IEEE P802.11  
Wireless LANs

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| TGbe 2020 May to July teleconference agendas | | | | | |
| Date: 2020-05-09 | | | | | |
| Author(s): | | | | | |
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Abstract

This document contains the draft agenda for May to July 2020 TGbe teleconferences.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1-2: Included additional requests to the agendas, fixed ordering for certain submissions to be based on DCN, and updated links to most recent snapshot of the mentor website, and added agenda for 2nd conf call.
* Rev 3: Updated the guidelines for adding text to the TGbe SFD, accounting for latest instructions from WG chair and added additional received submissions to the queues.

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| **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 (Quantenna)  **PHY Ad-Hoc Chair:**Tianyu Wu (Apple) | **MAC Ad-Hoc Chair:**Jeongki Kim (LGE)  **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 25 teleconferences up to July 9th for discussing technical presentations:

## Teleconferences Plan for May to July

* **May 11 (Monday) – MAC/PHY 19:00-22:00 ET**
* **May 14 (Thursday) – Joint 10:00-13:00 ET**
* **May 18 (Monday) – MAC/PHY 10:00-13:00 ET**
* **May 20 (Wednesday) – MAC 10:00-13:00 ET**
* **May 21 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **~~May 25 (Monday) – MAC/PHY 19:00-22:00 ET~~**
* **May 27 (Wednesday) – MAC 10:00-13:00 ET**
* **May 28 (Thursday) – Joint 10:00-13:00 ET**
* **June 1 (Monday) – MAC/PHY 10:00-13:00 ET**
* **June 3 (Wednesday) – MAC 10:00-13:00 ET**
* **June 4 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **June 8 (Monday) – MAC/PHY 19:00-22:00 ET**
* **June 10 (Wednesday) – MAC 10:00-13:00 ET**
* **June 11 (Thursday) – Joint 10:00-13:00 ET**
* **June 15 (Monday) – MAC/PHY 10:00-13:00 ET**
* **June 17 (Wednesday) – MAC 10:00-13:00 ET**
* **June 18 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **June 22 (Monday) – MAC/PHY 19:00-22:00 ET**
* **June 24 (Wednesday) – MAC 10:00-13:00 ET**
* **June 25 (Thursday) – Joint 10:00-13:00 ET**
* **June 29 (Monday) – MAC/PHY 10:00-13:00 ET**
* **July 1 (Wednesday) – MAC 10:00-13:00 ET**
* **July 2 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **July 6 (Monday) – MAC/PHY 19:00-22:00 ET**
* **July 8 (Wednesday) – MAC 10:00-13:00 ET**
* **July 9 (Thursday) – Joint 10:00-13:00 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

## Back-Logged Technical Presentations’ List

* 8 submissions in the Joint queue
* 39 submissions in the MAC queue

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| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0005-01-00be-proposals-on-latency-reduction.pptx) | Proposals on Latency Reduction | Shubhodeep Adhikari | Pending | Low Lat | Joint |
| [413r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0413-01-00be-discussion-on-eht-trigger-based-ul-mu.pptx) | Discussion on EHT Trigger based UL MU | Insun Jang | Pending | Multi-RU | Joint |
| [416r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0416-00-00be-mru-signaling-in-trigger-frame.pptx) | Mru-signaling-in-trigger-frame | Ross Jian Yu | Pending | Multi-RU | Joint |
| [466r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0466-00-00be-harq-feedback.pptx) | HARQ feedback | Li-Hsiang Sun | Pending | HARQ | Joint |
| [481r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0481-00-00be-impact-of-harq-on-latency-system-level-simulation-analysis.pptx) | Impact of HARQ on Latency-System Level Simulation Analysis | Shimi Shilo | Pending | HARQ | Joint |
| [482r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0482-00-00be-discussion-on-harq-unit.pptx) | Discussion on HARQ Unit | Shimi Shilo | Pending | HARQ | Joint |
| [115r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0115-03-00be-multi-link-feature-candidates-for-r1.pptx) | Multilink Feature Candidates For Release 1 | Huizhao Wang | Pending | Releases | Joint |
| [292r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0292-00-00be-mlo-typical-operating-scenarios-and-sub-feature-prioritization.pptx) | MLO Typical Operating Scenarios and Sub-feature prioritization | Zhou Lan | Pending | Releases | Joint |
| End of Joint Queue | | | | | |
| [1622r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1622-00-00be-use-auto-repetition-in-low-latency-queue.pptx) | Use Auto Repetition in low latency queue | Tony Zeng | Pending | MAC-Low Latency | MAC |
| [1988r1](https://mentor.ieee.org/802.11/dcn/19/11-19-1988-01-00be-power-save-for-multi-link.pptx) | Power Save for Multi-link | Ming Gan | Pending | ML-Power Save | MAC |
| [1955r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1955-00-00be-multi-link-operation-per-link-aid.pptx) | Multi-link Operation: Per-link AID | Abhishek Patil | Pending | ML-Power Save | MAC |
| [003r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0003-00-00be-discussion-on-latency-metric.pptx) | Discussion on latency metric | Suhwook Kim | Pending | MAC-Low Latency | MAC |
| [027r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0027-00-00be-mlo-sn-space-expansion.pptx) | Expansion of SN Space | Duncan Ho | Pending | MAC-Block Ack | MAC |
| [037r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0037-00-00be-power-saving-considering-non-ap-without-str-capability.pptx) | Power Saving Considering non-AP without STR Capability | Namyeong Kim | Pending | ML-Power Save | MAC |
| [061r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0061-00-00be-ba-consideration.pptx) | BA Consideration | Liwen Chu | Pending | MAC-Block Ack | MAC |
| [066r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0066-00-00be-multi-link-tim.pptx) | Multi-link TIM | Young Hoon Kwon | Pending | ML-Power Save | MAC |
| [070r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0070-00-00be-multi-link-power-saving-operation.pptx) | Multi-link power saving operation | Yonggang Fang | Pending | ML-Power Save | MAC |
| [084r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0084-00-00be-multi-link-tim-design.pptx) | Multi-link TIM design | Minyoung Park | Pending | ML-Power Save | MAC |
| [085r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0085-00-00be-multi-link-power-save-link-bitmap.pptx) | Multi-link power save - link bitmap | Minyoung Park | Pending | ML-Power Save | MAC |
| [114r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0114-00-00be-block-ack-window-extension.pptx) | Block Ack Window extension | Yongho Seok | Pending | MAC-Block Ack | MAC |
| [~~115r4~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0115-03-00be-multi-link-feature-candidates-for-r1.pptx) | ~~Multilink Feature Candidates For Release 1~~ | ~~Huizhao Wang~~ | ~~Joint~~ | ~~ML-General~~ | ~~MAC~~ |
| [289r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0289-00-00be-on-multi-link-power-save-and-link-management.pptx) | On multi-link power save and link management | Sindhu Verma | Pending | ML-Power Save | MAC |
| [~~292r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0292-00-00be-mlo-typical-operating-scenarios-and-sub-feature-prioritization.pptx) | ~~MLO Typical Operating Scenarios and Sub-feature prioritization~~ | ~~Zhou Lan~~ | ~~Joint~~ | ~~ML-General~~ | ~~MAC~~ |
| [337r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0337-00-00be-multi-link-bss-parameter-update.pptx) | Multi-link BSS Parameter Update | Yongho Seok | Pending | ML-Mgmt. | MAC |
| [356r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0356-00-00be-mlo-discovery-and-beacon-bloating.pptx) | MLO: Discovery and beacon-bloating | Abhishek Patil | Pending | ML-Mgmt. | MAC |
| [362r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-00-00be-proposals-on-ampdu-ba-mechanisms.pptx) | Proposals on AMPDU-BA mechanisms | Sindhu Verma | Pending | MAC-Block Ack | MAC |
| [363r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0363-01-00be-proposals-on-unused-bandwidth-utilizations.pptx) | Proposals on unused bandwidth utilizations | Sindhu Verma | Re-Schedule | MAC-General | MAC |
| [370r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0370-00-00be-multi-link-power-save-discussion.pptx) | Multi-link Power Save Discussion | Sharan Naribole | Pending | ML-Power Save | MAC |
| [386r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0386-00-00be-multi-link-association-follow-up.pptx) | Multi link association follow up | Young Hoon Kwon | Pending | ML-Mgmt. | MAC |
| [387r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0387-00-00be-multi-link-setup-follow-up-ii.pptx) | Multi-link setup follow up II | Po-Kai Huang | Pending | ML-Mgmt. | MAC |
| [389r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0389-00-00be-multi-link-discovery-part-1.pptx) | Multi-link Discovery part 1 | Laurent Cariou | Pending | ML-Mgmt. | MAC |
| [390r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0390-00-00be-multi-link-discovery-part-2.pptx) | Multi-link Discovery part 2 | Laurent Cariou | Pending | ML-Mgmt. | MAC |
| [391r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0391-00-00be-multi-link-power-save-state-after-enablement.pptx) | Power save state after enablement | Laurent Cariou | Pending | ML-Power Save | MAC |
| [392r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0392-00-00be-mld-max-bss-idle-period.pptx) | MLD Max Idle period | Laurent Cariou | Pending | ML-Mgmt. | MAC |
| 393r0 | BSS parameters update for multi-link | Laurent Cariou | Pending | ML-Mgmt. | MAC |
| [395r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0395-00-00be-multi-link-beaconing-capability-operation-parameter.pptx) | Beaconing, capability, operation parameter | Liwen Chu | Pending | ML-Mgmt. | MAC |
| [396r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0396-00-00be-mlo-bss-information-transmission-and-multiple-bssid-support.pptx) | MLO BSS Information Transmission and Multiple BSSID Support | Liwen Chu | Pending | ML-Mgmt. | MAC |
| [399r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0399-00-00be-bw-negotiation-protection-with-more-than-160mhz-ppdu-and-puncture-operation.pptx) | BW negotiation, protection with more than 160MHz PPDU and puncture operation | Liwen Chu | Deferred | MAC-Protection | MAC |
| [408r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0408-00-00be-prioritized-edca-channel-access-over-latency-sensitive-links-in-mlo.pptx) | Prioritized EDCA Channel Access Over Latency Sensitive Links in MLO | Chunyu Hu | Done | ML-Med Access | MAC |
| [411r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0411-00-00be-mlo-information-exchange-for-link-switching.pptx) | MLO: Link Switching Method | Namyeong Kim | Pending | ML-Mgmt. | MAC |
| 412r0 | MLO: Information Exchange for Link Switching | Namyeong Kim | Pending | ML-Mgmt. | MAC |
| [418r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0418-01-00be-low-latency-service-in-802-11be.pptx) | Low latency service in 802.11be | Dave Cavalcanti | Pending | MAC-Low Latency | MAC |
| [426r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0426-00-00be-multi-link-tsf-discussion.pptx) | Multi-Link TSF Discussion | Minyoung Park | Pending | ML-Mgmt. | MAC |
| 429r0 | Discussion on Partial Bandwidth Transmission Opportunities | Kaiying Lu | Pending | MAC-Medium Access | MAC |
| [434r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0434-00-00be-multi-link-secured-retransmissions.pptx) | Multi-link Secured Retransmissions | Rojan Chitrakar | Done | ML-General | MAC |
| [443r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0443-00-00be-mla-ssid-handling.pptx) | MLA: SSID Handling | Duncan Ho | Pending | ML-Mgmt. | MAC |
| [462r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0462-00-00be-11be-ba-indication.pptx) | 11be BA Indication | Po-Kai Huang | Pending | MAC-Block Ack | MAC |
| [463r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0463-00-00be-priority-access-support-options-for-ns-ep-serveices.pptx) | Priority Access Support Options for NS/EP Services | Subir Das | Pending | MAC-General | MAC |
| [468r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0468-00-00be-channel-access-category.pptx) | Access-category | Yonggang Fang | Pending | MAC-General | MAC |
| [469r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0469-00-00be-multi-link-channel-sensing.pptx) | Multi-link channel sensing | Yonggang Fang | Done | ML-Med Access | MAC |
| [472r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0472-00-00be-discussion-of-more-data-subfield-for-multi-link.pptx) | Discussion of More Data subfield for multi-link | Yunbo Li | Done | ML-General | MAC |
| [484r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0484-00-00be-latency-measurement-for-low-latency-applications.pptx) | Latency Measurement for Low Latency Applications | Liuming Lu | Pending | MAC-Low Latency | MAC |
| 489r0 | Applied Case Study of Multi-link Framework and Operation | Yoshihisa Kondo | Pending | ML-General | MAC |
| End of MAC Queue | | | | | |

## Deferred SPs List

* 1 submission in the Joint queue.
* 5 submissions in the MAC queue.
* 3 submissions in the PHY queue.

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| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| 0123r1 | Channel Sounding for Multi-AP CBF | Feng Jiang | Pending (1 SP) | MAP-CBF | Joint |
| End of Joint Queue | | | | | |
| [~~1547r3~~](https://mentor.ieee.org/802.11/dcn/19/11-19-1547-03-00be-multi-link-operation-and-channel-access-discussion.pptx) | ~~Multi-link-operation-and-channel-access-discussion~~ | ~~Kaiying Lu~~ | ~~Already Presented~~ | ~~ML-Med Access~~ | ~~MAC~~ |
| [1822r7](https://mentor.ieee.org/802.11/dcn/19/11-19-1822-07-00be-multi-link-security-consideration.pptx) | Multi-link security consideration | Po-Kai Huang | Done | ML-General | MAC |
| [1943r4](https://mentor.ieee.org/802.11/dcn/19/11-19-1943-03-00be-multi-link-management.pptx) | Multi-link Management | Taewon Song | Pending (2 SPs) | ML-Mgmt. | MAC |
| [028r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0028-00-00be-indication-of-multi-link-information.pptx) | Indication of Multi-link Information | Insun Jang | Pending (2 SPs) | ML-Mgmt. | MAC |
| [030r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0030-04-00be-multi-link-association-follow-up.pptx) | Multi-link Association Follow UP | Guogang Huang | Pending (2 SPs) | ML-Mgmt. | MAC |
| [069r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0069-02-00be-multi-link-communication-mode-definition.pptx) | Multi-link communication mode definition | Yonggang Fang | Done | ML-General | MAC |
| [105r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-03-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx) | Link Latency Statistics of Multi-band Operations in EHT | Frank Hsu | Re-Schedule (2 SPs) | ML-General | MAC |
| Requests Received after the Call For Submissions of May | | | | | |
| 398r3 | EHT BSS with Wider BW | Liwen Chu | Pending | MAC-General | MAC |
| End of MAC Queue | | | | | |
| [609r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0609-01-00be-further-discussion-on-ru-allocation-subfield-in-eht-sig.pptx) | Further discussion on RU allocation subfield in EHT-SIG | Ross Jian Yu | Pending (9 SPs) | RU allocation | PHY |
| [651r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0651-01-00be-further-thoughts-on-eht-ltf-papr-in-802-11be.pptx) | Further Thoughts on EHT-LTF PAPR in 802.11be | Genadiy Tsodik | Pending (2 SPs) | Preamble | PHY |
| [738r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0738-00-00be-evaluation-of-signaling-overhead-for-eht-sig.pptx) | Evaluation of signalling overhead for eht sig | Dongguk Lim | Pending (1 SP) | SIG | PHY |
| End of PHY Queue | | | | | |

## New Technical Presentations’ List

* 15 submissions in the Joint queue
* 37 submissions in the MAC queue
* 0 submissions in the PHY queue

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| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| 548r0 | Discussion On Coordinated UL MU-MIMO | Genadiy Tsodik | Pending | MAP-MU MIMO | Joint |
| [560r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0560-00-00be-multi-ap-configuration-and-resource-allocation.pptx) | Multi-AP Configuration and Resource Allocation | Po-Kai Huang | Pending | MAP-General | Joint |
| 574r0 | C-TDMA definition | Laurent Cariou | Pending | MAP-TDMA | Joint |
| [576r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0576-01-00be-coordinated-spatial-reuse-protocol.pptx) | Coordinated Spatial Reuse Protocol | Yongho Seok | Pending | MAP-SR | Joint |
| [590r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0590-00-00be-shared-txop-spatial-reuse-considerations.pptx) | Shared TXOP Spatial Reuse Considerations | Jonghun Han | Pending | MAP-SR | Joint |
| 595r0 | C-TDMA protection | Dibakar Das | Pending | MAP-TDMA | Joint |
| [596r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0596-00-00be-ap-candidate-set-follow-up.pptx) | AP candidate set follow up | Cheng Chen | Pending | MAP-General | Joint |
| [617r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0617-00-00be-multi-ap-operation-basic-definition.pptx) | Multi-AP-Operation-Basic-Definition | Oren Kedem | Pending | MAP-General | Joint |
| [674r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0674-00-00be-forward-compatible-ofdma.pptx) | Forward compatible OFDMA | Xiaogang Chen | Pending | General | Joint |
| 687r0 | R1-R2 discussion for AP coordination | Laurent Cariou | Pending | Releases | Joint |
| 697r0 | Serving low latency applications in r1 | Chunyu H | Pending | Releases | Joint |
| 755r0 | Non-STR AP Operation | Jinjing Jiang | Pending | Releases | Joint |
| Requests Received after the Call For Submissions of May | | | | | |
| [643r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0643-00-00be-mu-rts-in-multi-ap-operation.pptx) | MU-RTS in Multi-AP Operation | Yunbo Li | Pending | MAP-Protection | Joint |
| [644r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0644-00-00be-nav-setting-in-multi-ap-operation.pptx) | NAV Setting in Multi-AP Operation | Yunbo Li | Pending | MAP-Protection | Joint |
| 764r0 | Trigger Consideration | Liwen Chu | Pending | General | Joint |
| End of Joint Queue | | | | | |
| [151r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0151-00-00be-target-sta-announcement-in-dl-txop-for-synchronous-mode-stas-of-mlo.pptx) | Target STA Announcement in DL TXOP for Synchronous Mode STAs of MLO | Frank Hsu | Pending | ML-Constrained ops. | MAC |
| [280r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0280-00-00be-link-enablement-considerations.pptx) | Link Enablement Considerations | Frank Hsu | Pending | ML-Mgmt. | MAC |
| [294r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0294-00-00be-11be-block-ack-bitmap-size-discussion.pptx) | 11be-block-ack-bitmap-size-discussion.pptx | Zhou Lan | Pending | MAC-Block Ack | MAC |
| [357r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0357-00-00be-mlo-container-structure-for-capability-advertisement.pptx) | MLO: Container Structure for Capability Advertisement | Abhishek Patil | Pending | ML-Mgmt. | MAC |
| [427r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0427-00-00be-synchronous-multi-link-operation.pptx) | Synchronous multi link operation | Young Hoon Kwon | Pending | ML-Constrained ops. | MAC |
| [503r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0503-00-00be-bss-parameter-update-for-multi-link-operation.pptx) | BSS parameter update for Multi-link Operation | Ming Gan | Pending | ML-Operation | MAC |
| 508r0 | MLO: Reachability Problem | Abhishek Patil | Pending | ML-Operation | MAC |
| [527r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-00-00be-multi-link-constraint-signaling.pptx) | Multi-link Constraint Signaling | Yongho Seok | Pending | ML-Constrained ops. | MAC |
| [562r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0562-00-00be-enhanced-multi-link-single-radio-operation.pptx) | Enhanced multi-link single radio operation | Minyoung Park | Pending | ML-General | MAC |
| [569r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0569-00-00be-11be-txop-protection-and-coexistence-with-11ax.pptx) | 11be-txop-protection-coexistence-11ax | Chunyu Hu | Pending | MAC-General | MAC |
| [577r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0577-00-00be-rts-and-cts-procedure-in-synchronous-multi-link-operation.pptx) | RTS and CTS Procedure in Synchronous Multi-link Operation | Yongho Seok | Pending | ML-Constrained ops. | MAC |
| 586r0 | MLO: Signaling of critical updates | Abhishek Patil | Pending | ML-Operation | MAC |
| [591r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0591-00-00be-channel-width-selection-for-various-frame-types-with-preamble-puncture-and-puncture-location-indication.pptx) | Channel width selection for various frame types with preamble puncture and puncture location indication | Lochan Verma | Pending | MAC-General | MAC |
| [616r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0616-00-00be-bandwidth-indication-of-320mhz-for-non-ht-and-non-ht-duplicate-frames.pptx) | Bandwidth indication of 320MHz for non-HT and non-HT duplicate frames | Yunbo Li | Pending | MAC-Protection | MAC |
| [624r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0624-00-00be-eht-operation-element-for-320mhz.pptx) | EHT-Operation-Element-for-320MHz | Jason Yuchen Guo | Pending | MAC-General | MAC |
| [638r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0638-00-00be-str-ap-sync-mlo-operation.pptx) | STR AP Sync. MLO operation | Zhou Lan | Pending | ML-Constrained ops. | MAC |
| [661r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0661-00-00be-group-addressed-frames-delivery-for-mlo.pptx) | Group addressed frames delivery for MLO | Ming Gan | Pending | ML-Operation | MAC |
| [680r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0680-00-00be-operating-bandwidth-indication-for-eht-bss.pptx) | Operating bandwidth indication for eht bss | Huang Guogang | Pending | MAC-General | MAC |
| [681r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0681-00-00be-scoreboard-operation-for-multi-link-aggregation.pptx) | Scoreboard operation for multilink aggregation | Huang Guogang | Pending | ML-Block Ack | MAC |
| Requests Received after the Call For Submissions of May | | | | | |
| [226r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0226-05-00be-mlo-constraint-indication-and-operating-mode.pptx) | MLO Constraint Indication and Operating Mode | Sharan Naribole | Pending | ML-Mgmt. | MAC |
| [523r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0523-00-00be-discussion-on-channels-for-multi-link-operation.pptx) | Discussion on Channels for Multi-link Operation | Geonjung Ko | Pending | ML-Operation | MAC |
| 528r0 | Non-STR Downlink and BA | Sharan Naribole | Pending | ML-Constrained ops. | MAC |
| [668r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0668-00-00be-320-mhz-bss-configuration-follow-up.pptx) | 320-mhz-bss-configuration-follow-up.pptx | Po-Kai Huang | Pending | MAC-General | MAC |
| 669r0 | MLD transition | Po-Kai Huang | Pending | ML-Mgmt. | MAC |
| 670r0 | Synchronous Multi-link Operation Follow-up | Yongho Seok | Pending | ML-Constrained ops. | MAC |
| 671r0 | Multi-link Triggered Uplink Access Follow-up | Yongho Seok | Pending | ML-Constrained ops. | MAC |
| 672r0 | Group addressed frame transmission in constrained multi-link operation follow-up | Yongho Seok | Pending | ML-Constrained ops. | MAC |
| 673r0 | Multiple BSSID Support in Multi-link Operation | Yongho Seok | Pending | ML-General | MAC |
| 688r0 | ML individual addressed data delivery without BA | Po-Kai Huang | Pending | ML-General | MAC |
| [712r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-00-00be-bqr-for-320mhz.pptx) | BQR for 320MHz | Yunbo Li | Pending | MAC-General | MAC |
| 736r0 | EHT SST Operation | Yongho Seok | Pending | MAC-General | MAC |
| 737r0 | Supported EHE-MCSs and spatial streams signaling | Yongho Seok | Pending | MAC-General | MAC |
| [747r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0747-00-00be-rts-cts-in-11be.pptx) | RTS-CTS-in-11be | Lochan Verma | Pending | MAC-Protection | MAC |
| 751r0 | Multi-link Setup clarifications | Rojan Chitrakar | Pending | ML-Mgmt. | MAC |
| 757r0 | ML fragmentation | Po-Kai Huang | Pending | ML-Operation | MAC |
| 760r0 | Multi-Link-SM-Power-Save-Mode | Jason Yuchen Guo | Pending | ML-Power Save | MAC |
| 761r0 | Multi-Link-Group-Addressed-Frame-delivery-for-non-STR-MLD | Jason Yuchen Guo | Pending | ML-Constrained ops. | MAC |
| End of MAC Queue | | | | | |
| [609r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0609-01-00be-further-discussion-on-ru-allocation-subfield-in-eht-sig.pptx) | Further discussion on RU allocation subfield in EHT-SIG | Ross Jian Yu | Done | RU allocation | PHY |
| [651r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0651-01-00be-further-thoughts-on-eht-ltf-papr-in-802-11be.pptx) | Further Thoughts on EHT-LTF PAPR in 802.11be | Genadiy Tsodik | Done | Preamble | PHY |
| [738r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0738-00-00be-evaluation-of-signaling-overhead-for-eht-sig.pptx) | Evaluation of signalling overhead for eht sig | Dongguk Lim | Done | SIG | PHY |
| End of PHY Queue | | | | | |
| Note for PHY queue: There are not many PHY presentations, hence a single queue is maintained for this ad-hoc group. | | | | | |

## Order of Topics (starting from 05/10/2020)

### Joint

* Multi-RU (**2**), HARQ (**3**), MAP-TDMA (**2**), MAP-General (**3**), Low Lat (**1**), MAP-MU MIMO (**1**), General (**1+1**) MAP-SR (**2**), MAP-Protection (**2**), MAP-CBF (**1**).
* Releases (**2+2)**

### MAC

* ML-Med Access (**0**), ML-General (**2+3**), MAC-General (**7+5**), ML-Power Save (**10+1**), MAC-Block Ack (**6**), MAC-Medium Access (**1**), ML-Mgmt. (**19+2**), MAC-Protection (**2+1**), MAC-Low Latency (**5**), ML-Constrained ops. (**5**+**4**) , ML-Block Ack (**1**), ML-Operation (**4+2**), ML-Architecture (**0**).

### PHY

* RU Allocation (**1**), Channelization (**0**), 4K-QAM (**0**), General (**0**), SIG (**1**), Preamble (**1**), Puncturing (**0**).

## Teleconference Agendas

### 1st Conf. Call: May 11 (19:00–22:00 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

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* 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@lge.com](mailto:jeongki.kim@lge.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:
  + Run a SP for changes to new teleconference schedules.
* Technical Submissions: **ML-Med Access**
  + [408r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0408-02-00be-prioritized-edca-channel-access-over-latency-sensitive-links-in-mlo.pptx) Prioritized EDCA Channel Access Over Latency Sensitive Links in MLO (Chunyu Hu) [Cont.]
  + [1547r5](https://mentor.ieee.org/802.11/dcn/19/11-19-1547-05-00be-multi-link-operation-and-channel-access-discussion.pptx) Multi-link-operation-and-channel-access-discussion (Kaiying Lu)-Presented
  + [469r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0469-00-00be-multi-link-channel-sensing.pptx) Multi-link channel sensing (Yonggang Fang)
* Technical Submissions: **ML-General**
  + [1822r7](https://mentor.ieee.org/802.11/dcn/19/11-19-1822-07-00be-multi-link-security-consideration.pptx) Multi-link security consideration (Po-Kai Huang) [1 SP]
  + [069r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0069-02-00be-multi-link-communication-mode-definition.pptx) Multi-link communication mode definition (Yonggang Fang) [2 SPs]
  + [105r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-04-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx) Link Latency Statistics of Multi-band Operations in EHT (Frank Hsu) [2 SPs]-Re-schedule
  + [115r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0115-04-00be-multi-link-feature-candidates-for-r1.pptx) Multilink Feature Candidates For Release 1 (Huizhao Wang)- Move to Joint
  + [292r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0292-00-00be-mlo-typical-operating-scenarios-and-sub-feature-prioritization.pptx) MLO Typical Operating Scenarios and Sub-feature prioritization (Zhou Lan)- Move to Joint
  + [434r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0434-00-00be-multi-link-secured-retransmissions.pptx) Multi-link Secured Retransmissions (Rojan Chitrakar)
  + [472r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0472-00-00be-discussion-of-more-data-subfield-for-multi-link.pptx) Discussion of More Data subfield for multi-link (Yunbo Li)

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* + 489r0 Applied Case Study of Multi-link Framework and Operation (Yoshihisa Kondo)
  + [562r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0562-00-00be-enhanced-multi-link-single-radio-operation.pptx) Enhanced multi-link single radio operation (Minyoung Park)
* Technical Submissions: **MAC-General**
  + [363r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0363-01-00be-proposals-on-unused-bandwidth-utilizations.pptx) Proposals on unused bandwidth utilizations (Sindhu Verma) [@10:am cc]
  + [463r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0463-00-00be-priority-access-support-options-for-ns-ep-serveices.pptx) Priority Access Support Options for NS/EP Services (Subir Das)
  + [468r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0468-00-00be-channel-access-category.pptx) Access category (Yonggang Fang)
  + [569r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0569-00-00be-11be-txop-protection-and-coexistence-with-11ax.pptx) 11be txop protection coexistence 11ax (Chunyu Hu)
  + [591r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0591-00-00be-channel-width-selection-for-various-frame-types-with-preamble-puncture-and-puncture-location-indication.pptx) Channel width selection for various frame types with preamble puncture and puncture location indication (Lochan Verma)
  + [624r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0624-00-00be-eht-operation-element-for-320mhz.pptx) EHT Operation Element for 320MHz (Jason Yuchen Guo)
  + [680r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0680-00-00be-operating-bandwidth-indication-for-eht-bss.pptx) Operating bandwidth indication for eht bss (Huang Guogang)
* AoB:
* Adjourn

### 1st Conf. Call: May 11 (19:00–22:00 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
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* 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@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
  + Straw Poll in 019r4
  + 609r1 Further discussion on RU allocation subfield in EHT-SIG (Ross Jian Yu)
  + 738r0 Evaluation of signalling overhead for eht sig (Dongguk Lim)
  + 651r1 Further Thoughts on EHT-LTF PAPR in 802.11be (Genadiy Tsodik)
* AoB:
* Adjourn

### 2nd Conf. Call: May 14 (10:00–13:00 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

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* 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 Dennis Sundman ([dennis.sundman@ericsson.com](mailto:dennis.sundman@ericsson.com)) and Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* TGbe Procedure:
  + Follow up on re-scheduling a subset of new teleconference calls for MAC ad-hoc.
  + Update to the Guideline-Building Consensus and Populating the TGbe SFD.
* Technical Submissions**-Multi RU**:
  + [413r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0413-01-00be-discussion-on-eht-trigger-based-ul-mu.pptx) Discussion on EHT Trigger based UL MU (Insun Jang)
  + [416r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0416-00-00be-mru-signaling-in-trigger-frame.pptx) Mru-signaling-in-trigger-frame (Ross Jian Yu)
* Technical Submissions**-HARQ**:
  + [466r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0466-00-00be-harq-feedback.pptx) HARQ feedback (Li-Hsiang Sun)
  + [481r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0481-00-00be-impact-of-harq-on-latency-system-level-simulation-analysis.pptx) Impact of HARQ on Latency-System Level Simulation Analysis (Shimi Shilo)
  + [482r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0482-00-00be-discussion-on-harq-unit.pptx) Discussion on HARQ Unit (Shimi Shilo)
* Technical Submissions**-MAP TDMA**:
  + 574r0 C-TDMA definition (Laurent Cariou)
  + 595r0 C-TDMA protection (Dibakar Das)
* Technical Submissions**-MAP General**:
  + [560r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0560-00-00be-multi-ap-configuration-and-resource-allocation.pptx) Multi-AP Configuration and Resource Allocation (Po-Kai Huang)
  + [596r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0596-00-00be-ap-candidate-set-follow-up.pptx) AP candidate set follow up (Cheng Chen)
  + [617r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0617-00-00be-multi-ap-operation-basic-definition.pptx) Multi-AP-Operation-Basic-Definition (Oren Kedem)
* Technical Submissions**-Low Lat**:
  + [005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0005-01-00be-proposals-on-latency-reduction.pptx) Proposals on Latency Reduction (Shubhodeep Adhikari)
* Technical Submissions**-MAP-MU MIMO**:
  + 548r0 Discussion On Coordinated UL MU-MIMO (Genadiy Tsodik)
* Technical Submissions**-General**:
  + [674r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0674-00-00be-forward-compatible-ofdma.pptx) Forward compatible OFDMA (Xiaogang Chen)
* Technical Submissions**-MAP-SR**:
  + [576r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0576-01-00be-coordinated-spatial-reuse-protocol.pptx) Coordinated Spatial Reuse Protocol (Yongho Seok)
  + [590r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0590-00-00be-shared-txop-spatial-reuse-considerations.pptx) Shared TXOP Spatial Reuse Considerations (Jonghun Han)
* AoB:
* Adjourn

### 3rd Conf. Call: May 18 (10:00–13:00 ET)–MAC

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
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* 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:
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  + 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@lge.com](mailto:jeongki.kim@lge.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:
* AoB:
* Adjourn

### 3rd Conf. Call: May 18 (10:00–13:00 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
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* 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:
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 4th Conf. Call: May 20 (10:00–13:00 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
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* 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@lge.com](mailto:jeongki.kim@lge.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:
* AoB:
* Adjourn

### 5th Conf. Call: May 21 (19:00–22:00 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

* 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:
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 5th Conf. Call: May 21 (19:00–22:00 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
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  + 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@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 6th Conf. Call: May 27 (10:00–13:00 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

* 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:
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 7th Conf. Call: May 28 (10:00–13:00 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

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  + 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 Dennis Sundman ([dennis.sundman@ericsson.com](mailto:dennis.sundman@ericsson.com)) and Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 8th Conf. Call: June 1 (10:00–13:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 8th Conf. Call: June 1 (10:00–13:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 9th Conf. Call: June 3 (10:00–13:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 10th Conf. Call: June 4 (19:00–22:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 10th Conf. Call: June 4 (19:00–22:00 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
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    - Speak up now and respond to this Call for Potentially Essential Patents

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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 11th Conf. Call: June 8 (19:00–22:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 11th Conf. Call: June 8 (19:00–22:00 ET)–PHY

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 12th Conf. Call: June 10 (10:00–13:00 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

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* Attendance reminder.
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 13th Conf. Call: June 11 (10:00–13:00 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

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  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Dennis Sundman ([dennis.sundman@ericsson.com](mailto:dennis.sundman@ericsson.com)) and Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 14th Conf. Call: June 15 (10:00–13:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 14th Conf. Call: June 15 (10:00–13:00 ET)–PHY

* Call the meeting to order
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    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 15th Conf. Call: June 17 (10:00–13:00 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

* 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@lge.com](mailto:jeongki.kim@lge.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:
* AoB:
* Adjourn

### 16th Conf. Call: June 18 (19:00–22:00 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

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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 16th Conf. Call: June 18 (19:00–22:00 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
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  + 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@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 17th Conf. Call: June 22 (19:00–22:00 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

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  + 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:
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 17th Conf. Call: June 22 (19:00–22:00 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
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  + 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.
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 24th Conf. Call: June 24 (10:00–13:00 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

* 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.
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 25th Conf. Call: June 25 (10:00–13:00 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
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  + 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 Dennis Sundman ([dennis.sundman@ericsson.com](mailto:dennis.sundman@ericsson.com)) and Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 26th Conf. Call: June 29 (10:00–13:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 26th Conf. Call: June 29 (10:00–13:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 27th Conf. Call: July 1 (10:00–13:00 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
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* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 28th Conf. Call: July 2 (19:00–22:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 28th Conf. Call: July 2 (19:00–22:00 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
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  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 29th Conf. Call: July 6 (19:00–22:00 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
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  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
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  + 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@lge.com](mailto:jeongki.kim@lge.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:
* AoB:
* Adjourn

### 29th Conf. Call: July 6 (19:00–22:00 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
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  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
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    - 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@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

### 30th Conf. Call: July 8 (10:00–13:00 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

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* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
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  + 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@lge.com](mailto:jeongki.kim@lge.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:
* AoB:
* Adjourn

### 31st Conf. Call: July 9 (10:00–13:00 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

* 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 Dennis Sundman ([dennis.sundman@ericsson.com](mailto:dennis.sundman@ericsson.com)) and Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
* AoB:
* Adjourn

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## Policies and Procedures

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

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Teleconferences 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>

* **The** [**IEEE-SA Standards Board Bylaws**](http://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf) **require that “participants in the IEEE standards development individual process shall act based on their qualifications and experience”**
* **This means participants:**
  + **Shall act & vote** based on their personal & independent opinions derived from their expertise, knowledge, and qualifications
  + **Shall not act or vote** based on any obligation to or any direction from any other person or organization, including an employer or client, regardless of any external commitments, agreements, contracts, or orders
  + **Shall not direct** the actions or votes of other participants or retaliate against other participants for fulfilling their responsibility to act & vote based on their personal & independently developed opinions
* **By participating in standards activities using the “*individual process*”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation**

## Guideline-Running StrawPolls Online

1. Reminder: Members will be placed on mute upon joining the call to reduce background noise. Hence, in order to speak, please unmute yourself.
2. Each member that intends to join the conference call and vote needs to:
   * Ensure that their name and affiliation is listed in the participants list
     1. If you are not properly identified in the participants list, your vote will be removed from the straw polls results
     2. If your employer uses WebEx as well, then you need to update the identification details on the internal profile.
     3. Please preceed your name and affiliation with your voting status (V=Voter, N= Non Voter, P= Potential Voter, A= Aspirant Voting)
     4. Format for overall participant’s detail: “[V] John Doe (Affiliation)”
   * Ensure that they join the conference call online before dialing in, in order to ensure that name and affiliation appear in the participants list
     1. Audio connection via cellphone or landline can be achieved by having WebEx calling the phone number or by dialing in using the identification numbers provided when joining online
3. One or more Straw Polls can be run for each presentation (no motions allowed)
   * Straw Poll will first be shown on the screen (after discussions as usual))
   * Chair will then copy the straw poll and display it via the conference call’s polling system
     1. A straw poll can allow either a single choice response or multiple choice responses (e.g., vote for as many as you like); single choice will be used by default unless presenter indicates otherwise
   * A Pop-Up window with the SP will appear for each member that is online
     1. The Chair will remind members to cast their vote and will announce the end of the vote, after which no more voting can take place
     2. Members are invited to cast their vote in a timely fashion, otherwise they will miss the window of vote and be unable to cast their vote
     3. Choose carefully! The system will not allow a vote to be changed once the vote has been submitted, even if the SP is still open for voting
     4. After a reasonable time (1 min or so) the chair will close the poll
     5. If a member cannot cast the vote via the pop-up window then the member must notify the chair of such an issue and then can cast his vote in the chat window (and subsequently send an e-mail to the chair). The vote then will be accounted for by the chair (and secretary) when declaring the results.
   * The Outcome of the SP is reported to the group and will be noted in the meeting minutes, as usual
     1. Note 1: Votes cast by unidentified members may be removed, so please ensure that name and affiliation are correct
     2. Note 2: Voting results will be provided in the minutes. Individual votes will be included in the minutes if a member calls for a roll call, although such information will be traced, whenever possible, by the chair so that it can be shared with the WG leadership upon request. Members can send an e-mail to the chair to request for a copy of the individual votes.

Note 1: Note that where a group of individuals is attending in common through a single dial in, there is only one vote available and therefore, all participants who wish to vote need to individually sign into the meeting to be included in the participant list.

Note 2: This is the first time that such a system is being used for this purpose and as such we will learn/adjust as we go.

## Guideline-Building Consensus and Populating the TGbe SFD

1. For each SFD text contribution, there will be a strawpoll (any member attending the call can vote on the strawpoll) to determine support for adding the text contribution to the SFD. The strawpoll will have response options for approve (YES), disapprove (NO), and abstain. If the strawpoll achieves 75% approval (approval rate = sum of approve votes/sum of approve and disapprove votes) then the SFD text contribution is added to the compendium of SPs document (11-20/566), in yellow) and identified by a unique tag.
   1. Please precede your name and affiliation with your voting status (V=Voter, N= Non Voter, P=Potential Voter, A=Aspirant)
   2. Format for overall participant’s detail: “[V] John Doe (Affiliation)”
2. TGbe Chair will announce the new SFD text contributions to the reflector (essentially everything highlighted in yellow) and ask if any of the new SFD contributions (identified by its tag) needs further discussion.
   1. Members can flag a yellow item (namely by its tag) for further discussion by sending a request to the reflector after the respective announcement is made and 24 hours before the subsequent Joint call at which motions are scheduled.
      1. Note: Rules specify that these calls need to be scheculed at or near 9:00am ET. Our Joint Conf calls are scheduled at 10:00am ET.
         1. **Option 1:** 10:00am ET is “pretty much” near 9:00am ET.
         2. **Option 2:** Shift these Joint conference calls to start at 9:00am and end at 12:00am ET
   2. SFD text contributions that do not have a request for further discussion, since the respective announcement and up to 24 hours before the subsequent Joint conf call, will be marked in green in the compendium of SPs document (11-20/566) and be ready for motion. The motion, which will apply to all candidate SFD text marked in green, will be run during the scheduled Joint conf call. If the motion passes, then the approved text will be added to the TGbe SFD.
   3. SFD text contributions that do have a request for further discussion will be added as a separate motion on the agenda of the same scheduled Joint conf call.
      1. If the motion passes (only Voting members attending the Joint call can vote on the motion) then the respective text will be added to the TGbe SFD.
      2. If the motion fails (only Voting members attending the Joint call can vote on the motion) then the respective text will be removed from the next revision of the compendium of SPs document, noting that the member can follow up on the proposed concept following the usual process.

## Guideline-Increasing MAC queue processing speed

1. Members are encouraged to review the presentations in advance to understand concept and ask clarification questions. Authors are encouraged to additionally check SPs so that they can be merged or run as multiple options.
2. Each presentation to have 15-20 mins (ask feedback from members) allocated to it during conf call.
3. If the presentation has SPs that are unrelated to others, we can quickly run them. Questions will be limited on the SPs if time is running out and nearing the 30 mins threshold.
4. If the presentation has SPs that are related to others, then we cantry to merge them and run all together (merged or with options) and limit discussions on the SPs (5-10 mins).

## References:

From WG Chair e-mail:

“Announcement of Rules Change:

To enable the timely and efficient progress of work during the exceptional circumstance of cancelled plenary and interim sessions: Effective immediately,

The following process change is in effect for the duration of time until WG11 is able to hold face-to-face meetings:

(a) “Task Group (TG), Study Group (SG) and Standing Committee (SC) motions may be held during teleconference meetings.

(b) TG/SG/SC teleconference meetings that will consider motions shall be approved by the WG Chair, and if approved, meetings and draft motions announced to the TG and WG11 reflectors 10 days prior to the meeting.

(c) If a motion is not approved by unanimous consent, it shall be taken as a roll call [recorded] vote.

This change is NOT applicable to a TG operating under the accelerated process or as an IEEE-SA Ballot Comment Resolution Committee.

Implementation:

As a default, TG/SG/SC teleconferences during which motions are held will be scheduled at or near 9am Eastern (6AM Pacific, 2PM London, 9PM Beijing, 6:30PM Delhi). The goal being that teleconferences in which motions are held are not 11pm-6am for the majority of members.”