35-17-3 part 2 | Yonggang Fang | Pending | 1 | MAC |
| 1452r0 | CR-for-35-17-3 part 3 | Yonggang Fang | Pending | 7 | MAC |
| [1427r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1427-00-00be-lb266-cr-for-r-twt-replacement-link.docx) | LB266: CR for R-TWT Replacement Link | Rubayet Shafin | Pending | 1 | MAC |
| [1279r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1279-00-00be-lb266-cr-for-cid-10705.docx) | LB266 CR for CID 10705 | Liangxiao Xin | Pending | 1 | MAC |
| [1509r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1509-00-00be-mld-load-balancing.docx) | Mld-load-balancing | Pooya Monajemi | Pending | 1 | MAC |
| [1510r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1510-00-00be-tid-to-link-mapping-for-qos.docx) | TID to Link Mapping for QoS | Pooya Monajemi | Presented | 1 | MAC |
| 1534r0 | Text for AP initiated EML Operating Mode Change | Juseong Moon | Pending | 1 | MAC |
| 1535r0 | P2P Communication with EMLSR Peer in Triggered TXOP Sharing CID 12422 | Juseong Moon | Pending | 1 | MAC |
| 1537r0 | Text for EDCAF Selection Issue on Start Time Sync Access CID 12414 | Juseong Moon | Pending | 1 | MAC |
| [1279r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1279-00-00be-lb266-cr-for-cid-10705.docx) | CR for CID 10705 | Liangxiao Xin | Pending | 1 | MAC |
| [1496r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1496-00-00be-lb266-cr-for-clause-9-4-2-5-1.docx) | CR-for-Clause-9.4.2.5.1 | Arik Klein | Pending  Sept 28 | 3 | MAC |
| 1369r0 | CR for some CIDs on clause-9 | Morteza Mehrnoush | Pending | ?? | MAC |
| [1279r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1279-00-00be-lb266-cr-for-cid-10705.docx) | LB266 CR for CID 10705 | Liangxiao Xin | Pending | 1 | MAC |
| 1573r0 | CR for CID 10911 | Jeongki Kim | Pending | 1 | MAC |
| 1574r0 | CR on EDCA Operation for Restricted TWT | Liuming Lu | Pending | 1 | MAC |
| [1028r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1028-00-00be-triggered-txop-sharing-error-recovery-cid-12420.pptx) | Triggered TXOP Sharing Error Recovery CID 12420 | Ronny Y. Kim | Pending | 1 | MAC |
| [1586r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1586-00-00be-lb266-resolution-for-comments-related-to-nstr-emlsr-handling-with-tdls.docx) | Resolution for comments related to NSTR-EMLSR handling with TDLS | Abhishek Patil | Pending | 14 | MAC |
| [1582r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1582-00-00be-resolution-of-addressing-related-cids-in-clause-35-17-lb-266.docx) | Resolution of Addressing-Related CIDs in Clause 35.17 (LB 266) | John Wullert | Pending | 11 | MAC |
| [1228r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1228-02-00be-lb266-cr-for-9-1-13-9-and-9-6-13-10.docx) | CR for 9.1.13.9 and 9.6.13,10 | Guogang Huang | Def-1C  09/15 | 1 | MAC |
| [1645r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1645-00-00be-be-d2-0-comment-resolution-subclause-35-15-3-35-15-4-35-15-5-35-15-6.docx) | comment resolution subclause 35.15.3 35.15.4 35.15.5 35.15.6 | Liwen Chu | Pending | 14 | MAC |
| [1335r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1335-03-00be-cr-for-cids-related-to-group-addressed-frame-reception-in-emlsr-nstr.docx) | CR for CIDs related to Group-addressed frame Reception in EMLSR/NSTR | Vishnu Ratnam | Presented?  Pending SP | 13 | MAC |
| [1503r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1503-00-00be-d2-0-comment-resolution-subclause-35-3-18-part-1.docx) | CR subclause 35.3.18 part 1 | Liwen Chu | Pending | 35 | MAC |
| 1647r0 | CRs for 11be D2.0 ML Security CIDs | Rojan Chitrakar | Pending | 13 | MAC |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Technical Submissions** | | | | | |
| [1052r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1052-00-00be-end-time-alignment-of-sync-ppdus-medium-access-cid-12415-12426-12431.pptx) | End time alignment of Sync PPDUs medium access - CID 12415, 12426, 12431 | Ronny Y. Kim | Pending | 3 | MAC |
| [1423r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1423-00-00be-eht-smps.docx) | EHT SMPS | Xiaogang Chen | Pending | 1 | MAC |
| [1508r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1508-00-00be-lb266-cr-for-non-zero-backoff-procedure.pptx) | LB266 CR for non-zero backoff procedure | Liangxiao Xin | Pending | 2 | MAC |
| End of MAC Queue | | | | | |
| [1610r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1610-01-00be-cr-on-cid-12537.docx) | CR on CID 12537 | Bo Gong | Pending | 1 | PHY |
| [1611r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1611-00-00be-cr-on-support-for-non-ht-ht-vht-and-he-formats.docx) | CR-on-Support for non-HT, HT, VHT, and HE formats | Bo Gong | Pending | 4 | PHY |
| [1652r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1652-00-00be-cr-on-cid12086.docx) | CR on CID12086 | Bo Gong | Pending | 1 | 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: September 26 (19:00–21:00 ET)–PHY

* 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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@maxlinear.com](mailto:sschelstraete@maxlinear.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions**: CRs**
  + [1610r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1610-01-00be-cr-on-cid-12537.docx) CR on CID 12537 Bo Gong [1C]
  + [1611r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1611-00-00be-cr-on-support-for-non-ht-ht-vht-and-he-formats.docx) CR-on-Support for non-HT, HT, VHT, and HE formats Bo Gong [4C]
* AoB:
* Adjourn

### 1st Conf. Call: September 26 (19:00–21:00 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 Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions**: Fast Track CRs**
  + [1586r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1586-00-00be-lb266-resolution-for-comments-related-to-nstr-emlsr-handling-with-tdls.docx) Res. related to NSTR-EMLSR handl. with TDLS Abhishek Patil [14C 25’]
  + [1645r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1645-00-00be-be-d2-0-comment-resolution-subclause-35-15-3-35-15-4-35-15-5-35-15-6.docx) CR subclause 35.15.3 35.15.4 35.15.5 35.15.6 Liwen Chu [14C 25’]
  + [1582r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1582-00-00be-resolution-of-addressing-related-cids-in-clause-35-17-lb-266.docx) Res. of Addressing-Related CIDs in Clause 35.17John Wullert [11C 15’]
  + [1477r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1477-00-00be-lb266-cr-for-clause-9-and-10.docx) CR for Clause 9 and 10 Gaurang Naik [10C 15’]
  + [1500r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1500-00-00be-11be-d2-0-comment-resolution-10-12.docx) D2.0 comment resolution subclause 10.12 Liwen Chu [7C 15’]
* Technical Submissions**: CRs (last 30’)**
  + [1373r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1373-00-00be-lb266-cr-for-cid-11700.docx) CR for CID 11700 Abdel K. Ajami [1C 10']
  + [1454r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1454-00-00be-lb266-cr-for-cid-10674.docx) LB266 CR for CID 10674 Abdel K. Ajami [1C 10']
  + [1453r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1453-00-00be-cr-for-nstrmobileap-apremoval.docx) cr-for-nstrMobileAP-apRemoval Morteza Mehrnoush [3C 10']
* AoB:
* Adjourn

### 2nd Conf. Call: September 28 (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 Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions**: Fast Track CRs**
* Technical Submissions**: CRs (last 30’)**
* AoB:
* Adjourn

### 3rd Conf. Call: October 12 (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:
* Technical Submissions**: CRs**
* AoB:
* Adjourn

### 4th Conf. Call: October 13 (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 Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions**: Fast Track CRs**
* Technical Submissions**: CRs (last 30’)**
* AoB:
* Adjourn

### 5th Conf. Call: October 17 (19:00–21:00 ET)–PHY

* 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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@maxlinear.com](mailto:sschelstraete@maxlinear.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions**: CRs**
* AoB:
* Adjourn

### 5th Conf. Call: October 17 (19:00–21:00 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 Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions**: Fast Track CRs**
* Technical Submissions**: CRs (last 30’)**
* 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>