IEEE P802.11  
Wireless LANs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TGbe September to November 2021 teleconference agendas | | | | | |
| Date: 2021-09-09 | | | | | |
| 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 2021 TGbe teleconferences.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Updated with newly received submission requests.

|  |  |
| --- | --- |
| **TG Chair:** Alfred Asterjadhi (Qualcomm Inc) | |
| **1st Vice Chair:** Laurent Cariou (Intel) | **2nd Vice Chair:** Matthew Fischer (Broadcom) |
| **Secretary:** Dennis Sundman (Ericsson) | **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 **24** teleconferences up to November 9th:

## Teleconferences Plan for September to November

**- Sept 13 (Monday) – MAC/PHY 19:00-21:00 ET\***

**- Sept 15 (Wednesday) – Joint (Motions) 09:00-11:00 ET\***

**- Sept 16 (Thursday) – MAC/PHY 09:00-11:00 ET\***

**- Sept 20 (Monday) – Joint (Motions) 09:00-11:00 ET\***

**- Sept 22 (Wednesday) – MAC 10:00-12:00 ET**

**- Sept 23 (Thursday) – MAC 10:00-12:00 ET**

**- Sept 27 (Monday) – MAC/PHY 19:00-21:00 ET**

**- Sept 29 (Wednesday) – Joint 10:00-12:00 ET**

**- Sept 30 (Thursday) – MAC 10:00-12:00 ET**

**- Oct 04-08 (Mon-Fri) – No Conf Call Golden Week**

**- Oct 11 (Monday) – MAC/PHY 19:00-21:00 ET**

**- Oct 13 (Wednesday) – Joint (Motions) 10:00-12:00 ET**

**- Oct 14 (Thursday) – MAC 10:00-12:00 ET**

**- Oct 18 (Monday) – MAC/PHY 19:00-21:00 ET**

**- Oct 20 (Wednesday) – Joint 10:00-12:00 ET**

**- Oct 21 (Thursday) – MAC 10:00-12:00 ET**

**- Oct 25 (Monday) – MAC/PHY 19:00-21:00 ET**

**- Oct 27 (Wednesday) – Joint (Motions) 10:00-12:00 ET**

**- Oct 28 (Thursday) – MAC 10:00-12:00 ET**

**- Nov 01 (Monday) – MAC/PHY 19:00-21:00 ET**

**- Nov 03 (Wednesday) – Joint 10:00-12:00 ET**

**- Nov 04 (Thursday) – MAC 10:00-12:00 ET**

**- Nov 08 (Monday) – MAC/PHY 19:00-21:00 ET**

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

**- Nov 11 (Thursday) – MAC 10:00-12:00 ET**

**\*Telcos during electronic plenary week**

**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

## Technical Presentations’ List

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [1046r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1046-00-00be-multi-ap-twt-information-sharing.pptx) | Multi-AP: TWT Information Sharing | Ahmed Ibrahim | Pending (R2)  (0) | MAP-General | Joint |
| [1247r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1247-02-00be-virtual-bss-for-multi-ap-coordination.pptx) | Virtual BSS for multi ap coordination | Jay Yang | Deferred Q&A  (1) | Jay Yang | Joint |
|  | | | | | |
| End of Joint Queue | | | | | |
| [395r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0395-00-00be-tspec-request.pptx) | TSPEC Request | Rubayet Shafin | Deferred SP  (1) | Low Latency | MAC |
| [361r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0361-00-00be-ap-assisted-multi-link-synchronous-transmission.pptx) | AP Assisted Multi-link Synchronous Transmission | Liuming Lu | Pending  (0) | ML-Operation | MAC |
| [1929r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1929-00-00be-protection-of-qos-periods.pptx) | Protection of QoS periods | Gaurav Patwardhan | Pending  (0) | MAC-General | MAC |
| [1020r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1020-00-00be-handling-fairness-issue-in-restricted-twt.pptx) | Handling Fairness Issue in Restricted TWT | Rubayet Shafin | Pending  (0) | Low Latency | MAC |
| [1081r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1081-00-00be-adaptive-contention-window-size-for-back-off-time-in-distributed-coordinate-function-dcf.pptx) | Adaptive Contention Window Size for Back-Off Time in Distributed Coordinate Function (DCF) | Abdelrahman Abushattal | Pending  (0) | Multi-Link EDCA | MAC |
| [1358r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1358-00-00be-restricted-twt-termination.pptx) | Restricted TWT Termination | Kiseon Rui | Pending  (0) | Low Latency | MAC |
| [394r2](https://mentor.ieee.org/802.11/dcn/21/11-21-0394-02-00be-broadcast-twt-for-mlds.pptx) | Broadcast TWT for MLDs | Rubayet Shafin | Pending SP  (1) | ML-Operation | MAC |
| End of MAC Queue | | | | | |
|  |  |  |  |  |  |
| End of PHY Queue | | | | | |

## CC36 & CC37 Comment Resolution Progress

* **CC37-**Complete (All CIDs are motioned.)
* **CC36-**Work In Progress (statistics shown in Figure (updated **September 09**)).
  + **Current Status**: Number CIDs that have been resolved (includes all CIDs that are R4M).
  + **Linear Target**: Monthly targets, based on a linear function, to meet Mar’22 milestone.



## CC36 Comment Resolution List

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Type (# CIDs)** | **Session** |
|  |  |  |  |  | Joint |
| End of Joint Queue | | | | | |
| [1285r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1285-00-00be-cc36-security-comment-resolutions.docx) | Security Comment Resolutions | Michael Montemurro | Partially Presented | CR-46C | MAC |
| [1264r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1264-00-00be-cc36-resolution-for-miscellaneous-cids-in-clause-9.docx) | CC36 Resolution for Miscellaneous CIDs in Clause 9 | Gaurang Naik | Pending | CR-19C | MAC |
| [283r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0283-01-00be-cc34-cr-emlsr-part1.docx) | CC34-CR-EMLSR-part 1 | Minyoung Park | Pending | CR-9C | MAC |
| [287r3](https://mentor.ieee.org/802.11/dcn/21/11-21-0287-03-00be-cc34-cr-emlsr-part2.docx) | EMLSR part 2 | Minyoung Park | Pending | CR-10C | MAC |
| [1261r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1261-00-00be-cc36-cr-for-5378.docx) | CR for 5378 | Jay Yang | Pending | CR-1C | MAC |
| [1329r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1329-00-00be-cc36-error-recovery-of-nstr-mld.docx) | Error Recovery of NSTR MLD | Yunbo Li | Pending | CR-1C | MAC |
| [1339r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1339-00-00be-cc36-cr-for-35-3-15-7.docx) | CR for 35.3.15.7 | Dibakar Das | Pending | CR-32C | MAC |
| [1360r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1360-00-00be-cc-36-cr-for-35-3-11-and-35-3-12.docx) | CR for 35.3.11 and 35.3.12 | Po-Kai Huang | Pending | CR-19C | MAC |
| [1249r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1249-00-00be-cc36-cr-for-eht-om-part-ii.docx) | CR for EHT OM part II | Po-Kai Huang | Pending | CR-5C | MAC |
| [1421r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1421-00-00be-cc36-cr-for-cid-6729.docx) | CR for CID 6729 | Insun Jang | Pending | CR-1C | MAC |
| [1401r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1401-00-00be-resolution-for-cids-related-to-status-code-field.docx) | Resolution for CIDs related to Status Code field | Namyeong Kim | Pending | CR-2C | MAC |
| [1425r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1425-00-00be-cc-36-cr-for-4-5-3.docx) | CC 36 CR for 4.5.3 | Po-Kai Huang | Pending | CR-37C | MAC |
| [1222r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1222-00-00be-cc36-cr-for-ml-ie-usage-for-ml-setup-part-2.docx) | CR for ML IE Usage for ML Setup - Part 2 | Insun Jang | Pending | CR-3C | MAC |
| [1327r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1327-00-00be-cc36-resolution-for-cid-5154.docx) | CC36-Resolution-for-CID-5154 | Arik Klein | Pending | CR-1C | MAC |
| [1330r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1330-00-00be-cc36-for-sn-indication.docx) | CC36 for SN indication | Jay Yang | Pending | CR-1C | MAC |
| [1426r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1426-00-00be-cc-36-cr-for-35-3-5-1-and-35-3-5-3.docx) | CR for 35.3.5.1 and 35.3.5.3 | Po-Kai Huang | Pending | CR-43C | MAC |
| [1451r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1451-00-00be-cc36-cr-for-cids-8220-8221-and-4001.docx) | CR for CIDs 8220, 8221 and 4001 | Yiqing Li | Pending | CR-3C | MAC |
| [1416r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1416-00-00be-cr-for-txop-termination-of-nstr-mld.docx) | CR-for-TXOP-Termination-of-NSTR-MLD | Jason Y. Guo | Pending | CR-4C | MAC |
| [1417r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1417-00-00be-cr-for-amediumsyncthreshold.docx) | CR-for-aMediumSyncThreshold | Jason Y. Guo | Pending | CR-5C | MAC |
|  | | | | | |
| [1376r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1376-00-00be-pdt-multi-link-element-fragmentation.docx) | pdt-Multi-Link-element-fragmentation | Jason Y. Guo | Pending  (Next to ?) | PDT | MAC |
| [1492r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1492-00-00be-emlsr-switch-back-pdt.docx) | EMLSR Switch Back PDT | Gaurang Naik | Pending  (Next to 287r1) | PDT | MAC |
| End of MAC Queue | | | | | |
| [1213r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1213-00-00be-d1-0-cr-for-section-36-3-19-4.docx) | D1.0 CR for Section 36.3.19.4 | Wook Bong Lee | Pending | CR-11C | PHY |
| [1217r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1217-00-00be-cc36-cr-on-eht-phy-introduction-part-3.docx) | CR on EHT PHY Introduction-part2 | Kanke Wu | Pending | CR-18C | PHY |
| [1232r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1232-00-00be-cc36-cr-for-cid-6940.docx) | CR for CID 6940 | Yanyi Ding | Pending | CR-1C | PHY |
| [1268r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1268-00-00be-cr-on-36-3-12-8-3-part2.doc) | CR-on-36.3.12.8.3-part2 | Ross Jian Yu | Pending | CR-5C | PHY |
| [1269r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1269-00-00be-cr-on-36-3-12-8-3-part3.doc) | CR-on-36.3.12.8.3-part3 | Ross Jian Yu | Pending | CR-4C | PHY |
| [1265r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1265-00-00be-cc36-cr-for-mathematical-description-of-signals.docx) | CR for Mathematical description of Signals | Yan Zhang | Pending | CR-27C | PHY |
| [1266r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1266-00-00be-cc36-cr-for-coding.docx) | CR for coding | Yan Zhang | Pending | CR-22C | PHY |
| [1267r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1267-00-00be-cc36-cr-for-packet-extension.docx) | CR for Packet extension | Yan Zhang | Pending | CR-2C | PHY |
| [1229r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1229-00-00be-cr-phy-txblocks.docx) | CR\_PHY\_TxBlocks | Xiaogang Chen | Pending | CR-20C | PHY |
| [1302r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1302-01-00be-cc36-cr-for-ru-allocation-and-l-length-in-txvector-and-rxvector.docx) | CR for RU\_ALLOCATION and L\_LENGTH in TXVECTOR and RXVECTOR | Mengshi Hu | Pending | CR-7C | PHY |
| [1368r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1368-00-00be-cc36-cr-on-36-3-12-7-2-u-sig-content-part-4.docx) | CR on 36.3.12.7.2 U-SIG Content - part 4 | Shimi Shilo | Pending | CR-10C | PHY |
| [1369r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1369-00-00be-cc36-cr-on-cid-5473.docx) | CR on CID 5473 | Shimi Shilo | Pending | CR-1C | PHY |
| [1385r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1385-00-00be-eht-sig-cr-on-p802-11be-d1-0-36-3-12-8-2.doc) | EHT-SIG CR on P802.11be D1.0-36.3.12.8.2 | Bo Gong | Pending | CR-5C | PHY |
| [1386r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1386-00-00be-eht-sig-cr-on-p802-11be-d1-0-36-3-12-8-6.doc) | EHT-SIG CR on P802.11be D1.0-36.3.12.8.6 | Bo Gong | Pending | CR-5C | PHY |
| [1387r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1387-00-00be-eht-sig-cr-on-p802-11be-d1-0-cid5485.doc) | EHT-SIG CR on P802.11be D1.0-CID5485 | Bo Gong | Pending | CR-1C | PHY |
| [1382r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1382-00-00be-cc36-cr-for-36-3-2.docx) | CC36 CR for 36.3.2 | Yan Xin | Pending | CR-2C | PHY |
| [1384r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1384-00-00be-cc36-cr-for-3-2-definitions.docx) | CR for 3.2 Definitions | Dongguk Lim | Pending | CR-21C | PHY |
| [1408r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1408-00-00be-cc36-cr-for-cid-4626-and-4653.docx) | CR for CID 4626 and 4653 | Eunsung Park | Pending | CR-2C | PHY |
| [1441r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1441-00-00be-cr-to-36-2-5-effect-of-ch-bandwidth-parameter-on-ppdu-format.docx) | Effect of CH\_BANDWIDTH parameter on PPDU format | Yujin Noh | Pending | CR-3C | PHY |
| [1442r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1442-00-00be-cr-to-36-5-parameters-for-eht-mcss.docx) | CR to 36.5 Parameters for EHT-MCSs | Yujin Noh | Pending | CR-5C | PHY |
| [1463r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1463-00-00be-cr-for-clause-9-4-1-67b.docx) | cr-for-clause-9.4.1.67b | Ahmed Ibrahim | Pending | CR-6C | PHY |
| [1473r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1473-00-00be-cc36-cr-on-cid-6998.docx) | CR on CID 6998 | Shimi Shilo | Pending | CR-1C | PHY |
| [1490r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1490-00-00be-cr-to-36-3-8-eht-mcss-and-36-3-9-eht-sig-mcss.docx) | CR to 36.3.8 EHT-MCSs and 36.3.9 EHT-SIG-MCSs | Yujin Noh | Pending | CR-3C | PHY |
| [1270r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1270-00-00be-cr-for-section-36-3-11-12-on-p802-11be-d1-0-part-1.doc) | CR for Section 36.3.11.12 on P802.11be D1.0 - Part 1 | Oded Redlich | Pending | CR-13C | PHY |
| [1491r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1491-00-00be-cr-for-section-36-3-11-12-on-p802-11be-d1-0-part-2.doc) | CR for Section 36.3.11.12 on P802.11be D1.0 - Part 2 | Oded Redlich | Pending | CR-8C | PHY |
|  | | | | | |
| [1472r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1472-00-00be-alternative-tb-ppdu-disregard-sequence.pptx) | Alternative TB PPDU Disregard Sequence | Shimi Shilo | Pending  (supports 1473) | Tech. Sub. | PHY |
| End of PHY Queue | | | | | |
| R4M: Ready for Motion; Q4M: Queued for Motion (present in motion list); *Approved*: Included in the TGbe Draft. | | | | | |

## Teleconference Agendas

### 1st Conf. Call: Sept 13 (19:00–21:00 ET)–PHY

* See [1319r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1319-02-00be-tgbe-sept-2021-meeting-agenda.pptx)

### 1st Conf. Call: Sept 13 (19:00–21:00 ET)–MAC

* See [1319r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1319-02-00be-tgbe-sept-2021-meeting-agenda.pptx)

### 2nd Conf. Call: Sept 15 (09:00–11:00 ET)–JOINT

* See [1319r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1319-02-00be-tgbe-sept-2021-meeting-agenda.pptx)

### 3rd Conf. Call: Sept 16 (09:00–11:00 ET)–PHY

* See

### 3rd Conf. Call: Sept 16 (09:00–11:00 ET)–MAC

* See

### 4th Conf. Call: Sept 20 (09:00–11:00 ET)–JOINT

* See

### 5th Conf. Call: Sept 22 (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**: CR**
* Technical Submissions**:**
* AoB:
* Adjourn

### 6th Conf. Call: Sept 23 (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**: CR**
* Technical Submissions**:**
* AoB:
* Adjourn

### 7th Conf. Call: Sept 27 (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

### 7th Conf. Call: Sept 27 (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 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:
* Technical Submissions**: CRs**
* AoB:
* Adjourn

## TGbe Guidelines document

* <https://mentor.ieee.org/802.11/dcn/20/11-20-0984-01-00be-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

* https://[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

* http://[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>