IEEE P802.11  
Wireless LANs

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| TGbe 2020 November to 2021 January teleconference agendas | | | | | |
| Date: 2020-12-01 | | | | | |
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Abstract

This document contains the draft agenda for November 2020 to January 2021 TGbe teleconferences.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1-2: Updated telco schedule accounting for feedback received from the group during the Joint conf call.
* Rev 3: Added agendas for the first and second conf call, and populated the queues, inheriting backlogged presentations from the previous agenda.
* Rev 4-6: Added some additional received submissions and upates after 1st conf call.
* Rev 7: Added agendas for the third conf call. Please note that PHY call is cancelled.
* Rev 8: Added agenda for the fourth conf call, including new submission requests.
* Rev 9: Updated with status after the end of the fourth conf call (end of plenary).
* Rev 10-11: Added agendas for fifth and sixth conf calls, including new submission requests.
* Rev 12: Added agendas for seventh and eight conf calls, including new submission requests.
* Rev 13-16: Added agenda for the ninth conf call, including new submission requests.
* Rev 17: Updated agendas after end of ninth conf calls.
* Rev 18-19: Added agendas for 10th and 11th conf calls, including new submission requests.
* Rev 20-21: Updated 11th conf call agenda, added agenda for 12th conf call, and new submissions.
* Rev 22-27: Added agendas for 13th,14th, and 15th conf calls, including new submission requests.
* Rev 28-30: Added agendas for the 16th and 17th conf calls, including new submission requests.
* Rev 31-35: Added agenda for 18th conf call and updated agenda for 17th conf call.
* Rev 36: Updated after 18th conf calls.
* Rev 37: Updated agendas for 19th and 20th conf calls.

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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 21 teleconferences up to January 07th for discussing technical presentations:

## Teleconferences Plan for September to November

* **Nov 2 Monday – MAC/PHY 19:00-21:00 ET**
* **Nov 4 Wednesday – Joint (Motions) 09:00-11:00 ET**
* **Nov 5 Thursday – MAC/PHY 09:00-11:00 ET**
* **Nov 9 Monday – Joint (Motions) 09:00-11:00 ET**
* **Nov 11 Wednesday – Joint 10:00-12:00 ET**
* **Nov 12 Thursday – MAC/PHY 10:00-12:00 ET**
* **Nov 16 Monday – MAC/PHY 10:00-12:00 ET**
* **Nov 18 Wednesday – Joint (Motions) 10:00-12:00 ET**
* **Nov 19 Thursday – MAC/PHY 19:00-22:00 ET**
* **Nov 23 Monday – No Conf Call Thanksgiving**
* **Nov 25 Wednesday – No Conf Call Thanksgiving**
* **Nov 26 Thursday – No Conf Call Thanksgiving**
* **Nov 30 Monday – MAC/PHY 19:00-22:00 ET**
* **Dec 02 Wednesday – Joint (Motions) 10:00-12:00 ET**
* **Dec 03 Thursday – MAC/PHY 10:00-12:00 ET**
* **Dec 07 Monday – MAC/PHY 10:00-12:00 ET**
* **Dec 09 Wednesday – Joint 10:00-12:00 ET**
* **Dec 10 Thursday – MAC/PHY 19:00-22:00 ET**
* **Dec 14 Monday – MAC/PHY 19:00-22:00 ET**
* **Dec 16 Wednesday – Joint (Motions) 10:00-12:00 ET**
* **Dec 17 Thursday – MAC/PHY 10:00-12:00 ET**
* **Dec 21 Monday – No Conf Call Holiday**
* **Dec 23 Wednesday – No Conf Call Holiday**
* **Dec 24 Thursday – No Conf Call Holiday**
* **Dec 28 Monday – No Conf Call Holiday**
* **Dec 30 Wednesday – No Conf Call Holiday**
* **Dec 31 Thursday – No Conf Call Holiday**
* **Jan 04 Monday – MAC/PHY 19:00-22:00 ET**
* **Jan 06 Wednesday – Joint (Motions) 10:00-12:00 ET**
* **Jan 07 Thursday – MAC/PHY 10:00-12:00 ET**

**We’ll use the following bridges:**

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

## Deferred SPs List

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| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [992r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-04-00be-mlo-optional-mandatory.pptx) | MLO optional mandatory | Laurent Cariou | Done | ML-General | MAC |
| [1140r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1140-03-00be-ecsa-for-multi-link-operation.pptx) | eCSA for multi link operation | Laurent Cariou | Done | ML-Mgmt. | MAC |
| [1122r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-03-00be-802-11be-architecture-association-discussion.pptx) | 802.11be Architecture/Association Discussion | Joseph Levy | 4 SPs (deferred) | ML-General | MAC |
| [1358r5](https://mentor.ieee.org/802.11/dcn/19/11-19-1358-05-00be-multi-link-operation-management.pptx) | Multi-link Operation Management | Yongho Seok | Done | ML-Mgmt. | MAC |
| [680r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0680-02-00be-operating-bandwidth-indication-for-eht-bss.pptx) | Operating Bandwidth Indication for EHT BSS | Guogang Huang | Done | MAC-General | MAC |
| [702r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0702-01-00be-fragmentation-in-mlo.pptx) | Fragmentation in MLO | Abhishek Patil | Done | ML-Operation | MAC |
| [586r9](https://mentor.ieee.org/802.11/dcn/20/11-20-0586-09-00be-mlo-signaling-of-critical-updates.pptx) | MLO: Signaling of critical updates | Abhishek Patil | Done | ML-Mgmt | MAC |
| [903r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-01-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) | Multi-link Group Addressed Data Frame Delivery Follow up | Po-Kai Huang | Done | ML-General | MAC |
| [1052r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-01-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) | EHT operating parameter update | Liwen Chu | Done | MAC-General | MAC |
| [593r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-01-00be-eht-bss-follow-up-eht-bw-nss-mcs-and-he-bw-nss-mcs.pptx) | EHT BSS Op.-EHT BW Nss MCS and HE BW Nss MCS | Liwen Chu | Done | MAC-General | MAC |
| [1115r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-04-00be-mld-ap-power-saving-ps-considerations.pptx) | MLD AP Power-saving (PS) Considerations | Jay Yang | Done | ML-Power Save | MAC |
| [508r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0508-02-00be-mlo-reachability-problem.pptx) | MLO: Reachability Problem | Abhishek Patil | 1 SP  (deferred) | ML-Mgmt | MAC |
| [974r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-02-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx) | Channel Access for STR AP MLD with non-STR non-AP MLD | Liangxiao Xin | Done | ML-Constrained ops | MAC |
|  |  |  |  |  |  |
| [760r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0760-02-00be-multi-link-sm-power-save-mode.pptx) | Multi Link SM Power Save Mode | Jason Yuchen Guo | Done | ML-Power Save | MAC |
| [761r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0761-02-00be-multi-link-group-addressed-frame-delivery-for-non-str-mld.pptx) | Multi Link Group Addressed Frame delivery for non-STR MLD | Jason Yuchen Guo | Done | ML-Constrained ops | MAC |
| [1067r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-07-00be-traffic-indication-of-latency-sensitive-application.pptx) | Traffic indication of latency sensitive application | Frank Hsu | Done | Low Latency | MAC |
| [1312r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1312-03-00be-triggered-su-ppdu-for-11ber1.pptx) | Triggered SU PPDU for 11be R1 | Dibakar Das | Done | MAC General | MAC |
| [1046r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-08-00be-prioritized-edca-channel-access-slot-management.pptx) | Prioritized EDCA channel access - slot management | Chunyu Hu | Done | Low Latency | MAC |
| [1062r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1062-04-00be-error-recovery-for-non-str-mld.pptx) | Error recovery for non-STR MLD | Yunbo Li | Done | ML-Constrained ops | MAC |
| [1140r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1140-06-00be-ecsa-for-multi-link-operation.pptx) | eCSA for multi link operation | Laurent Cariou | Done | ML-Mgmt. | MAC |
| [387r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0387-04-00be-multi-link-setup-follow-up-ii.pptx) | Multi-link setup follow up II | Po-Kai Huang | Done | ML-Mgmt. | MAC |
| [462r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0462-01-00be-11be-ba-indication.pptx) | 11be BA Indication | Po-Kai Huang | Done | MAC-Block Ack | MAC |
| [902r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0902-02-00be-group-addressed-frames-delivery-for-mlo-follow-up.pptx) | Group addressed frames delivery for MLO follow up | Ming Gan | Done | ML-Operation | MAC |
| [~~613r2~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0613-02-00be-ap-assisted-non-str-behavior.pptx) | ~~AP assisted Non-STR behavior~~ | ~~Ming Gan~~ | ~~Merged~~ | ~~ML-Constrained ops~~ | ~~MAC~~ |
| [1312r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1312-03-00be-triggered-su-ppdu-for-11ber1.pptx) | Triggered SU PPDU for 11be R1 | Dibakar Das | Done | MAC General | MAC |
| [1009r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-04-00be-multi-link-hidden-terminal-followup.pptx) | Multi-link hidden terminal-followup | Dibakar Das | Done | ML-Constrained ops | MAC |
| [992r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-06-00be-mlo-optional-mandatory.pptx) | MLO optional mandatory | Laurent Cariou | 1 SP | ML-General | MAC |
| [903r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-06-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) | Multi-link Group Addressed Data Frame Delivery Follow up | Po-Kai Huang | 2 SPs | ML-General | MAC |
| [689r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0689-02-00be-single-sta-trigger.pptx) | Single STA Trigger | Young Hoon Kwon | 1 SP | ML-Constrained ops | MAC |
| [1046r11](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-11-00be-prioritized-edca-channel-access-slot-management.pptx) | Prioritized EDCA channel access - slot management | Chunyu Hu | 2 SPs | Low Latency | MAC |
| [702r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0702-03-00be-fragmentation-in-mlo.pptx) | Fragmentation in MLO | Abhishek Patil | 2 SPs | ML-Operation | MAC |
|  | | | | | |
| [828r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0828-07-00be-ru-allocation-subfield-design-for-eht-trigger-frame.pptx) | RU Allocation Subfield Design for EHT Trigger Frame | Myeongjin Kim | Done | Trigger | PHY |
| [1672r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1672-00-00be-ul-beamforming-for-tb-ppdus.pptx) | UL Beamforming for TB PPDUs | Shimi Shilo | SPs  (deferred) | General | PHY |
| [~~1066r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1066-01-00be-4x-eht-ltf-sequence.pptx) | ~~4x EHT-LTF Sequence~~ | ~~Jinyoung Chun~~ | ~~Removed~~ | ~~Preamble~~ | ~~PHY~~ |
| [1703r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1703-00-00be-backward-compatible-trigger-frame-ru-allocation-table.pptx) | Trigger frame RU allocation Table | Steve Shellhammer | Run SPs in Joint | Trigger | PHY |
| [1317r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-02-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) | SIG contents discussion for EHT sounding NDP | Ross Jian Yu | Done | Preamble | PHY |
| [1375r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-03-00be-eht-nltf-design.pptx) | EHT NLTF Design | Rui Cao | Done | Preamble | PHY |
| [1161r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-01-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) | EHT Punctured NDP and Partial Bandwidth feedback | Bin Tian | Done | General | PHY |
| [1441r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-05-00be-ru-restriction-for-20mhz-operation.pptx) | RU Restriction for 20MHz Operation | Eunsung Park | Done | General | PHY |

## Back-Logged Technical Presentations’ List

* 0 + 3 (deferred) submissions in the Joint queue
* 8 + 8 (deferred) submissions in the MAC queue
* 0 + 1 (deferred) submissions in the PHY queue

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| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [~~1036r5~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1036-05-00be-terminology-for-soft-ap-mld.pptx) | ~~Terminology for Soft AP MLD~~ | ~~Jinjing Jiang~~ | ~~Moved to MAC~~ | ~~General~~ | ~~Joint~~ |
| [1247r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1247-01-00be-virtual-bss-for-multi-ap-coordination.pptx) | Virtual bss for multi ap coodination | Jay Yang | Deferred | MAP-General | Joint |
| [1399r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1399-01-00be-on-joint-c-sr-and-c-ofdma-m-ap-transmission.pptx) | On Joint C-SR and C-OFDMA M-AP TX | Rui Yang | Deferred | MAP-General | Joint |
| [1436r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1436-04-00be-ndpa-and-mimo-control-field-design-for-eht.pptx) | NDPA and MIMO Control Field Design for EHT | Sameer Vermani | Presented | Sounding | Joint |
| [1040r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1040-01-00be-coordinated-sr-for-uplink.pptx) | Coordinated SR for Uplink | Jonghun Han | Deferred | MAP-SR | Joint |
| ~~1469r0~~ | ~~EHT sounding discussion~~ | ~~Liwen Chu~~ | ~~No Link~~ | ~~Sounding~~ | ~~Joint~~ |
| [1643r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1643-01-00be-implicit-sounding-performance.pptx) | Implicit Sounding Performance | Oren Kedem | Presented | Sounding | Joint |
| [1669r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1669-02-00be-spatial-stream-allocation-in-trigger-frames.pptx) | Spatial-stream-allocation-in-trigger-frames | Mengshi Hu | Presented | Trigger | Joint |
| [1685r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1685-00-00be-ul-length-indication-in-trigger-frame.pptx) | UL length indication in trigger frame | Ross Jian Yu | Presented | Trigger | Joint |
| [1713r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1713-01-00be-multi-ap-coordination-recap-and-additional-considerations.pptx) | Multi-AP Coordination:Recap and Additional Considerations | Muhammad S. J. Solaija | Presented | MAP-General | Joint |
| End of Joint Queue | | | | | |
| [1044r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1044-00-00be-mlo-tid-to-link-mapping-negotiation.pptx) | MLO: TID-to-link mapping negotiation | Abhishek Patil | Pending | ML-Mgmt.- | MAC |
| [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) | Proposals on AMPDU-BA mechanisms | Sindhu Verma | Deferred | MAC-Block Ack- | MAC |
| [968r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0968-00-00be-multi-link-rts-cts-operations-with-non-str-sta-mld.pptx) | Multi-link RTS-CTS operations with non-STR STA MLD | Ronny Y. Kim | Presented | ML-Constr. ops | MAC |
| [527r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-01-00be-multi-link-constraint-signaling.pptx) | Multi-link Constraint Signaling | Yongho Seok | Deferred | ML-Constr. ops | MAC |
| [1036r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1036-05-00be-terminology-for-soft-ap-mld.pptx) | Terminology for Soft AP MLD | Jinjing Jiang | Deferred | ML-General- | MAC |
| ~~1056r0~~ | ~~Peer to Peer ESR STA MLD and ESR AP MLD~~ | ~~Liwen Chu~~ | ~~No Link~~ | ~~ML-Constr. ops~~ | ~~MAC~~ |
| [1062r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1062-00-00be-error-recovery-for-non-str-mld.pptx) | Error recovery for non-STR MLD | Yunbo Li | Presented | ML-Constr. ops | MAC |
| [1085r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-04-00be-str-capability-signaling.pptx) | STR-Capability-Signaling | Dibakar Das | Presented | ML-Constr. ops | MAC |
| [1131r2](https://mentor.ieee.org/802.11/dcn/19/11-19-1131-02-00be-consideration-on-harq-unit.pptx) | Multi link reference model discussion | Yonggang Fang | Deferred | ML-General | MAC |
| [1148r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1148-00-00be-discussion-on-mld-architecture.pptx) | Discussion on MLD architecture | Po-Kai Huang | Deferred | ML-General | MAC |
| [1156r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-01-00be-contention-window-value-management-for-str-mld.pptx) | Contention Window Value Management for STR MLD | Sanghyun Kim | Presented | ML-Med Access- | MAC |
| [1171r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1171-01-00be-multi-link-ap-network-reference-model-discussion.pptx) | Multi-link ap network reference model discussion | Yonggang Fang | Deferred | ML-General | MAC |
| [1220r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1220-00-00be-str-and-non-str-capability-indication.pptx) | STR and non-STR capability indication | Yonggang Fang | Deferred | ML-Constr. ops | MAC |
| [1221r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1221-00-00be-multi-link-channel-access-for-non-str-mld.pptx) | Multi-link channel access for non-STR links | Yonggang Fang | Deferred | ML-Constr. ops | MAC |
| [1263r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1263-01-00be-non-str-blindness-rules-discussion.pptx) | Non-STR Blindness Rules Discussion | Sharan Naribole | Presented | ML-Constr. ops | MAC |
| [1312r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1312-00-00be-triggered-su-ppdu-for-11ber1.pptx) | Triggered SU PPDU for 11be R1 | Dibakar Das | Presented | MAC-General | MAC |
| [1350r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-02-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) | Enhancements for QoS and low latency in 802.11be R1 | Dave Cavalcanti | Presented | Low-Latency- | MAC |
| [1365r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1365-00-00be-further-discussion-about-blindness-for-non-str-mld.pptx) | Further Discussion about Blindness for non-STR MLD | Yunbo Li | Presented | ML-Constr. ops | MAC |
| [1388r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1388-00-00be-bandwidth-indication-of-larger-than-160mhz-for-rts-and-cts.pptx) | Bandwidth indication of larger than 160MHz for RTS and CTS | Yunbo Li | Presented | MAC-Protection- | MAC |
| [1424r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1424-01-00be-abbreviation-and-definitions-related-to-str.pptx) | Abbreviation and Definitions related to STR | Yunbo Li | Presented | ML-General- | MAC |
| 1456r0 | Error Recovery in Synchronous Multiple Frame Transmission | Yongho Seok | Pending | ML-General- | MAC |
| ~~1457r0~~ | ~~Multi-link Contention-based Admission Control~~ | ~~Yongho Seok~~ | ~~No Link~~ | ~~Low Latency-~~ | ~~MAC~~ |
| ~~1459r0~~ | ~~EHT MU-RTS and CTS frame exchange~~ | ~~Yongho Seok~~ | ~~No Link~~ | ~~MAC-Protection-~~ | ~~MAC~~ |
| [1540r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1540-00-00be-proposals-for-an-nstr-soft-ap.pptx) | Proposals for an NSTR soft AP | Shubhodeep Adhikari | Pending | ML-General- | MAC |
| [1545r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1545-00-00be-mld-security-considerations.pptx) | MLD security considerations | Gaurav Patwardhan | Presented | ML-Operation | MAC |
| [1554r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1554-00-00be-ml-reconfiguration.pptx) | ML reconfiguration | Payam Torab | Pending | ML-Mgmt.- | MAC |
| [1576r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1576-00-00be-multilink-management-for-non-str-soft-ap.pptx) | Multilink Management for Non-STR Soft AP | Ronny Yongho Kim | Pending | ML-Mgmt.- | MAC |
| [1476r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1476-00-00be-considerations-on-the-recovery-procedure-in-synchronous-ml-operation.pptx) | Considerations on the Recovery Procedure in Synchronous ML Operation | Hanseul Hong | Presented | ML-Med Access- | MAC |
| [1551r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1551-00-00be-tid-to-link-mapping-negotiation.pptx) | TID-to-Link-Mapping-Negotiation | Guogang Huang | Pending | ML-Mgmt.- | MAC |
| [1534r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1534-00-00be-discussion-on-multi-link-setup.pptx) | Discussion-on-multi-link-setup | Guogang Huang | Pending | ML-Mgmt.- | MAC |
| [1670r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-01-00be-low-latency-resource-agreements.pptx) | Low-latency-resource-agreements | Jonas Sedin | Pending | Low Latency- | MAC |
| [902r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0902-01-00be-group-addressed-frames-delivery-for-mlo-follow-up.pptx) | Group addressed frames delivery for MLO follow up | Ming Gan | Presented | ML-Operation | MAC |
| [1124r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1124-00-00be-ml-element-design.pptx) | ML element design | Ming Gan | Pending | ML-Mgmt.- | MAC |
| [1693r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1693-00-00be-tspec-lite.pptx) | TSPEC-lite | Duncan Ho | Presented | Low Latency- | MAC |
| [1692r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1692-01-00be-tdls-handling-in-mlo.pptx) | TDLS handling in MLO | Abhishek Patil | Presented | ML-Operation | MAC |
| End of MAC Queue | | | | | |
| [1565r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1565-00-00be-mu-mimo-in-320mhz-bw-with-reduced-overhead.pptx) | MU-MIMO in 320MHz BW with Reduced Overhead | Oded Redlich | Deferred | MU MIMO | PHY |
| [1700r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1700-01-00be-dual-carrier-index-modulation.pptx) | Dual-Carrier Index Modulation | Ali Dogukan | Presented | General | PHY |
| End of PHY Queue | | | | | |

## New Technical Presentations’ List

* 0 submissions in the Joint queue
* 23 submissions in the MAC queue
* 0 submission in the PHY queue

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [1747r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1747-00-00be-eht-ndpa-partial-bw-info-design.pptx) | EHT NDPA Partial BW Info Design | Rui Cao | Presented | Sounding | Joint |
| [1469r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1469-00-00be-eht-sounding-discussion.pptx) | EHT sounding discussion | Liwen Chu | Presented | Sounding | Joint |
| [1015r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-05-00be-eht-ndpa-frame-design-discussion.pptx) | EHT NDPA Frame Design Discussion | Ross Jian Yu | Presented | Sounding | Joint |
| Requests Received after the Call For Submissions of November | | | | | |
| [1814r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1814-00-00be-partial-bw-info-field-design-in-ndpa.pptx) | Partial BW Info Field Design in NDPA | Eunsung Park | Presented | Sounding | Joint |
| [1808r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1808-00-00be-backward-compatible-eht-trigger-frame-follow-up.pptx) | Backward compatible eht trigger frame-follow up | Ming Gan | Presented | Trigger | Joint |
| [1911r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1911-00-00be-ul-bw-subfield-design-in-trigger-frame.pptx) | UL BW subfield design in Trigger frame | Jinyoung Chun | Presented | Trigger | Joint |
| [1927r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1927-00-00be-clean-ul-bw-signaling-in-enhanced-trigger-frame.pptx) | Clean UL BW signaling in Enhanced Trigger frame | Lei Huang | Presented | Trigger | Joint |
| End of Joint Queue | | | | | |
| [1737r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1737-01-00be-solicited-method-for-critical-update-in-multi-link.pptx) | Solicited method for critical update in multi-link | Namyeong Kim | Pending | ML Mgmt. | MAC |
| [1738r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1738-00-00be-signaling-of-beacon-interval-for-ap-mld.pptx) | Signaling of Beacon Interval for AP MLD | Insun Jang | Pending | ML Mgmt. | MAC |
| [1691r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1691-00-00be-txop-rules-to-reduce-worst-case-latency.pptx) | TXOP rules to reduce worst-case latency | Thomas Handte | Pending | Low Latency | MAC |
| [1780r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1780-00-00be-reduced-blockack.pptx) | Reduced-BlockAck | Sanghyun Kim | Pending | MAC-Block Ack | MAC |
| 1841r0 | Performance Study of MLO TID Mapping Configurations | Morteza Mehrnoush | Pending | ML Mgmt. | MAC |
| [1852r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1852-00-00be-discussion-on-low-latency-traffic.pptx) | Discussion on low latency traffic | Boyce Bo Yang | Pending | Low Latency | MAC |
| 1856r0 | TWT for Low Latency Traffic | Muhammad Kumail Haider | Pending | Low Latency | MAC |
| 1858r0 | Channel access rules for NSTR AP MLD | Hanseul Hong | Pending | ML General | MAC |
| Requests Received after the Call For Submissions of November | | | | | |
| [1108r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1108-00-00be-mlo-probe-mechanism.pptx) | MLO-Probe-Mechanism | Ming Gan | Pending | ML Mgmt. | MAC |
| [1680r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1680-00-00be-twt-for-mld.pptx) | TWT-for-MLD | Ming Gan | Pending | ML General | MAC |
| 1860r0 | MLO TID-to-link mapping: Operation | Payam Torab | Pending | ML-Mgmt. | MAC |
| [1862r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1862-00-00be-complete-bss-update-report-indication.pptx) | Complete BSS Update Report Indication | Pooya Monajemi | Pending | MAC General | MAC |
| [1538r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1583-01-00be-mu-rts-to-sst-stas.pptx) | MU-RTS to SST STAs | Jarkko Kneckt | Pending | MAC General | MAC |
| [1889r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1889-00-00be-mla-clarifications-for-emlsr.pptx) | MLA: Clarifications for eMLSR | Duncan Ho | Pending | ML Power Save | MAC |
| [1890r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1890-00-00be-reconsideration-on-sta-mac-address-of-non-ap-mld.pptx) | Reconsideration on STA MAC Address of Non-AP MLD | Guogang Huang | Pending | ML Operation | MAC |
| [1892r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1892-00-00be-estimation-of-link-reachability.pptx) | Estimation of link reachability | Guogang Huang | Pending | ML Operation | MAC |
| [1897r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1897-00-00be-obss-edca-parameter-sets-for-rta.pptx) | OBSS EDCA Parameter Sets for RTA | Evgeny Khorov | Pending | Low Latency | MAC |
| [1902r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1902-00-00be-uora-enhancements-to-address-rta.pptx) | UORA Enhancements to address RTA | Oren Kedem | Pending | Low Latency | MAC |
| [1843r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1843-01-00be-low-latency-triggered-twt.pptx) | Low-Latency Triggered TWT | Patrice NEZOU | Pending | Low Latency | MAC |
| 1929r0 | Protection of QoS periods | Gaurav Patwardhan | Pending | MAC-Protection | MAC |
| [1938r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1938-00-00be-tb-su-ppdu-and-tb-p2p-ppdu-consideration.pptx) | TB SU PPDU and TB P2P PPDU Consideration | Jay Yang | Pending | MAC-General | MAC |
| 1871r0 | BSS parameter critical update follow up | Ming Gan | Pending | ML-General | MAC |
| [1903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1903-00-00be-random-access-for-11be.pptx) | Random Access for 11be | Pascal Viger | Pending | MAC-General | MAC |
| End of MAC Queue | | | | | |
| [1829r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1829-00-00be-reserved-bit-behavior-for-eht.pptx) | Reserved Bit Behavior for EHT | Sameer Vermani | Presented | SIG | PHY |
| [1807r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1807-00-00be-eht-beamformee-ndp-and-partial-bw-feedback-support.pptx) | EHT beamformee NDP and partial BW feedback support | Rui Cao | Presented | Sounding | PHY |
| [1842r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1842-00-00be-duplication-in-time-domain-for-lpi.pptx) | Duplication in time domain for LPI | Yan Xin | Presented | General | PHY |
| [1845r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1845-00-00be-ru-allocation-subfield-design-for-eht-trigger-frame-follow-up.pptx) | RU Allocation Subfield Design for EHT Trigger Frame Follow up | Myeongjin Kim | Presented | Trigger | PHY |
| [1847r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1847-00-00be-eht-ppe-thresholds-field.pptx) | EHT PPE Thresholds Field | Mengshi Hu | Presented | General | PHY |
| [1857r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1857-00-00be-update-on-eht-partial-bw-feedback-tone-indices-table.pptx) | Update on EHT Partial BW Feedback Tone Indices Table | Alice Chen | Presented | Sounding | PHY |
| [1879r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1879-00-00be-mu-mimo-over-mcs15.pptx) | MU-MIMO over MCS15 | Ron Porat | Presented | MU MIMO | PHY |
| [1880r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1880-00-00be-sr-field-in-tb-ppdu.pptx) | SR field in TB PPDU | Ron Porat | Presented | General | PHY |
| [1896r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1896-00-00be-two-los-for-320-mhz-transmission.pptx) | Two LOs for 320 MHz Transmission | Ross Jian Yu | Presented | General | PHY |
| [1954r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1954-03-00be-11be-spectral-flatness-requirements.pptx) | 11be Spectral Flatness Requirements | Lin Yang | Deferred | General | PHY |
| End of PHY Queue | | | | | |

## Order of Topics

### Joint

* Trigger (**0**), Sounding (**0**), Multi-RU (**0**), General (**0**), MAP-General (**3**), MAP-SR (**1**), MAP-Protection (0), HARQ (0), MAP-TDMA (0), Low Lat (0), MAP-MU MIMO (0) MAP-CBF (0)**.**

### MAC

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

### PHY

* SIG (**0**), Preamble (**0**), MU-MIMO (**0**), Puncturing (**0**), Multi-RU (**0**), 4K-QAM (**0**), Channelization (**0**), General (**0)**.

## Proposed Draft Text List

* 0 submissions in the Joint queue
* 3 submissions in the MAC queue
* 2 submission in the PHY queue

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| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Type (# TBDs)** | **Session** |
| [1826r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1826-06-00be-pdt-joint-spatial-stream-and-mimo-protocol.docx) | Joint Spatial Stream and MIMO Protocol | Wook Bong Lee | Q4M | PDT | Joint |
| End of Joint Queue | | | | | |
| [1722r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1722-00-00be-mac-pdt-nsep-tbds.docx) | PDT for TBDs | Subir Das | Revisit | TBD (3) | MAC |
| [*1835r3*](https://mentor.ieee.org/802.11/dcn/20/11-20-1835-03-00be-pdt-mac-mlo-ml-element-common-format-and-types.docx) | *ML Element Common Format and Types* | *Rojan Chitrakar* | *Motioned* | *PDT* | *MAC* |
| [*1651r6*](https://mentor.ieee.org/802.11/dcn/20/11-20-1651-06-00be-pdt-tbds-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx) | *PDT MAC MLO – Discovery* | *Laurent Cariou* | *Motioned* | *TBD (4)* | *MAC* |
| [*1594r4*](https://mentor.ieee.org/802.11/dcn/20/11-20-1594-04-00be-mlo-critical-updates-indication-address-missing-details.docx) | *MLO critical updates indication – address missing details* | *Abhishek Patil* | *Motioned* | *PDT* | *MAC* |
| [1743r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1743-05-00be-pdt-tbd-mac-emlsr-operation.pptx) | PDT TBD MAC EMLSR Operation | Minyoung Park | Q4M | TBD (adds 2) | MAC |
| [*1881r0*](https://mentor.ieee.org/802.11/dcn/20/11-20-1881-00-00be-resolve-tbds-in-35-3-8.docx) | *Resolve TBDs in 35.3.8* | *Abhishek Patil* | *Motioned* | *TBD (2)* | *MAC* |
| [1910r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1910-02-00be-pdt-mac-mlo-start-time-sync.docx) | PDT-MAC-MLO-start-time-sync | Duncan Ho | Q4M | PDT | MAC |
| [1914r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1914-01-00be-mac-pdt-motion-112-sp-27.docx) | MAC-PDT-Motion-112\_SP-27 | Abhishek Patil | Q4M | PDT | MAC |
| [1924r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1924-05-00be-pdt-for-clarification-of-mld-association.docx) | PDT for clarification of MLD association | Po-Kai Huang | Q4M | PDT | MAC |
| [1957r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1957-00-00be-proposed-spec-text-for-eht-mac-and-mlo-intros.docx) | Proposed Spec Text for EHT MAC and MLO Intros | Carol Ansley | Revisit | PDT | MAC |
| [1727r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1727-00-00be-pdt-mac-mlo-6-3-x-nsep-priority-access.docx) | pdt-mac-mlo-6-3-x nsep-priority-access | Zhiqiang Han | Pending | PDT | MAC |
| End of MAC Queue | | | | | |
| [*1726r0*](https://mentor.ieee.org/802.11/dcn/20/11-20-1726-00-00be-pdt-phy-ppdu-formats-for-clause-36-1-4.docx) | *PPDU-Formats-for-clause-36.1.4* | *Dongguk Lim* | *Motioned* | *PDT* | *PHY* |
| [*1791r*](https://mentor.ieee.org/802.11/dcn/20/11-20-1791-05-00be-pdt-tbd-phy-modulation-accuracy.docx)*5* | *PHY Modulation Accuracy* | *Wook Bong Lee* | *Motioned* | *TBD (17)* | *PHY* |
| [*1792r0*](https://mentor.ieee.org/802.11/dcn/20/11-20-1792-00-00be-pdt-tbd-phy-frequency-tolerance.docx) | *PHY Frequency Tolerance* | *Wook Bong Lee* | *Motioned* | *TBD* | *PHY* |
| [*1793r0*](https://mentor.ieee.org/802.11/dcn/20/11-20-1793-00-00be-pdt-tbd-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx) | *PHY RX spec.: General and RX minimum input sensitivity and channel rejection* | *Wook Bong Lee* | *Motioned* | *TBD (9)* | *PHY* |
| [*1796r3*](https://mentor.ieee.org/802.11/dcn/20/11-20-1796-03-00be-pdt-phy-cyclic-shift.docx) | *PDT PHY Cyclic Shift* | *Wook Bong Lee* | *Motioned* | *PDT* | *PHY* |
| [*1766r1*](https://mentor.ieee.org/802.11/dcn/20/11-20-1766-01-00be-pdt-cca-sensitivity.docx) | *CCA sensitivity* | *Lin Yang* | *Motioned* | *PDT* | *PHY* |
| [*1803r3*](https://mentor.ieee.org/802.11/dcn/20/11-20-1803-03-00be-pdt-phy-ru-mru-restrictions-for-20-mhz-operation.docx) | *RU/MRU Restrictions for 20MHz Operation* | *Eunsung Park* | *Motioned* | *PDT* | *PHY* |
| [*1783r3*](https://mentor.ieee.org/802.11/dcn/20/11-20-1783-03-00be-update-on-pdt-phy-introduction-to-eht-phy.docx) | *Update on PDT-PHY-Introduction-to-EHT-PHY* | *Bin Tian* | *Motioned* | *PDT* | *PHY* |
| [*1836r0*](https://mentor.ieee.org/802.11/dcn/20/11-20-1836-00-00be-pdt-phy-tx-procedure.docx) | *PDT-PHY-Tx-Procedure* | *Xiaogang Chen* | *Motioned* | *PDT* | *PHY* |
| [*1837r2*](https://mentor.ieee.org/802.11/dcn/20/11-20-1837-02-00be-pdt-phy-rx-procedure.docx) | *PDT-PHY-Rx-Procedure* | *Xiaogang Chen* | *Motioned* | *PDT* | *PHY* |
| [*1479r4*](https://mentor.ieee.org/802.11/dcn/20/11-20-1479-04-00be-pdt-phy-t-block.docx) | *PDT-PHY-T\_block* | *Xiaogang Chen* | *Motioned* | *PDT* | *PHY* |
| [*1462r4*](https://mentor.ieee.org/802.11/dcn/20/11-20-1462-04-00be-pdt-phy-tx-mask.docx) | *PDT-PHY-Tx-Mask* | *Xiaogang Chen* | *Motioned* | *PDT* | *PHY* |
| [*1865r0*](https://mentor.ieee.org/802.11/dcn/20/11-20-1865-01-00be-pdt-phy-update-to-mu-mimo.docx) | *PDT PHY Update to MU-MIMO* | *Sameer Vermani* | *Motioned* | *TBD (2)* | *PHY* |
| [*1873r0*](https://mentor.ieee.org/802.11/dcn/20/11-20-1873-00-00be-pdt-phy-txtime-and-psdu-length-calculation.docx) | *PDT PHY TXTIME and PSDU LENGTH Calculation* | *Youhan Kim* | *Motioned* | *TBD (2)* | *PHY* |
| [*1876r5*](https://mentor.ieee.org/802.11/dcn/20/11-20-1876-05-00be-update-on-pdt-phy-pilot.docx) | *Update on PDT-PHY-Pilot* | *Jinyoung Chun* | *Motioned* | *TBD (0)* | *PHY* |
| [*1867r1*](https://mentor.ieee.org/802.11/dcn/20/11-20-1867-01-00be-pdt-phy-non-ht-duplicate-transmission.docx) | *PDT-PHY-non-HT-duplicate-transmission* | *Rui Cao* | *Motioned* | *PDT* | *PHY* |
| [*1868r3*](https://mentor.ieee.org/802.11/dcn/20/11-20-1868-03-00be-pdt-phy-ofdm-modulation.docx) | *PDT-PHY-OFDM-modulation* | *Rui Cao* | *Motioned* | *PDT* | *PHY* |
| [*1875r2*](https://mentor.ieee.org/802.11/dcn/20/11-20-1875-02-00be-pdt-phy-update-to-preamble-u-sig.docx) | *PDT PHY Update to Preamble U-SIG* | *Sameer Vermani* | *Motioned* | *PDT* | *PHY* |
| [*1878r1*](https://mentor.ieee.org/802.11/dcn/20/11-20-1878-01-00be-pdt-phy-update-to-eht-sounding-ndp.docx) | *PDT PHY Update to EHT Sounding NDP* | *Sameer Vermani* | *Motioned* | *PDT* | *PHY* |
| [*1882r3*](https://mentor.ieee.org/802.11/dcn/20/11-20-1882-03-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx) | *Overview of the PPDU Encoding Process* | *Youhan Kim* | *Motioned* | *TBD (5)* | *PHY* |
| [*1884r0*](https://mentor.ieee.org/802.11/dcn/20/11-20-1884-00-00be-pdt-phy-stream-parser.docx) | *Stream Parser* | *Youhan Kim* | *Motioned* | *PDT* | *PHY* |
| [*1883r1*](https://mentor.ieee.org/802.11/dcn/20/11-20-1883-01-00be-pdt-eht-ppdu-format-update.docx) | *PHY-EHT-PPDU-Format-Update* | *Dongguk Lim* | *Motioned* | *TBD (1)* | *PHY* |
| [*1885r0*](https://mentor.ieee.org/802.11/dcn/20/11-20-1885-00-00be-pdt-eht-preamble-l-stf-l-ltf-and-l-sig-update.docx) | *HT-Preamble-L-STF,L-LTF, and L-SIG-Update* | *Dongguk Lim* | *Motioned* | *TBD (2)* | *PHY* |
| [*1495r6*](https://mentor.ieee.org/802.11/dcn/20/11-20-1495-06-00be-pdt-of-eht-ltf-sequences.docx) | *PDT of EHT LTF sequences* | *Chenchen Liu* | *Motioned* | *PDT (adds 5 TBD)* | *PHY* |
| [*1888r2*](https://mentor.ieee.org/802.11/dcn/20/11-20-1888-02-00be-pdt-phy-removing-non-contiguous-ppdu.docx) | *PHY-removing-non-contiguous-PPDU* | *Rui Cao* | *Motioned* | *TBD (>150)* | *PHY* |
| [1337r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1337-06-00be-pdt-phy-mathematical-description-of-signals.docx) | PDT-PHY-Mathematical description of signals | Yan Zhang | Q4M | TBD (6) | PHY |
| [1339r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-07-00be-pdt-phy-data-field-coding.docx) | PDT-PHY-Coding | Yan Zhang | Q4M | TBD (25) | PHY |
| [1340r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-03-00be-pdt-phy-packet-extension.docx) | PDT-PHY-Packet-Extension | Yan Zhang | Q4M | TBD (8) | PHY |
| [1925r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1925-06-00be-pdt-eht-preamble-eht-sig-follow-up.docx) | PDT-EHT-preamble-EHT-SIG follow-up | Ross Jian Yu | Q4M | TBD (56) | PHY |
| [1958r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1958-01-00be-pdt-phy-phase-noise-per-160mhz.docx) | PDT-PHY-Phase-Noise-Per-160MHz | Brian Hart | Revisit | TBD (2) | PHY |
| [1963r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1963-00-00be-resolve-some-phy-tbds-in-d0-2.docx) | Resolve some PHY TBDs in D0.2 | Bin Tian | Deferred | TBD (5) | PHY |
| [1340r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-05-00be-pdt-phy-packet-extension.docx) | PDT-PHY-Packet Extension | Yan Zhang | Revisit | TBD (16) | PHY |
| End of PHY Queue | | | | | |
| Q4M: Queued for Motion; | | | | | |

## Location and Number of TBDs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **D0.1** | **D0.2** | **D0.3** | **D0.4** | **D1.0** |
| **Clause 3** | 1 | 1 |  |  |  |
| **Clause 4** | 0 | 0 |  |  |  |
| **Clause 6** | 0 | 8 |  |  |  |
| **Clause 9** | 33 | 36 |  |  |  |
| **Clause 10** | 0 | 0 |  |  |  |
| **Clause 11** | 0 | 0 |  |  |  |
| **Clause 12** | 6 | 6 |  |  |  |
| **Clause 26** | 0 | 0 |  |  |  |
| **Clause 35** | 55 | 45 |  |  |  |
| **Clause 36** | 680 | 456 |  |  |  |

## Teleconference Agendas

### 1st Conf. Call: November 02 (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

* + **Patent, Participation 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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics** 
  + [~~828r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0828-00-00be-ru-allocation-subfield-design-for-eht-trigger-frame.pptx) ~~RU Allocation Subfield Design for EHT Trigger Frame Myeongjin Kim [SPs]~~
  + [~~1672r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1672-00-00be-ul-beamforming-for-tb-ppdus.pptx) ~~UL Beamforming for TB PPDUs Shimi Shilo [SPs]~~
  + [~~1066r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1066-01-00be-4x-eht-ltf-sequence.pptx) ~~4x EHT-LTF Sequence Jinyoung Chun [SPs]~~
  + [1703r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1703-00-00be-backward-compatible-trigger-frame-ru-allocation-table.pptx) Trigger frame RU allocation Table Steve Shellhammer[SPs]
  + [1317r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-02-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG contents discussion for EHT sounding NDP Ross Jian Yu [SPs]
  + [1375r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-03-00be-eht-nltf-design.pptx) EHT NLTF Design Rui Cao [SP6]
  + [1161r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-01-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial Bandwidth feedback Bin Tian [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1726r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1726-00-00be-pdt-phy-ppdu-formats-for-clause-36-1-4.docx) PPDU-Formats-for-clause-36.1.4 Dongguk Lim
* Technical Submissions:
  + [1700r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1700-01-00be-dual-carrier-index-modulation.pptx) Dual-Carrier Index Modulation Ali Dogukan
* AoB:
* Recess

### 1st Conf. Call: November 02 (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

* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [~~1122r3~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-03-00be-802-11be-architecture-association-discussion.pptx) ~~802.11be Architecture/Association Discussion Joseph Levy [4 SPs]~~
  + [992r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-04-00be-mlo-optional-mandatory.pptx) MLO optional mandatory Laurent Cariou [SP 2]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1722r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1722-00-00be-mac-pdt-nsep-tbds.docx) PDT for TBDs Subir Das
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [1312r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1312-00-00be-triggered-su-ppdu-for-11ber1.pptx) Triggered SU PPDU for 11be R1 Dibakar Das
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + [1730r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1730-01-00be-ul-sync-channel-access-procedure.pptx) UL Sync Channel Access Procedure Yongho Seok et. al. [1 SP]

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* + [968r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0968-00-00be-multi-link-rts-cts-operations-with-non-str-sta-mld.pptx) Multi-link RTS-CTS operations with non-STR STA MLD Ronny Y. Kim
  + [527r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-01-00be-multi-link-constraint-signaling.pptx) Multi-link Constraint Signaling Yongho Seok
  + ~~1056r0 Peer to Peer ESR STA MLD and ESR AP MLD Liwen Chu\*~~
  + [1062r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1062-00-00be-error-recovery-for-non-str-mld.pptx) Error recovery for non-STR MLD Yunbo Li
  + [1085r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-01-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das
  + [1263r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1263-00-00be-non-str-blindness-rules-discussion.pptx) Non-STR Blindness Rules Discussion Sharan Naribole
  + ~~1365r0 Further Discussion about Blindness for non-STR MLD Yunbo Li~~
* Technical Submissions: **ML-Operation [10 mins if SP only, 30 mins otherwise]**
  + ~~1545r0 MLD security considerations Gaurav Patwardhan\*~~
  + ~~902r0 Group addressed frames delivery for MLO follow up Ming Gan\*~~
  + ~~1692r0 TDLS handling in MLO Abhishek Patil\*~~
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + ~~1457r0 Multi-link Contention-based Admission Control Yongho Seok\*~~
  + [1670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-00-00be-low-latency-resource-agreements.pptx) Low-latency-resource-agreements Jonas Sedin
  + ~~1693r0 TSPEC-lite Duncan Ho\*~~
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1156r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-00-00be-contention-window-value-management-for-str-mld.pptx) Contention Window Value Management for STR MLD Sanghyun Kim
  + ~~1476r0 Considerations on the Recovery Proc. in Synchronous ML Op. Hanseul Hong\*~~
* Technical Submissions: **MAC-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + ~~1388r0 Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li\*~~
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Recess

### 2rd Conf. Call: November 04 (09:00–11:00 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

* + **Patent, Participation 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 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: None.
* Technical Submissions**-Sounding**
  + [1436r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1436-04-00be-ndpa-and-mimo-control-field-design-for-eht.pptx) NDPA and MIMO Control Field Design for EHT Sameer Vermani
  + ~~1469r0 EHT sounding discussion Liwen Chu\*~~
  + [1643r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1643-01-00be-implicit-sounding-performance.pptx) Implicit Sounding Performance Oren Kedem
  + Deferred SPs on Sounding (could move after motions item)
    - *None.*
* **Motions (concentrated within the second 60 mins of the call)**

* + [841r34](https://mentor.ieee.org/802.11/dcn/20/11-20-0841-34-00be-tgbe-motions-list-for-teleconferences.pptx) Motions list for teleconferences
* Technical Submissions**-Sounding**
  + [1436r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1436-04-00be-ndpa-and-mimo-control-field-design-for-eht.pptx) NDPA and MIMO Control Field Design for EHT Sameer Vermani [SPs]

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* + [1643r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1643-01-00be-implicit-sounding-performance.pptx) Implicit Sounding Performance Oren Kedem [Q&A/ SP]
* Technical Submissions**-Trigger**
  + [1669r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1669-02-00be-spatial-stream-allocation-in-trigger-frames.pptx) Spatial-stream-allocation-in-trigger-frames Mengshi Hu
  + [1685r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1685-00-00be-ul-length-indication-in-trigger-frame.pptx) UL length indication in trigger frame Ross Jian Yu
  + Deferred SPs on Trigger
    - *Pending Requests*

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB: None.
* Recess

### 3rd Conf. Call: November 05 (09:00–11:00 ET)–PHY

* **Cancelled**

### 3rd Conf. Call: November 05 (09:00–11:00 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

* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [992r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-05-00be-mlo-optional-mandatory.pptx) MLO optional mandatory Laurent Cariou [6 SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *Pending Requests.*
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + [1730r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1730-01-00be-ul-sync-channel-access-procedure.pptx) UL Sync Channel Access Procedure Yongho Seok et. al. [1 SP]
  + [968r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0968-00-00be-multi-link-rts-cts-operations-with-non-str-sta-mld.pptx) Multi-link RTS-CTS operations with non-STR STA MLD Ronny Y. Kim
  + [~~527r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-01-00be-multi-link-constraint-signaling.pptx) ~~Multi-link Constraint Signaling Yongho Seok~~
  + ~~1056r0 Peer to Peer ESR STA MLD and ESR AP MLD Liwen Chu\*~~
  + [1062r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1062-00-00be-error-recovery-for-non-str-mld.pptx) Error recovery for non-STR MLD Yunbo Li

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* + [1085r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-01-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das
  + [1263r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1263-00-00be-non-str-blindness-rules-discussion.pptx) Non-STR Blindness Rules Discussion Sharan Naribole
  + ~~1365r0 Further Discussion about Blindness for non-STR MLD Yunbo Li~~
* Technical Submissions: **ML-Operation [10 mins if SP only, 30 mins otherwise]**
  + ~~1545r0 MLD security considerations Gaurav Patwardhan\*~~
  + ~~902r0 Group addressed frames delivery for MLO follow up Ming Gan\*~~
  + ~~1692r0 TDLS handling in MLO Abhishek Patil\*~~
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + ~~1457r0 Multi-link Contention-based Admission Control Yongho Seok\*~~
  + [1670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-00-00be-low-latency-resource-agreements.pptx) Low-latency-resource-agreements Jonas Sedin
  + ~~1693r0 TSPEC-lite Duncan Ho\*~~
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1156r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-00-00be-contention-window-value-management-for-str-mld.pptx) Contention Window Value Management for STR MLD Sanghyun Kim
  + ~~1476r0 Considerations on the Recovery Proc. in Synchronous ML Op. Hanseul Hong\*~~
* Technical Submissions: **MAC-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + ~~1388r0 Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li\*~~
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 4th Conf. Call: November 09 (09:00–11:00 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

* + **Patent, Participation 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 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: None.
* Technical Submissions**-Sounding**
  + [1643r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1643-01-00be-implicit-sounding-performance.pptx) Implicit Sounding Performance Oren Kedem [Q&A+SP]
* Technical Submissions**-Trigger** (one or more submissions could move after motions)
  + [1669r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1669-02-00be-spatial-stream-allocation-in-trigger-frames.pptx) Spatial-stream-allocation-in-trigger-frames Mengshi Hu
  + [1685r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1685-00-00be-ul-length-indication-in-trigger-frame.pptx) UL length indication in trigger frame Ross Jian Yu
  + Deferred SPs on Trigger
    - 1429r2 [2 SPs]
* **Motions (concentrated within the second 60 mins of the call)**
  + [841r37](https://mentor.ieee.org/802.11/dcn/20/11-20-0841-37-00be-tgbe-motions-list-for-teleconferences.pptx) Motions list for teleconferences
* AoB:
  + Question of whether next meeting (Joint) will be kept. Plan is to keep it and cover some sounding presentations.
* Adjourn

### 5th Conf. Call: November 11 (10:00–12:00 ET)–JOINT

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

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

* + **Patent, Participation 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 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:
  + Expected delivery of D0.2 is first week of Dec’20.
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *None.*
* Technical Submissions**-Sounding**
  + [1747r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1747-00-00be-eht-ndpa-partial-bw-info-design.pptx) EHT NDPA Partial BW Info Design Rui Cao
  + [1469r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1469-00-00be-eht-sounding-discussion.pptx) EHT sounding discussion Liwen Chu
  + [1814r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1814-00-00be-partial-bw-info-field-design-in-ndpa.pptx) Partial BW Info Field Design in NDPA Eunsung Park
  + [1015r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-05-00be-eht-ndpa-frame-design-discussion.pptx) EHT NDPA Frame Design Discussion Ross Jian Yu
* Deferred SPs **on Trigger**
  + *None.*
* AoB: None.
* Adjourn

### 6th Conf. Call: November 12 (10:00–12:00 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

* + **Patent, Participation 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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [828r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0828-07-00be-ru-allocation-subfield-design-for-eht-trigger-frame.pptx) RU Allocation Subfield Design for EHT Trigger Frame Myeongjin Kim
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1791r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1791-01-00be-pdt-tbd-phy-modulation-accuracy.docx) PHY Modulation Accuracy Wook Bong Lee
  + [1792r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1792-00-00be-pdt-tbd-phy-frequency-tolerance.docx) PHY Frequency Tolerance Wook Bong Lee
  + [1793r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1793-00-00be-pdt-tbd-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx) General and RX min. input sensitivity and channel rejection Wook Bong Lee
  + [1796r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1796-00-00be-pdt-phy-cyclic-shift.docx) PDT PHY Cyclic Shift Wook Bong Lee
  + [1766r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1766-00-00be-pdt-cca-sensitivity.docx) CCA sensitivity Lin Yang
  + [1803r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1803-00-00be-pdt-phy-ru-mru-restrictions-for-20-mhz-operation.docx) RU/MRU Restrictions for 20 MHz Operation Eunsung Park
  + [1783r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1783-01-00be-update-on-pdt-phy-introduction-to-eht-phy.docx) Update on PDT-PHY-Introduction-to-EHT-PHY Bin Tian
* Technical Submissions:
  + [1829r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1829-00-00be-reserved-bit-behavior-for-eht.pptx) Reserved Bit Behavior for EHT Sameer Vermani
  + [1807r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1807-00-00be-eht-beamformee-ndp-and-partial-bw-feedback-support.pptx) EHT beamformee NDP & partial BW feedback support Rui Cao
  + [1842r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1842-00-00be-duplication-in-time-domain-for-lpi.pptx) Duplication in time domain for LPI Yan Xin
  + [1845r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1845-01-00be-ru-allocation-subfield-design-for-eht-trigger-frame-follow-up.pptx) RU Alloc. Subfield Design for EHT Trigger Frame Follow up Myeongjin Kim
* AoB:
* Adjourn

### 6th Conf. Call: November 12 (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

* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [992r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-06-00be-mlo-optional-mandatory.pptx) MLO optional mandatory Laurent Cariou [1 SP]
  + [1140r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1140-03-00be-ecsa-for-multi-link-operation.pptx) eCSA for multi link operation Laurent Cariou [6 SP]
  + [1358r5](https://mentor.ieee.org/802.11/dcn/19/11-19-1358-05-00be-multi-link-operation-management.pptx) Multi-link Operation Management Yongho Seok [1 SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1835r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1835-01-00be-pdt-mac-mlo-ml-element-common-format-and-types.docx) ML Element Common Format and Types Rojan Chitrakar
  + [1651r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1651-01-00be-pdt-tbds-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx) MLO–Discovery Laurent Cariou
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + [1062r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1062-00-00be-error-recovery-for-non-str-mld.pptx) Error recovery for non-STR MLD Yunbo Li [SP]
  + [1085r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-01-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das
  + [1263r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1263-00-00be-non-str-blindness-rules-discussion.pptx) Non-STR Blindness Rules Discussion Sharan Naribole
  + [1365r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1365-00-00be-further-discussion-about-blindness-for-non-str-mld.pptx) Further Discussion about Blindness for non-STR MLD Yunbo Li
* Technical Submissions: **ML-Operation [10 mins if SP only, 30 mins otherwise]**
  + [~~1545r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1545-00-00be-mld-security-considerations.pptx) ~~MLD security considerations Gaurav Patwardhan\*~~
  + [902r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0902-00-00be-group-addressed-frames-delivery-for-mlo-follow-up.pptx) Group addressed frames delivery for MLO follow up Ming Gan
  + [1692r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1692-00-00be-tdls-handling-in-mlo.pptx) TDLS handling in MLO Abhishek Patil
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + ~~1457r0 Multi-link Contention-based Admission Control Yongho Seok\*~~
  + [1670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-00-00be-low-latency-resource-agreements.pptx) Low-latency-resource-agreements Jonas Sedin
  + ~~1693r0 TSPEC-lite Duncan Ho\*~~
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1156r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-00-00be-contention-window-value-management-for-str-mld.pptx) Contention Window Value Management for STR MLD Sanghyun Kim
  + [1476r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1476-00-00be-considerations-on-the-recovery-procedure-in-synchronous-ml-operation.pptx) Considerations on the Recovery Proc. in Synchronous ML Op. Hanseul Hong
* Technical Submissions: **MAC-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + [1388r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1388-00-00be-bandwidth-indication-of-larger-than-160mhz-for-rts-and-cts.pptx) Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 7th Conf. Call: November 16 (10:00–12:00 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

* + **Patent, Participation 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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1807r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1807-00-00be-eht-beamformee-ndp-and-partial-bw-feedback-support.pptx) EHT beamformee NDP & partial BW feedback support Rui Cao
  + [1829r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1829-00-00be-reserved-bit-behavior-for-eht.pptx) Reserved Bit Behavior for EHT Sameer Vermani
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1803r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1803-00-00be-pdt-phy-ru-mru-restrictions-for-20-mhz-operation.docx) RU/MRU Restrictions for 20 MHz Operation Eunsung Park
    - Pending SPs
  + [1783r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1783-01-00be-update-on-pdt-phy-introduction-to-eht-phy.docx) Update on PDT-PHY-Introduction-to-EHT-PHY Bin Tian
* Technical Submissions:
  + [1857r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1857-00-00be-update-on-eht-partial-bw-feedback-tone-indices-table.pptx) Update on EHT Partial BW Feedback Tone Indices Table Alice Chen
  + [1842r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1842-00-00be-duplication-in-time-domain-for-lpi.pptx) Duplication in time domain for LPI Yan Xin
    - Pending SPs

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* + [1845r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1845-01-00be-ru-allocation-subfield-design-for-eht-trigger-frame-follow-up.pptx) RU Alloc. Subfield Design for EHT Trigger Frame Follow up Myeongjin Kim
  + [1847r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1847-00-00be-eht-ppe-thresholds-field.pptx) EHT PPE Thresholds Field Mengshi Hu
* AoB:
* Adjourn

### 7th Conf. Call: November 16 (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

* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [680r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0680-02-00be-operating-bandwidth-indication-for-eht-bss.pptx) Operating Bandwidth Indication for EHT BSS Guogang Huang [2 SPs]
  + [702r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0702-01-00be-fragmentation-in-mlo.pptx) Fragmentation in MLO Abhishek Patil [4 SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1594r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1594-04-00be-mlo-critical-updates-indication-address-missing-details.docx) MLO critical updates indication - address missing details Abhishek Patil
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + [1062r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1062-00-00be-error-recovery-for-non-str-mld.pptx) Error recovery for non-STR MLD Yunbo Li [SP]
  + [1085r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-01-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das
  + [1263r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1263-00-00be-non-str-blindness-rules-discussion.pptx) Non-STR Blindness Rules Discussion Sharan Naribole
  + [1365r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1365-00-00be-further-discussion-about-blindness-for-non-str-mld.pptx) Further Discussion about Blindness for non-STR MLD Yunbo Li

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* Technical Submissions: **ML-Operation [10 mins if SP only, 30 mins otherwise]**
  + [1545r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1545-00-00be-mld-security-considerations.pptx) MLD security considerations Gaurav Patwardhan
  + [902r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0902-00-00be-group-addressed-frames-delivery-for-mlo-follow-up.pptx) Group addressed frames delivery for MLO follow up Ming Gan
  + [1692r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1692-00-00be-tdls-handling-in-mlo.pptx) TDLS handling in MLO Abhishek Patil
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + ~~1457r0 Multi-link Contention-based Admission Control Yongho Seok\*~~
  + [1670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-00-00be-low-latency-resource-agreements.pptx) Low-latency-resource-agreements Jonas Sedin
  + ~~1693r0 TSPEC-lite Duncan Ho\*~~
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1156r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-00-00be-contention-window-value-management-for-str-mld.pptx) Contention Window Value Management for STR MLD Sanghyun Kim
  + [1476r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1476-00-00be-considerations-on-the-recovery-procedure-in-synchronous-ml-operation.pptx) Considerations on the Recovery Proc. in Synchronous ML Op. Hanseul Hong
* Technical Submissions: **MAC-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + [1388r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1388-00-00be-bandwidth-indication-of-larger-than-160mhz-for-rts-and-cts.pptx) Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 8th Conf. Call: November 18 (10:00–12:00 ET)–JOINT

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

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

* + **Patent, Participation 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 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:
  + Note that tomorrow is last call that PDTs that are candidates for D0.2 may be straw polled.
* Deferred SPs on Sounding
  + [1469r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1469-00-00be-eht-sounding-discussion.pptx) EHT sounding discussion Liwen Chu [SPs]

* + ~~[1747r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1747-00-00be-eht-ndpa-partial-bw-info-design.pptx) EHT NDPA Partial BW Info Design Rui Cao [SPs]~~
  + [~~1814r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1814-00-00be-partial-bw-info-field-design-in-ndpa.pptx) ~~Partial BW Info Field Design in NDPA Eunsung Park [SPs]~~
  + [~~1015r5~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-05-00be-eht-ndpa-frame-design-discussion.pptx) ~~EHT NDPA Frame Design Discussion Ross Jian Yu [SPs]~~
* Deferred SPs on Trigger
  + [1685r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1685-01-00be-ul-length-indication-in-trigger-frame.pptx) UL length indication in trigger frame Ross Jian Yu [1 SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1826r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1826-01-00be-pdt-joint-spatial-stream-and-mimo-protocol.docx) Joint Spatial Stream and MIMO Protocol Wook Bong Lee
    - Run SP in next Joint
  + [1873r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1873-00-00be-pdt-phy-txtime-and-psdu-length-calculation.docx) PDT PHY TXTIME and PSDU LENGTH Calculation Youhan Kim
    - Run SP in PHY
  + [1796r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1796-03-00be-pdt-phy-cyclic-shift.docx) PDT-PHY-Cyclic-Shift Wook Bong Lee
  + [1865r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1865-01-00be-pdt-phy-update-to-mu-mimo.docx) PDT PHY Update to MU-MIMO Sameer Vermani
  + [1836r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1836-00-00be-pdt-phy-tx-procedure.docx) PDT-PHY-Tx-Procedure Xiaogang Chen
    - Run SP in PHY
  + [1837r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1837-00-00be-pdt-phy-rx-procedure.docx) PDT-PHY-Rx-Procedure Xiaogang Chen
    - Run SP in PHY
  + [1479r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1479-03-00be-pdt-phy-t-block.docx) PDT-PHY-T\_block Xiaogang Chen
    - Run SP in PHY
  + [1462r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1462-03-00be-pdt-phy-tx-mask.docx) PDT-PHY-Tx-Mask Xiaogang Chen
    - Run SP in PHY
* AoB: None.
* Adjourn

### 9th Conf. Call: November 19 (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
    - Speak up now and respond to this Call for Potentially Essential Patents

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* + **Patent, Participation 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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1441r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-05-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park [SPs]
  + [1845r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1845-01-00be-ru-allocation-subfield-design-for-eht-trigger-frame-follow-up.pptx) RU Alloc. Subfield Design for EHT Trigger Frame Follow up Myeongjin Kim
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1803r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1803-00-00be-pdt-phy-ru-mru-restrictions-for-20-mhz-operation.docx) RU/MRU Restrictions for 20 MHz Operation Eunsung Park [SP]
  + [1873r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1873-00-00be-pdt-phy-txtime-and-psdu-length-calculation.docx) PDT PHY TXTIME and PSDU LENGTH Calculation Youhan Kim [SP]
  + [1836r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1836-00-00be-pdt-phy-tx-procedure.docx) PDT-PHY-Tx-Procedure Xiaogang Chen [SP]
  + [1837r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1837-00-00be-pdt-phy-rx-procedure.docx) PDT-PHY-Rx-Procedure Xiaogang Chen [SP]
  + [1479r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1479-03-00be-pdt-phy-t-block.docx) PDT-PHY-T\_block Xiaogang Chen [SP]
  + [1462r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1462-03-00be-pdt-phy-tx-mask.docx) PDT-PHY-Tx-Mask Xiaogang Chen [SP]
  + [1876r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1876-00-00be-update-on-pdt-phy-pilot.docx) Update on PDT-PHY-Pilot Jinyoung Chun
  + [1867r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1867-00-00be-pdt-phy-non-ht-duplicate-transmission.docx) PDT-PHY-non-HT-duplicate-transmission Rui Cao
  + [1868r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1868-01-00be-pdt-phy-ofdm-modulation.docx) PDT-PHY-OFDM-modulation Rui Cao
  + [1791r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1791-02-00be-pdt-tbd-phy-modulation-accuracy.docx) PHY Modulation Accuracy Wook Bong Lee
  + [1875r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1875-00-00be-pdt-phy-update-to-preamble-u-sig.docx) PDT PHY Update to Preamble U-SIG Sameer Vermani
  + [1878r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1878-00-00be-pdt-phy-update-to-eht-sounding-ndp.docx) PDT PHY Update to EHT Sounding NDP Sameer Vermani
  + [1882r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1882-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx) Overview of the PPDU Encoding Process Youhan Kim
  + [1884r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1884-00-00be-pdt-phy-stream-parser.docx) Stream Parser Youhan Kim
  + [1883r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1883-00-00be-pdt-eht-ppdu-format-update.docx) PHY-EHT-PPDU-Format-Update Dongguk Lim
  + [1885r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1885-00-00be-pdt-eht-preamble-l-stf-l-ltf-and-l-sig-update.docx) HT-Preamble-L-STF,L-LTF, and L-SIG-Update Dongguk Lim
  + [1495r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1495-04-00be-pdt-of-eht-ltf-sequences.docx) PDT of EHT LTF sequences Chenchen Liu
  + [1888r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1888-00-00be-pdt-phy-removing-non-contiguous-ppdu.docx) PDT-PHY-removing-non-contiguous-PPDU Rui Cao

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* Technical Submissions:
  + [1842r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1842-00-00be-duplication-in-time-domain-for-lpi.pptx) Duplication in time domain for LPI Yan Xin [SP]
  + [1703r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1703-01-00be-backward-compatible-trigger-frame-ru-allocation-table.pptx) IEEE 802.11ax Backward Compatible Trigger Frame RU Allocation Table Steve Shellhammer
  + [1847r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1847-00-00be-eht-ppe-thresholds-field.pptx) EHT PPE Thresholds Field Mengshi Hu
  + [1879r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1879-00-00be-mu-mimo-over-mcs15.pptx) MU-MIMO over MCS15 Ron Porat
  + [1880r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1880-00-00be-sr-field-in-tb-ppdu.pptx) SR field in TB PPDU Ron Porat
* AoB:
* Adjourn

### 9th Conf. Call: November 19 (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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* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [903r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-01-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) Multi-link Group Addr. Data Frame Delivery Follow up Po-Kai Huang [1 SP]
  + [1052r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-01-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT operating parameter update Liwen Chu [SP 1]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1835r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1835-02-00be-pdt-mac-mlo-ml-element-common-format-and-types.docx) ML Element Common Format and Types Rojan Chitrakar [SP]
  + [1651r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1651-05-00be-pdt-tbds-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx) PDT MAC MLO – Discovery Laurent Cariou [SP]
  + [1743r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1743-01-00be-pdt-tbd-mac-emlsr-operation.pptx) PDT TBD MAC EMLSR Operation Minyoung Park
  + [1881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1881-00-00be-resolve-tbds-in-35-3-8.docx) Resolve TBDs in 35.3.8 Abhishek Patil
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + [1085r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-01-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das [SP]
  + [1263r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1263-00-00be-non-str-blindness-rules-discussion.pptx) Non-STR Blindness Rules Discussion Sharan Naribole (Nov 30)
* Technical Submissions: **ML-Operation [10 mins if SP only, 30 mins otherwise]**
  + [1545r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1545-00-00be-mld-security-considerations.pptx) MLD security considerations Gaurav Patwardhan

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* + [902r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0902-00-00be-group-addressed-frames-delivery-for-mlo-follow-up.pptx) Group addressed frames delivery for MLO follow up Ming Gan
  + [1692r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1692-00-00be-tdls-handling-in-mlo.pptx) TDLS handling in MLO Abhishek Patil
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + ~~1457r0 Multi-link Contention-based Admission Control Yongho Seok\*~~
  + [1670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-00-00be-low-latency-resource-agreements.pptx) Low-latency-resource-agreements Jonas Sedin
  + ~~1693r0 TSPEC-lite Duncan Ho\*~~
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1156r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-00-00be-contention-window-value-management-for-str-mld.pptx) Contention Window Value Management for STR MLD Sanghyun Kim
  + [1476r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1476-00-00be-considerations-on-the-recovery-procedure-in-synchronous-ml-operation.pptx) Considerations on the Recovery Proc. in Synch. ML Op. Hanseul Hong
* Technical Submissions: **MAC-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + [1388r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1388-00-00be-bandwidth-indication-of-larger-than-160mhz-for-rts-and-cts.pptx) Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 10th Conf. Call: November 30 (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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* 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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1876r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1876-05-00be-update-on-pdt-phy-pilot.docx) Update on PDT-PHY-Pilot Jinyoung Chun [Fix Overview & Re-SP]
  + [1868r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1868-03-00be-pdt-phy-ofdm-modulation.docx) PDT-PHY-OFDM-modulation Rui Cao [Fix Overview & Re-SP]
* Technical Submissions:
  + [1842r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1842-00-00be-duplication-in-time-domain-for-lpi.pptx) Duplication in time domain for LPI Yan Xin [SP]
  + [1845r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1845-03-00be-ru-allocation-subfield-design-for-eht-trigger-frame-follow-up.pptx) RU Alloc. Subfield Design for EHT Trigger Frame Follow up Myeongjin Kim
  + [1703r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1703-01-00be-backward-compatible-trigger-frame-ru-allocation-table.pptx) IEEE 802.11ax Backward Compatible Trigger Frame RU Allocation Table Steve Shellhammer [SPs]
  + [1847r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1847-00-00be-eht-ppe-thresholds-field.pptx) EHT PPE Thresholds Field Mengshi Hu
  + [1879r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1879-00-00be-mu-mimo-over-mcs15.pptx) MU-MIMO over MCS15 Ron Porat
  + [1880r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1880-00-00be-sr-field-in-tb-ppdu.pptx) SR field in TB PPDU Ron Porat
  + [1896r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1896-00-00be-two-los-for-320-mhz-transmission.pptx) Two LOs for 320 MHz Transmission Ross Jian Yu
* AoB:
* Adjourn

### 10th Conf. Call: November 30 (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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* 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [586r9](https://mentor.ieee.org/802.11/dcn/20/11-20-0586-09-00be-mlo-signaling-of-critical-updates.pptx) MLO: Signaling of critical updates Abhishek Patil [2 SPs]
  + [593r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-01-00be-eht-bss-follow-up-eht-bw-nss-mcs-and-he-bw-nss-mcs.pptx) EHT BSS Op.-EHT BW Nss MCS and HE BW Nss MCS Liwen Chu [SP1-3]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + [1085r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-04-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das [SP]
  + [1263r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1263-01-00be-non-str-blindness-rules-discussion.pptx) Non-STR Blindness Rules Discussion Sharan Naribole
* Technical Submissions: **ML-Operation [10 mins if SP only, 30 mins otherwise]**
  + [902r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0902-01-00be-group-addressed-frames-delivery-for-mlo-follow-up.pptx) Group addressed frames delivery for MLO follow up Ming Gan
  + [1692r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1692-01-00be-tdls-handling-in-mlo.pptx) TDLS handling in MLO Abhishek Patil

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* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + ~~1457r0 Multi-link Contention-based Admission Control Yongho Seok\*~~
  + [1670r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-01-00be-low-latency-resource-agreements.pptx) Low-latency-resource-agreements Jonas Sedin
  + [~~1693r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1693-00-00be-tspec-lite.pptx) ~~TSPEC-lite Duncan Ho\*~~
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1156r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-01-00be-contention-window-value-management-for-str-mld.pptx) Contention Window Value Management for STR MLD Sanghyun Kim
  + [1476r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1476-00-00be-considerations-on-the-recovery-procedure-in-synchronous-ml-operation.pptx) Considerations on the Recovery Proc. in Synch. ML Op. Hanseul Hong
* Technical Submissions: **MAC-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + [1388r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1388-00-00be-bandwidth-indication-of-larger-than-160mhz-for-rts-and-cts.pptx) Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 11th Conf. Call: December 02 (10:00–12:00 ET)–JOINT

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

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

* + **Patent, Participation 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 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:
  + D0.2 (plus redline w.r.t. D0.1) expected to be posted to IEEE member’s area by today EOD.
  + Members: Please use RTF file when preparing the PDTs.
* **Motions (concentrated within the first 60 mins of the call)**
  + [841r40](https://mentor.ieee.org/802.11/dcn/20/11-20-0841-40-00be-tgbe-motions-list-for-teleconferences.pptx) Motions list for teleconferences
* **Status of the spec text volunteers (Edward)**
  + [997r71](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-71-00be-tgbe-spec-text-volunteers-and-status.docx)
* Technical Submissions: **Run SPs from Previous Topics**
  + [~~1747r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1747-01-00be-eht-ndpa-partial-bw-info-design.pptx) ~~EHT NDPA Partial BW Info Design Rui Cao [SPs]~~
    - Depends on RU allocation discussions on Trigger. Target: Next joint conf call.
  + [~~1814r3~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1814-03-00be-partial-bw-info-field-design-in-ndpa.pptx) ~~Partial BW Info Field Design in NDPA Eunsung Park [SPs]~~
    - Depends on RU allocation discussions on Trigger. Target: Next joint conf call.
  + [~~1015r5~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-05-00be-eht-ndpa-frame-design-discussion.pptx) ~~EHT NDPA Frame Design Discussion Ross Jian Yu [SPs]~~
    - Depends on RU allocation discussions on Trigger. Target: Next joint conf call.
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [~~1826r3~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1826-03-00be-pdt-joint-spatial-stream-and-mimo-protocol.docx) ~~Joint Spatial Stream and MIMO Protocol Wook Bong Lee [SP]~~
    - Still working on it. Target: Next joint conf call.
* Technical Submissions:
  + [1808r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1808-01-00be-backward-compatible-eht-trigger-frame-follow-up.pptx) Backward compatible eht trigger frame-follow up Ming Gan
  + [1911r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1911-00-00be-ul-bw-subfield-design-in-trigger-frame.pptx) UL BW subfield design in Trigger frame Jinyoung Chun
* AoB: None.
* Adjourn

### 12th Conf. Call: December 03 (10:00–12:00 ET)–PHY

* Cancelled

### 12th Conf. Call: December 03 (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

* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [~~1115r5~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-05-00be-mld-ap-power-saving-ps-considerations.pptx) ~~MLD AP Power-saving (PS) Considerations Jay Yang-Dec 7~~
  + [~~508r2~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0508-02-00be-mlo-reachability-problem.pptx) ~~MLO: Reachability Problem Abhishek Patil[1SP]~~
  + [974r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-02-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx) Chan. Access 4 STR AP MLD with non-STR non-AP MLD Liangxiao Xin [1SP]
  + [~~1009r4~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-04-00be-multi-link-hidden-terminal-followup.pptx) ~~Multi-link hidden terminal-followup Dibakar Das [1SP]~~
  + [~~760r2~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0760-02-00be-multi-link-sm-power-save-mode.pptx) ~~Multi Link SM Power Save Mode Jason Y. Guo [1SP]~~
  + [761r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0761-02-00be-multi-link-group-addressed-frame-delivery-for-non-str-mld.pptx) Multi Link Group Addressed Frame delivery for non-STR MLD Jason Yuchen Guo [1 SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1743r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1743-03-00be-pdt-tbd-mac-emlsr-operation.pptx) PDT TBD MAC EMLSR Operation Minyoung Park
  + [~~1910r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1910-00-00be-pdt-mac-mlo-start-time-sync.docx) ~~PDT-MAC-MLO-start-time-sync Duncan Ho~~
  + [1914r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1914-00-00be-mac-pdt-motion-112-sp-27.docx) MAC-PDT-Motion-112\_SP-27 Abhishek Patil
  + [1924r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1924-00-00be-pdt-for-clarification-of-mld-association.docx) PDT for clarification of MLD association Po-Kai Huang

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* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1350r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-02-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + ~~1457r0 Multi-link Contention-based Admission Control Yongho Seok\*~~
  + [1670r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-01-00be-low-latency-resource-agreements.pptx) Low-latency-resource-agreements Jonas Sedin
  + [~~1693r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1693-00-00be-tspec-lite.pptx) ~~TSPEC-lite Duncan Ho\*~~
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1156r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-01-00be-contention-window-value-management-for-str-mld.pptx) Contention Window Value Management for STR MLD Sanghyun Kim
  + [1476r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1476-00-00be-considerations-on-the-recovery-procedure-in-synchronous-ml-operation.pptx) Considerations on the Recovery Proc. in Synch. ML Op. Hanseul Hong
* Technical Submissions: **MAC-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + [1388r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1388-00-00be-bandwidth-indication-of-larger-than-160mhz-for-rts-and-cts.pptx) Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 13th Conf. Call: December 07 (10:00–12:00 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

* + **Patent, Participation 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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + *None.*
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1337r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1337-05-00be-pdt-phy-mathematical-description-of-signals.docx) PDT-PHY-Mathematical description of signals Yan Zhang
  + [1339r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-06-00be-pdt-phy-data-field-coding.docx) PDT-PHY-Coding Yan Zhang
  + [1340r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-03-00be-pdt-phy-packet-extension.docx) PDT-PHY-Packet-Extension Yan Zhang
  + 1925r0 PDT-EHT-preamble-EHT-SIG follow-up Ross Yu
* Technical Submissions:
  + *None.*
* AoB:
* Adjourn

### 13th Conf. Call: December 07 (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

* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1115r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-06-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP Power-saving (PS) Considerations Jay Yang [2 SP]
  + [508r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0508-03-00be-mlo-reachability-problem.pptx) MLO: Reachability Problem Abhishek Patil [1SP]
  + [1009r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-04-00be-multi-link-hidden-terminal-followup.pptx) Multi-link hidden terminal-followup Dibakar Das [1SP]
  + [1312r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1312-03-00be-triggered-su-ppdu-for-11ber1.pptx) Triggered SU PPDU for 11be R1 Dibakar Das [1SP]
  + [760r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0760-05-00be-multi-link-sm-power-save-mode.pptx) Multi Link SM Power Save Mode Jason Y. Guo [1SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1924r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1924-04-00be-pdt-for-clarification-of-mld-association.docx) PDT for clarification of MLD association Po-Kai Huang [SP]
  + [1910r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1910-00-00be-pdt-mac-mlo-start-time-sync.docx) PDT-MAC-MLO-start-time-sync Duncan Ho
* Technical Submissions: **ML-Operation [10 mins if SP only, 30 mins otherwise]**
  + [1692r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1692-02-00be-tdls-handling-in-mlo.pptx) TDLS handling in MLO Abhishek Patil [Q&A]

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* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1067r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-07-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu [1 SP]
  + [1046r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-08-00be-prioritized-edca-channel-access-slot-management.pptx) Prioritized EDCA channel access - slot management Chunyu Hu [SPs]
  + [1350r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-02-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + ~~1457r0 Multi-link Contention-based Admission Control Yongho Seok\*~~
  + [1670r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-01-00be-low-latency-resource-agreements.pptx) Low-latency-resource-agreements Jonas Sedin
  + [1693r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1693-00-00be-tspec-lite.pptx) TSPEC-lite Duncan Ho
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1156r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-01-00be-contention-window-value-management-for-str-mld.pptx) Contention Window Value Management for STR MLD Sanghyun Kim
  + [1476r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1476-00-00be-considerations-on-the-recovery-procedure-in-synchronous-ml-operation.pptx) Considerations on the Recovery Proc. in Synch. ML Op. Hanseul Hong
* Technical Submissions: **MAC-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + [1388r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1388-00-00be-bandwidth-indication-of-larger-than-160mhz-for-rts-and-cts.pptx) Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 14th Conf. Call: December 09 (10:00–12:00 ET)–JOINT

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

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

* + **Patent, Participation 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 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: *D0.2 is posted in the members area.*
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + **Deferred SPs on Sounding *(after RU allocation is done)***
    - [~~1747r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1747-01-00be-eht-ndpa-partial-bw-info-design.pptx) ~~EHT NDPA Partial BW Info Design Rui Cao [SPs]~~
    - [~~1814r3~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1814-03-00be-partial-bw-info-field-design-in-ndpa.pptx) ~~Partial BW Info Field Design in NDPA Eunsung Park [SPs]~~
    - [~~1015r5~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-05-00be-eht-ndpa-frame-design-discussion.pptx) ~~EHT NDPA Frame Design Discussion Ross Jian Yu [SPs]~~
    - *~~Others?~~*
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1826r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1826-04-00be-pdt-joint-spatial-stream-and-mimo-protocol.docx) Joint Spatial Stream and MIMO Protocol Wook Bong Lee [SP]
    - *SP text*: Do you support to incorporate the changes in 11-20/1826r6 in the next version of TGbe draft?
    - *SP result*: 87Y, 0N, 29A.
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + **Deferred SPs on Trigger format (SPs after 1927 is presented)**
    - [1429r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-03-00be-enhanced-trigger-frame-for-eht-support.pptx) Enhanced Trigger Frame for EHT Support Steve Shellhammer
    - [1808r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1808-02-00be-backward-compatible-eht-trigger-frame-follow-up.pptx) Backward compatible EHT trigger frame follow up Ming Gan
    - [1911r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1911-00-00be-ul-bw-subfield-design-in-trigger-frame.pptx) UL BW subfield design in Trigger frame Jinyoung Chun [SPs]
    - [~~1703r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1703-01-00be-backward-compatible-trigger-frame-ru-allocation-table.pptx) ~~Trigger frame RU allocation Table Steve Shellhammer [SPs]~~
      * *~~Move to PHY~~*
  + [1927r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1927-00-00be-clean-ul-bw-signaling-in-enhanced-trigger-frame.pptx) Clean UL BW signaling in Enhanced Trigger frame Lei Huang
* Other Technical Submissions:
  + *None.*
* AoB:
  + PHY call for tomorrow will be cancelled.
* Adjourn

### 15th Conf. Call: December 10 (19:00–22:00 ET)–PHY

* Cancelled

### 15th Conf. Call: December 10 (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

* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [~~508r3~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0508-03-00be-mlo-reachability-problem.pptx) ~~MLO: Reachability Problem Abhishek Patil [1SP]~~
  + [~~1009r4~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-04-00be-multi-link-hidden-terminal-followup.pptx) ~~Multi-link hidden terminal-followup Dibakar Das [1SP]~~
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [~~1910r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1910-00-00be-pdt-mac-mlo-start-time-sync.docx) ~~PDT-MAC-MLO-start-time-sync Duncan Ho~~
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1067r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-07-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu [1 SP]
  + [1046r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-08-00be-prioritized-edca-channel-access-slot-management.pptx) Prioritized EDCA channel access - slot management Chunyu Hu [SPs]
  + [1350r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-02-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + ~~1457r0 Multi-link Contention-based Admission Control Yongho Seok\*~~
  + [1670r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1670-01-00be-low-latency-resource-agreements.pptx) Low-latency-resource-agreements Jonas Sedin
  + [1693r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1693-00-00be-tspec-lite.pptx) TSPEC-lite Duncan Ho
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1156r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1156-01-00be-contention-window-value-management-for-str-mld.pptx) Contention Window Value Management for STR MLD Sanghyun Kim

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* + [1476r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1476-00-00be-considerations-on-the-recovery-procedure-in-synchronous-ml-operation.pptx) Considerations on the Recovery Proc. in Synch. ML Op. Hanseul Hong
* Technical Submissions: **MAC-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [362r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + [1388r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1388-00-00be-bandwidth-indication-of-larger-than-160mhz-for-rts-and-cts.pptx) Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~
* Technical Submissions: **ML-General [10 mins if SP only, 30 mins otherwise]**
  + [1036r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1036-05-00be-terminology-for-soft-ap-mld.pptx) Terminology for Soft AP MLD Jinjing Jiang
  + [1424r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1424-01-00be-abbreviation-and-definitions-related-to-str.pptx) Abbreviation and Definitions related to STR Yunbo Li
  + ~~1456r0 Error Recovery in Synchronous Multiple Frame TX Yongho Seok\*~~
  + [1540r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1540-00-00be-proposals-for-an-nstr-soft-ap.pptx) Proposals for an NSTR soft AP Shubhodeep Adhikari
* Technical Submissions: **ML-Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [1044r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1044-00-00be-mlo-tid-to-link-mapping-negotiation.pptx) MLO: TID-to-link mapping negotiation Abhishek Patil
  + [1554r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1554-01-00be-ml-reconfiguration.pptx) ML reconfiguration Payam Torab
  + [1576r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1576-00-00be-multilink-management-for-non-str-soft-ap.pptx) Multilink Management for Non-STR Soft AP Ronny Yongho Kim
  + [1551r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1551-00-00be-tid-to-link-mapping-negotiation.pptx) TID-to-Link-Mapping-Negotiation Guogang Huang
  + [1534r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1534-02-00be-discussion-on-multi-link-setup.pptx) Discussion-on-multi-link-setup Guogang Huang
  + [1124r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1124-00-00be-ml-element-design.pptx) ML element design Ming Gan

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 16th Conf. Call: December 14 (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
    - 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

* + **Patent, Participation 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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1703r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1703-02-00be-backward-compatible-trigger-frame-ru-allocation-table.pptx) Trigger frame RU allocation Table Steve Shellhammer [SPs]
  + [~~1845r4~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1845-04-00be-ru-allocation-subfield-design-for-eht-trigger-frame-follow-up.pptx) ~~RU Allocation Subfield Design for EHT Trigger Frame Follow up Myeongjin Kim [SPs]~~
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1339r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-07-00be-pdt-phy-data-field-coding.docx) PDT-PHY-Coding Yan Zhang
  + [1925r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1925-03-00be-pdt-eht-preamble-eht-sig-follow-up.docx) PDT-EHT-preamble-EHT-SIG follow-up Ross Jian Yu
  + [1958r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1958-00-00be-pdt-phy-phase-noise-per-160mhz.docx) PDT-PHY-Phase-Noise-Per-160MHz Brian Hart
  + [1963r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1963-00-00be-resolve-some-phy-tbds-in-d0-2.docx) Resolve some PHY TBDs in D0.2 Bin Tian
  + [1340r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-05-00be-pdt-phy-packet-extension.docx) PDT-PHY-Packet Extension Yan Zhang
* Technical Submissions:
  + [1954r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1954-03-00be-11be-spectral-flatness-requirements.pptx) 11be Spectral Flatness Requirements Lin Yang
* AoB:
* Adjourn

### 16th Conf. Call: December 14 (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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* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1062r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1062-04-00be-error-recovery-for-non-str-mld.pptx) Error recovery for non-STR MLD Yunbo Li [1 SP]
  + [1140r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1140-06-00be-ecsa-for-multi-link-operation.pptx) eCSA for multi link operation Laurent Cariou [2 SPs]
  + [462r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0462-01-00be-11be-ba-indication.pptx) 11be BA Indication Po-Kai Huang [1 SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1957r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1957-00-00be-proposed-spec-text-for-eht-mac-and-mlo-intros.docx) Proposed Spec Text for EHT MAC and MLO Intros Carol Ansley
  + [1910r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1910-02-00be-pdt-mac-mlo-start-time-sync.docx) PDT-MAC-MLO-start-time-sync Duncan Ho
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1476r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1476-00-00be-considerations-on-the-recovery-procedure-in-synchronous-ml-operation.pptx) Considerations on the Recovery Proc. in Synch. ML Op. Hanseul Hong
* Technical Submissions: **MAC-Protection [10 mins if SP only, 30 mins otherwise]**
  + [1388r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1388-00-00be-bandwidth-indication-of-larger-than-160mhz-for-rts-and-cts.pptx) Bandwidth indication of > 160MHz for RTS and CTS Yunbo Li
  + ~~1459r0 EHT MU-RTS and CTS frame exchange Yongho Seok\*~~
* Technical Submissions: **ML-General [10 mins if SP only, 30 mins otherwise]**
  + [1424r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1424-01-00be-abbreviation-and-definitions-related-to-str.pptx) Abbreviation and Definitions related to STR Yunbo Li

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* + ~~1456r0 Error Recovery in Synchronous Multiple Frame TX Yongho Seok\*~~
  + [1540r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1540-00-00be-proposals-for-an-nstr-soft-ap.pptx) Proposals for an NSTR soft AP Shubhodeep Adhikari
* Technical Submissions: **ML-Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [1044r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1044-00-00be-mlo-tid-to-link-mapping-negotiation.pptx) MLO: TID-to-link mapping negotiation Abhishek Patil
  + [1554r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1554-01-00be-ml-reconfiguration.pptx) ML reconfiguration Payam Torab
  + [1576r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1576-00-00be-multilink-management-for-non-str-soft-ap.pptx) Multilink Management for Non-STR Soft AP Ronny Yongho Kim
  + [1551r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1551-00-00be-tid-to-link-mapping-negotiation.pptx) TID-to-Link-Mapping-Negotiation Guogang Huang
  + [1534r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1534-02-00be-discussion-on-multi-link-setup.pptx) Discussion-on-multi-link-setup Guogang Huang
  + [1124r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1124-00-00be-ml-element-design.pptx) ML element design Ming Gan

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 17th Conf. Call: December 16 (10:00–12:00 ET)–JOINT

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

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

* + **Patent, Participation 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 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:
* **Motions (concentrated within the first 60 mins of the call)**
  + *None planned.*
* **Deferred SPs on Sounding [*Pending PHY report on RU allocation discussion status*]**
  + [~~1747r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1747-01-00be-eht-ndpa-partial-bw-info-design.pptx) ~~EHT NDPA Partial BW Info Design Rui Cao [SPs]~~
  + [~~1814r3~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1814-03-00be-partial-bw-info-field-design-in-ndpa.pptx) ~~Partial BW Info Field Design in NDPA Eunsung Park [SPs]~~
  + [~~1015r5~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-05-00be-eht-ndpa-frame-design-discussion.pptx) ~~EHT NDPA Frame Design Discussion Ross Jian Yu [SPs]~~
* **Deferred SPs on Trigger**
  + [~~1429r3~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-03-00be-enhanced-trigger-frame-for-eht-support.pptx) ~~Enhanced Trigger Frame for EHT Support Steve Shellhammer [SPs]~~
  + [~~1808r2~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1808-02-00be-backward-compatible-eht-trigger-frame-follow-up.pptx) ~~Backward compatible EHT trigger frame follow up Ming Gan [SPs]~~
  + [~~1911r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1911-01-00be-ul-bw-subfield-design-in-trigger-frame.pptx) ~~UL BW subfield design in Trigger frame Jinyoung Chun [SPs]~~
  + [~~1927r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1927-00-00be-clean-ul-bw-signaling-in-enhanced-trigger-frame.pptx) ~~Clean UL BW signaling in Enhanced Trigger frame Lei Huang [SPs]~~
* **Guidelines:**
  + [1961r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1961-00-00be-release-guidelines-an-overview.pptx) Release Guidelines-An Overview
* **Teleconference Plan:** January to March 2021
  + [1917r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1917-02-00be-jan-mar-tgbe-teleconference-agendas.docx) jan-mar-tgbe-teleconference-agendas
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *None.*
* Technical Submissions:
  + ~~1247r1 Virtual bss for multi ap coodination Jay Yang~~
  + ~~1399r1 On Joint C-SR and C-OFDMA M-AP TX Rui Yang~~
  + ~~1040r1 Coordinated SR for Uplink Jonghun Han~~
  + 1713r1 Multi-AP Coordination:Recap and Additional Considerations Muhammad S. J. Solaija
* AoB: None.
* Adjourn

### 18th Conf. Call: December 17 (10:00–12:00 ET)–PHY

* **Cancelled.**

### 18th Conf. Call: December 17 (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
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* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [387r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0387-04-00be-multi-link-setup-follow-up-ii.pptx) Multi-link setup follow up II Po-Kai Huang [1 SP]
  + [902r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0902-03-00be-group-addressed-frames-delivery-for-mlo-follow-up.pptx) Group addressed frames delivery for MLO follow up Ming Gan [2 SPs]
  + [1312r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1312-05-00be-triggered-su-ppdu-for-11ber1.pptx) Triggered SU PPDU for 11be R1 Dibakar Das [1 SP]
  + [1009r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-05-00be-multi-link-hidden-terminal-followup.pptx) Multi-link hidden terminal-followup Dibakar Das [1 SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1722r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1722-01-00be-mac-pdt-nsep-tbds.docx) PDT for TBDs Subir Das

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* + [1957r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1957-01-00be-proposed-spec-text-for-eht-mac-and-mlo-intros.docx) Proposed Spec Text for EHT MAC and MLO Intros Carol Ansley [SP]
* Technical Submissions: **MAC-BlockAck [10 mins if SP only, 30 mins otherwise]**
  + [362r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-02-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **ML-General [10 mins if SP only, 30 mins otherwise]**
  + ~~1456r0 Error Recovery in Synchronous Multiple Frame TX Yongho Seok\*~~
  + [1540r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1540-00-00be-proposals-for-an-nstr-soft-ap.pptx) Proposals for an NSTR soft AP Shubhodeep Adhikari
* Technical Submissions: **ML-Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [1044r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1044-00-00be-mlo-tid-to-link-mapping-negotiation.pptx) MLO: TID-to-link mapping negotiation Abhishek Patil
  + [1554r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1554-01-00be-ml-reconfiguration.pptx) ML reconfiguration Payam Torab
  + [1576r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1576-00-00be-multilink-management-for-non-str-soft-ap.pptx) Multilink Management for Non-STR Soft AP Ronny Yongho Kim
  + [1551r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1551-00-00be-tid-to-link-mapping-negotiation.pptx) TID-to-Link-Mapping-Negotiation Guogang Huang
  + [1534r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1534-02-00be-discussion-on-multi-link-setup.pptx) Discussion-on-multi-link-setup Guogang Huang
  + [1124r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1124-00-00be-ml-element-design.pptx) ML element design Ming Gan

*\* Note: Need to be uploaded to Mentor website 7 days prior to the conf call*

* AoB:
* Adjourn

### 19th Conf. Call: January 04 (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
    - 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

* + **Patent, Participation 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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + *Pending requests*
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1958r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1958-01-00be-pdt-phy-phase-noise-per-160mhz.docx) PDT-PHY-Phase-Noise-Per-160MHz Brian Hart
  + [1963r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1963-00-00be-resolve-some-phy-tbds-in-d0-2.docx) Resolve some PHY TBDs in D0.2 Bin Tian
  + [1340r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-05-00be-pdt-phy-packet-extension.docx) PDT-PHY-Packet Extension Yan Zhang
* Technical Submissions:
  + [1954r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1954-03-00be-11be-spectral-flatness-requirements.pptx) 11be Spectral Flatness Requirements Lin Yang
* AoB:
* Adjourn

### 19th Conf. Call: January 04 (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

* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [992r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-06-00be-mlo-optional-mandatory.pptx) MLO optional mandatory Laurent Cariou[1SP]
  + [903r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-06-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) Multi-link Group Addressed Data Frame Delivery Follow up Po-Kai Huang [2 SP]
  + [689r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0689-02-00be-single-sta-trigger.pptx) Single STA Trigger Y.H. Kwon [1 SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1727r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1727-01-00be-pdt-mac-mlo-6-3-x-nsep-priority-access.docx) pdt-mac-mlo-6-3-x nsep-priority-access Zhiqiang Han
* Technical Submissions: **MAC-BlockAck [10 mins if SP only, 30 mins otherwise]**
  + [362r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-03-00be-proposals-on-ampdu-ba-mechanisms.pptx) Proposals on AMPDU-BA mechanisms Sindhu Verma
* Technical Submissions: **ML-General [10 mins if SP only, 30 mins otherwise]**
  + ~~1456r0 Error Recovery in Synchronous Multiple Frame TX Yongho Seok\*~~
  + [1540r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1540-00-00be-proposals-for-an-nstr-soft-ap.pptx) Proposals for an NSTR soft AP Shubhodeep Adhikari
* Technical Submissions: **ML-Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [1044r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1044-02-00be-mlo-tid-to-link-mapping-negotiation.pptx) MLO: TID-to-link mapping negotiation Abhishek Patil
  + [1554r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1554-03-00be-ml-reconfiguration.pptx) ML reconfiguration Payam Torab
  + [1576r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1576-00-00be-multilink-management-for-non-str-soft-ap.pptx) Multilink Management for Non-STR Soft AP Ronny Yongho Kim
  + [1551r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1551-02-00be-tid-to-link-mapping-negotiation.pptx) TID-to-Link-Mapping-Negotiation Guogang Huang
  + [1534r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1534-04-00be-discussion-on-multi-link-setup.pptx) Discussion-on-multi-link-setup Guogang Huang
  + [1124r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1124-00-00be-ml-element-design.pptx) ML element design Ming Gan
* AoB:
* Adjourn

### 20th Conf. Call: January 06 (10:00–12:00 ET)–JOINT

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

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

* + **Patent, Participation 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 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:
* **Motions (concentrated within the first 60 mins of the call)**
  + [841r40](https://mentor.ieee.org/802.11/dcn/20/11-20-0841-40-00be-tgbe-motions-list-for-teleconferences.pptx) Motions list for teleconferences
* **Deferred SPs on Sounding**
  + [1747r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1747-01-00be-eht-ndpa-partial-bw-info-design.pptx) EHT NDPA Partial BW Info Design Rui Cao [SPs]
  + [1814r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1814-03-00be-partial-bw-info-field-design-in-ndpa.pptx) Partial BW Info Field Design in NDPA Eunsung Park [SPs]
  + [1015r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-05-00be-eht-ndpa-frame-design-discussion.pptx) EHT NDPA Frame Design Discussion Ross Jian Yu [SPs]
* **Deferred SPs on Trigger**
  + [1429r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-03-00be-enhanced-trigger-frame-for-eht-support.pptx) Enhanced Trigger Frame for EHT Support Steve Shellhammer [SPs]
  + [1808r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1808-03-00be-backward-compatible-eht-trigger-frame-follow-up.pptx) Backward compatible EHT trigger frame follow up Ming Gan [SPs]
  + [1911r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1911-01-00be-ul-bw-subfield-design-in-trigger-frame.pptx) UL BW subfield design in Trigger frame Jinyoung Chun [SPs]
  + [1927r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1927-00-00be-clean-ul-bw-signaling-in-enhanced-trigger-frame.pptx) Clean UL BW signaling in Enhanced Trigger frame Lei Huang [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *Pending requests*
* Technical Submissions:
  + *Pending requests*
* AoB:
* Adjourn

### 21st Conf. Call: January 07 (10:00–12:00 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

* + **Patent, Participation 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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
* Technical Submissions:
* AoB:
* Adjourn

### 21st Conf. Call: January 07 (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

* + **Patent, Participation 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@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
* Technical Submissions:
* AoB:
* Adjourn

## TGbe Guidelines document

* <https://mentor.ieee.org/802.11/dcn/20/11-20-0984-01-00be-tgbe-teleconference-guidelines.docx>

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## 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>

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>