IEEE P802.11  
Wireless LANs

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| TGbe 2020 July to September teleconference agendas | | | | | |
| Date: 2020-10-25 | | | | | |
| Author(s): | | | | | |
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Abstract

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

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Reduced Joint conf call from 2 hours to 1 hour and added another Joint session on Tuesday for 2 hours.
* Rev 2: Updated back-logged queues with submissions from previous agenda. Added agendas for 1st conf calls.
* Rev 3: Added new submissions requests for 1st conf calls and to the new presentation queues.
* Rev 4-5: Added agenda for second conference call and new/updated submissions requests.
* Rev 6: Added agenda for the third conference call.
* Rev 7: Added agenda for the fourth conference call.
* Rev 8: Added agenda for the fifth conference calls.
* Rev 9-10: Added agenda for the sixth conference calls, and some minor updates.
* Rev 11-12: Added agenda for the seventh conference call and made some updates.
* Rev 13-14: Added agenda for the eighth conference calls, with minor updates.
* Rev 15-16: Added agenda for the ninth conference call.
* Rev 17-19: Added agenda for the tenth conference call, updated teleconference schedules and prepared queues for TBDs, including received submissions requests.
* Rev 20-21: Added agenda for the eleventh conference call, including received submissions requests.
* Rev 22: Added agenda for the 12th and 13th conference calls.
* Rev 23-24: Updated agenda for 13th conf call and added agenda for 14th conf call, including received submissions requests.
* Rev 25: Updated agenda for the 14th conf call, including new submission requests.
* Rev 26-29: Updated agenda for the 15th and 16th conf call, including new submission requests.
* Rev 30-31: Updated agenda for the 17th conf call, including new submission requests and mods.
* Rev 32-35: Updated agenda for the 18th and 19th conf calls, including some updates.

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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 19 teleconferences up to October 29th for discussing technical presentations:

## Teleconferences Plan for September to November

* **Sep 14 (Monday) – MAC/PHY 19:00-21:00 ET**
* **Sep 15 (Tuesday) – Joint 19:00-21:00 ET**
* **Sep 16 (Wednesday) – MAC 09:00-11:00 ET**
* **Sep 17 (Thursday) – Joint (Motions) 09:00-10:00 ET**
* **Sep 21 (Monday) – MAC/PHY 10:00-13:00 ET**
* **Sep 23 (Wednesday) – MAC 10:00-13:00 ET**
* **Sep 24 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **Sep 28 (Monday) – MAC/PHY 19:00-22:00 ET**
* **Sep 30 (Wednesday) – Joint (Motions) 10:00-13:00 ET**
* **Oct 01 (Thursday) – No Conf Call Golden Week**
* **Oct 05 (Monday) – No Conf Call Golden Week**
* **Oct 08 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **Oct 12 (Monday) – MAC/PHY 19:00-22:00 ET**
* **Oct 14 (Wednesday) – MAC/PHY 10:00-13:00 ET**
* **Oct 15 (Thursday) – Joint (Motions) 10:00-13:00 ET**
* **Oct 19 (Monday) – MAC/PHY 10:00-13:00 ET**
* **Oct 21 Wednesday – MAC/PHY 10:00-13:00 ET**
* **Oct 22 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **Oct 26 (Monday) – MAC/PHY 19:00-22:00 ET**
* **Oct 28 (Wednesday) – MAC/PHY 10:00-13:00 ET**
* **Oct 29 (Thursday) – Joint (Motions) 10:00-13:00 ET**
* **~~Nov 02 (Monday) – MAC/PHY 10:00-13:00 ET~~**
* **~~Nov 05 (Thursday) – MAC/PHY 19:00-22:00 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** |
| [772r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-02-00be-multi-link-element-format.pptx) | Multi-link element format | Rojan Chitrakar | Done | ML General | MAC |
| [1067r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-03-00be-traffic-indication-of-latency-sensitive-application.pptx) | Traffic indication of latency sensitive application | Frank Hsu | Done | Low Latency | 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 |
| [992r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-03-00be-mlo-optional-mandatory.pptx) | MLO optional mandatory | Laurent Cariou | 7 SP | 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 | 6 SP | ML-Mgmt. | MAC |
| [921r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-04-00be-discussion-about-str-capabilities-indication.pptx) | Discussion about STR capabilities indication | Yunbo Li | Done | ML-Constrained ops | MAC |
| [898r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0898-03-00be-mld-discovery-follow-up.pptx) | MLD Discovery follow up | Young Hoon Kwon | Done | ML-Mgmt. | MAC |
| [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) | Restrictions on MLD Probe | Cheng Chen | Done | ML-Mgmt. | MAC |
| [1355r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-04-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) | Access mechanisms to meet the requirements of low latency traffics | Boyce Bo Yang | Done | Low Latency | 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 | ML-Generals | MAC |
|  |  |  |  |  |  |
| [1073r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-03-00be-4x-eht-ltf-sequences-design.pptx) | 4x EHT-LTF Sequences Design | Chenchen Liu | Done | Preamble | PHY |
| [1317r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-01-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) | SIG contents discussion for EHT sounding NDP | Ross Jian Yu | Done | Preamble | PHY |

## Back-Logged Technical Presentations’ List

* 4 submissions in the Joint queue
* 12 submissions in the MAC queue
* 0 submissions in the PHY queue

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| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [764r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0764-01-00be-trigger-consideration.pptx) | Trigger Consideration | Liwen Chu | Presented | Trigger | Joint |
| [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 | Presented | Trigger | Joint |
| [831r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0831-00-00be-trigger-frame-for-frequency-domain-a-ppdu-support.pptx) | Trigger Frame for Frequency-domain A-PPDU Support | Jonghun Han | Presented | Trigger | Joint |
| [840r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0840-00-00be-backward-compatible-eht-trigger-frame.pptx) | Backward compatible EHT trigger frame | Ming Gan | Presented | Trigger | Joint |
| [848r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0848-00-00be-sounding-request-in-sequential-sounding.pptx) | Sounding Request in Sequential Sounding | Ross Jian Yu | Presented | Sounding | Joint |
| [950r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0950-02-00be-partial-bandwidth-feedback-for-multi-ru.pptx) | Partial Bandwidth Feedback for Multi-RU | Eunsung Jeon | Pending | Sounding | Joint |
| [1036r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1036-00-00be-terminology-for-soft-ap-mld.pptx) | Terminology for Soft AP MLD | Jinjing Jiang | Pending | General | Joint |
| [1015r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-00-00be-eht-ndpa-frame-design-discussion.pptx) | EHT NDPA Frame Design Discussion | Chenchen Liu | Pending | Sounding | Joint |
| [1192r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1192-00-00be-tb-ppdu-format-signaling-in-trigger-frame.pptx) | TB PPDU Format Signaling in Trigger Frame | Geonjung Ko | Presented | Trigger | Joint |
| [1247r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1247-00-00be-virtual-bss-for-multi-ap-coordination.pptx) | Virtual bss for multi ap coodination | Jay Yang | Pending | MAP-General | Joint |
| [1399r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1399-00-00be-on-joint-c-sr-and-c-ofdma-m-ap-transmission.pptx) | On Joint C-SR and C-OFDMA M-AP TX | Rui Yang | Pending | MAP-General | Joint |
| [1435r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1435-00-00be-eht-ndpa-frame-design.pptx) | EHT NDPA frame design | Cheng Chen | Pending | Sounding | Joint |
| [1436r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1436-00-00be-ndpa-and-mimo-control-field-design-for-eht.pptx) | NDPA and MIMO Control Field Design for EHT | Sameer Vermani | Pending | Sounding | Joint |
| [1429r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-00-00be-enhanced-trigger-frame-for-eht-support.pptx) | Enhanced Trigger Frame for EHT Support | Steve Shellhammer | Presented | Trigger | Joint |
|  |  |  |  |  |  |
| End of Joint Queue | | | | | |
| [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) | EDCA queue for RTA | Liangxiao Xin | Presented | Low-Latency | MAC |
| [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 | Deferred | ML-Mgmt. | MAC |
| ~~1047r0~~ | ~~Latency sensitive link operation: Part 1~~ | ~~Chunyu Hu~~ | ~~No Doc In Server~~ | ~~Low-Latency~~ | ~~MAC~~ |
| ~~1048r0~~ | ~~Latency sensitive link operation: Part 2~~ | ~~Chunyu Hu~~ | ~~No Doc In Server~~ | ~~Low-Latency~~ | ~~MAC~~ |
| ~~1050r0~~ | ~~MLA: BW Switching~~ | ~~Duncan Ho~~ | ~~No Doc In Server~~ | ~~ML-Constrained ops~~ | ~~MAC~~ |
| ~~1051r0~~ | ~~MLA: UL Aggregation Fairness~~ | ~~Duncan Ho~~ | ~~No Doc In Server~~ | ~~ML-Constrained ops~~ | ~~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 | Pending | MAC-Block Ack | MAC |
| [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-eht-bss-follow-up-eht-bw-nss-mcs-and-he-bw-nss-mcs.pptx) | EHT BSS Operation: EHT BW Nss MCS and HE BW Nss MCS | Liwen Chu | Presented | MAC-General | MAC |
| [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) | Buffer Management for Multi-link Device | Ming Gan | Presented | ML-General | MAC |
| [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) | Multi-link Individual Addressed Management Frame Delivery | Po-Kai Huang | Presented | ML-General | MAC |
| [882r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0882-00-00be-320-mhz-and-16-ss-om-operation.pptx) | 320 MHz and 16 SS OM Operation | Po-Kai Huang | Presented | MAC-General | MAC |
| [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) | Multi-link Group Addressed Data Frame Delivery Follow up | Po-Kai Huang | Presented | ML-General | MAC |
| [923r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0923-00-00be-channel-access-for-constrained-mld.pptx) | Channel-access-for-constrained-mld | Yiqing Li | Presented | ML-Constrained ops | MAC |
| [~~967r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) | ~~Multi-user Triggered P2P Transmission~~ | ~~Ronny Y. Kim~~ | ~~Withdrawn~~ | ~~MAC-General~~ | ~~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 | Pending | ML-Constrained ops | MAC |
| [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) | Yet Another Fast Link Adaptation Attempt | Jinjing Jiang | Presented | MAC-General | MAC |
| [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) | EHT BSS Follow Up: EHT (BSS) Operating Parameter Update | Liwen Chu | Presented | MAC-General | MAC |
| [527r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-00-00be-multi-link-constraint-signaling.pptx) | Multi-link Constraint Signaling | Yongho Seok | Pending | ML-Constrained ops. | MAC |
| ~~1055r0~~ | ~~TID-to-link mapping signaling~~ | ~~Yongho Seok~~ | ~~Withdrawn~~ | ~~ML-Mgmt.~~ | ~~MAC~~ |
| 1056r0 | Peer to Peer ESR STA MLD and ESR AP MLD | Liwen Chu | Pending | ML-Constrained ops | MAC |
| ~~1057r0~~ | ~~MLD critical information announcement~~ | ~~Liwen Chu~~ | ~~No Doc In Server~~ | ~~Low-Latency~~ | ~~MAC~~ |
| [1058r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1058-00-00be-low-latency-support.pptx) | Low Latency Support | Liwen Chu | Presented | Low-Latency | MAC |
| ~~1059r0~~ | ~~6GHz BSS Operation~~ | ~~Liwen Chu~~ | ~~No Doc In Server~~ | ~~MAC-General~~ | ~~MAC~~ |
| [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) | Discussion on Multi-link with Multiple AP MLDs | Yoshihisa Kondo | Presented | ML-General | 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 | Pending | ML-Constrained ops | MAC |
| [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) | Traffic indication of latency sensitive application | Frank Hsu | Presented | Low-Latency | MAC |
| ~~1069r0~~ | ~~MU-RTS/CTS continuation~~ | ~~Jarkko Kneckt~~ | ~~No Doc In Server~~ | ~~MAC-General~~ | ~~MAC~~ |
| [1085r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-00-00be-str-capability-signaling.pptx) | STR-Capability-Signaling | Dibakar Das | Pending | ML-Constrained ops | MAC |
| [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) | MLD AP power save mode consideration | Jay Yang | Presented | ML-General | MAC |
| [1122r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-00-00be-802-11be-architecture-association-discussion.pptx) | 802.11be Architecture/Association Discussion | Joseph Levy | Presented | ML-General | MAC |
| [1131r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1131-00-00be-consideration-on-harq-unit.pptx) | Multi link reference model discussion | Yonggang Fang | Deferred | ML-General | MAC |
| [1140r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1140-00-00be-ecsa-for-multi-link-operation.pptx) | eCSA for multi link operation | Laurent Cariou | Presented | ML-Mgmt. | MAC |
| [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) | Restrictions on MLD Probe | Cheng Chen | Presented | ML-Mgmt. | 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 |
| [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 | Pending | ML-Med Access | MAC |
| [1171r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1171-00-00be-multi-link-ap-network-reference-model-discussion.pptx) | Multi-link ap network reference model discussion | Yonggang Fang | Deferred | ML-General | MAC |
| [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) | Multi-link setup discussion | Yonggang Fang | Presented | ML-Mgmt. | 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 | Pending | ML-Constrained 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 | Pending | ML-Constrained Ops | MAC |
| [~~1246r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1246-00-00be-mlo-link-key-exchange-considerations.pptx) | ~~MLO Link Key Exchange considerations~~ | ~~Jay Yang~~ | ~~Withdrawn~~ | ~~ML-Mgmt.~~ | ~~MAC~~ |
| [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 | Pending | ML-Constrained 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 | Pending | MAC-General | MAC |
| [1324r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1324-00-00be-txop-and-bss-color-fields-in-u-sig.pptx) | TXOP and BSS Color fields in U-SIG | Minyoung Park | Presented | MAC-General | MAC |
| ~~1326r0~~ | ~~EHT bandwidth signaling~~ | ~~Kaiying Lu~~ | ~~No Doc In Server~~ | ~~MAC-General~~ | ~~MAC~~ |
| [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) | Enhancements for QoS and low latency in 802.11be R1 | Dave Cavalcanti | Deferred | Low-Latency | MAC |
| [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) | Access mechanisms to meet the requirements of low latency traffics | Boyce Bo Yang | Presented | Low-Latency | MAC |
| [1396r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1396-00-00be-multi-link-probe-request-design.pptx) | Multi-Link Probe Request Design | Jason Guo | Presented | ML-Mgmt. | MAC |
| [1402r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1402-00-00be-issues-on-mld-power-saving.pptx) | Issues on MLD Power Saving | Ronny Kim | Presented | ML-Power Save | MAC |
| End of MAC Queue | | | | | |
| [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) | 11be spectral mask | Bin Tian | Presented | General | PHY |
| [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) | Spectrum mask for puncturing | Xiaogang Chen | Presented | General | PHY |
| [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) | E-SIG Detection with Different Puncturing Patterns | Junghoon Suh | Presented | Puncturing | PHY |
| [1178r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-00-00be-discussions-on-mu-mimo-signaling.pptx) | Discussions on MU-MIMO Signaling | Mengshi Hu | Presented | MU MIMO | PHY |
| [1180r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-00-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) | Spectrum Mask Requirement for Punctured Transmission | Wook Bong Lee | Presented | Puncturing | PHY |
| [1191r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1191-00-00be-dup-mode-papr-reduction.pptx) | DUP mode PAPR reduction | Ron Porat | Presented | General | PHY |
| [1206r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1206-00-00be-discussions-on-papr-reduction-methods-for-dup-mode.pptx) | Discussions on PAPR Reduction Methods for DUP Mode | Chenchen Liu | Presented | General | PHY |
| [1223r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-01-00be-subcarrier-grouping-for-eht.pptx) | Subcarrier Grouping for EHT | Eunsung Jeon | Presented | General | PHY |
| [1238r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-00-00be-open-issues-on-preamble-design.pptx) | Open Issues on Preamble Design | Sameer Vermani | 6 SPs left | Preamble | PHY |
| [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) | Puncturing patterns for ofdma | Ron Porat | Presented | Puncturing | PHY |
| [1310r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1310-00-00be-coding-bit-in-mu-mimo.pptx) | Coding bit in MU-MIMO | Ron Porat | Presented | MU MIMO | PHY |
| [1311r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-00-00be-2x-320mhz-ltf-design.pptx) | 2x LTF 320MHz sequences | Ron Porat | Presented | Preamble | PHY |
| [1317r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-00-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) | SIG contents discussion for EHT sounding NDP | Ross Jian Yu | Presented | Preamble | PHY |
| [1322r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1322-00-00be-phy-signaling-methodology-for-11be-releases.pptx) | PHY Signaling Methodology for 11be Releases | Rui Yang | Presented | General | PHY |
| [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) | EHT Pre-FEC Padding and Packet Extension | Rui Cao | Presented | General | PHY |
| [1342r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1342-00-00be-eht-sounding-feedback-request-parameters.pptx) | EHT Sounding Feedback Request Parameters | Genadiy Tsodik | Presented | General | PHY |
| [1347r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1347-00-00be-lpi-ppdu-format.pptx) | LPI PPDU Format | Junghoon Suh | Presented | General | PHY |
| [1377r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1377-00-00be-on-tbd-mcss.pptx) | On TBD MCSs | Jianhan Liu | Presented | General | PHY |
| [1375r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-01-00be-eht-nltf-design.pptx) | EHT NLTF Design | Rui Cao | Presented | Preamble | PHY |
| [~~1381r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1381-00-00be-reduction-of-peak-to-average-power-ratio-exploiting-multi-numerology-structure.pptx) | ~~Reduction of Peak to Average Power Ratio Exploiting Multi-Numerology Structure~~ | ~~Ebubekir Memişoğlu~~ | ~~Withdrawn~~ | ~~General~~ | ~~PHY~~ |
| [~~1387r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1387-00-00be-eht-via-reconfigurable-surfaces.pptx) | ~~EHT via Reconfigurable Surfaces~~ | ~~Salah Zegrar~~ | ~~Withdrawn~~ | ~~General~~ | ~~PHY~~ |
| [1439r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1439-00-00be-11be-cca-levels.pptx) | 11be CCA levels | Lin Yang | Presented | General | PHY |
| [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1446-00-00be-pilot-polarities-for-small-m-rus.pptx) | Pilot Polarities for Small M-RUs | Ron Porat | Presented | Multi-RU | PHY |
| End of PHY Queue | | | | | |

## New Technical Presentations’ List

* 6 submissions in the Joint queue
* 19 submissions in the MAC queue
* 2 submission in the PHY queue

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [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 | Pending | MAP-SR | Joint |
| 1469r0 | EHT sounding discussion | Liwen Chu | Pending | Sounding | Joint |
| Requests Received after the Call For Submissions of September | | | | | |
| [1643r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1643-01-00be-implicit-sounding-performance.pptx) | Implicit Sounding Performance | Oren Kedem | Pending | Sounding | Joint |
| [1669r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1669-00-00be-spatial-stream-allocation-in-trigger-frames.pptx) | Spatial-stream-allocation-in-trigger-frames | Mengshi Hu | Pending | 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 | Pending | 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 Sohaib J. Solaija | Pending | MAP-General | Joint |
| End of Joint Queue | | | | | |
| 1365r0 | Further Discussion about Blindness for non-STR MLD | Yunbo Li, | Pending | ML-Constrained ops | MAC |
| 1388r0 | Bandwidth indication of larger than 160MHz for RTS and CTS | Yunbo Li | Pending | 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 | Pending | 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 | Pending | Low Latency | MAC |
| 1459r0 | EHT MU-RTS and CTS frame exchange | Yongho Seok | Pending | MAC-Protection | MAC |
| Requests Received after the Call For Submissions of September | | | | | |
| 1540r0 | Proposals for an NSTR soft AP | Shubhodeep Adhikari | Pending | ML-General | MAC |
| 1545r0 | MLD security considerations | Gaurav Gaurav Patwardhan | Pending | ML-Operation | MAC |
| 1554r0 | ML reconfiguration | Payam Torab | Pending | ML-Mgmt. | MAC |
| 1576r0 | Multilink Management for Non-STR Soft AP | Ronny Yongho Kim | Pending | ML-Mgmt. | MAC |
| 1476r0 | Considerations on the Recovery Procedure in Synchronous ML Operation | Hanseul Hong | Pending | ML-Med Access | MAC |
| 1511r0 | 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 |
| [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 | Pending | Low Latency | MAC |
| 902r0 | Group addressed frames delivery for MLO follow up | Ming Gan | Pending | ML-Operation | MAC |
| 1124r0 | ML element design | Ming Gan | Pending | ML-Mgmt. | MAC |
| 1693r0 | TSPEC-lite | Duncan Ho | Pending | Low Latency | MAC |
| 1692r0 | TDLS handling in MLO | Abhishek Patil | Pending | ML-Operation | MAC |
| End of MAC Queue | | | | | |
| [1132r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1132-00-00be-thoughts-on-extended-range-preamble.pptx) | Thoughts on Extended Range Preamble | Bin Tian | Presented | Preamble | PHY |
| [1441r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) | RU Restriction for 20MHz Operation, | Eunsung Park | Presented | General | PHY |
| [1467r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1467-00-00be-bw320-signaling.pptx) | 320MHz signaling | Ron Porat | Presented | General | PHY |
|  |  |  |  |  |  |
| Requests Received after the Call For Submissions of September | | | | | |
| [1474r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1474-02-00be-ndp-design-for-eht.pptx) | NDP Desing for EHT | Eunsung Jeon | Presented | Preamble | PHY |
| [1515r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1515-01-00be-signaling-for-various-transmission-modes-of-mu-ppdu.pptx) | Signaling for various transmission modes of MU PPDU | Dongguk Lim | Presented | Preamble | PHY |
| [1546r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1546-00-00be-u-sig-design-for-tb-ppdu.pptx) | U-SIG Design sfor TB PPDU | Alice Chen | Presented | SIG | PHY |
| [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 | Pending | MU MIMO | PHY |
| [1623r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1623-00-00be-multi-ru-indication-in-ru-allocation-subfield-follow-up.pptx) | Multi-RU Indication in RU Allocation Subfield Follow up | Mengshi Hu | Presented | Multi-RU | 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 | Presented | General | 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 Tugberk Dogukan | ReSched. Nov | General | PHY |
| End of PHY Queue | | | | | |

## Order of Topics

### Joint

* Trigger (**2**), Sounding (**1+1+1**), Multi-RU (**0**), General (**1**), MAP-General (**2+1**), MAP-SR (**1**), MAP-Protection (0), HARQ (0), MAP-TDMA (0), Low Lat (0), MAP-MU MIMO (0) MAP-CBF (0)**.**

### MAC

* ML-General (**2+1**), MAC-General (**1)**, ML-Power Save (**0**), ML-Mgmt. (**0+5**), ML-Constrained ops, (**8+1**), ML-Operation (**3**), Low-Latency (**0+1+2**), ML-Block Ack (**0**), ML-Architecture (**0**), ML-Med Access (**1+1**), MAC-Medium Access (**0**), MAC-Block Ack (**1**), MAC-Protection (**2**).

### PHY

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

## Proposed Draft Text List

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Type (# TBDs)** | **Session** |
|  |  |  |  |  | JOINT |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| End of Joint Queue | | | | | |
| [1582r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1582-01-00be-ml-ie-complete-profile-indication.docx) | ML IE Complete Profile indication | Abhishek Patil | Done | TBD (1) | MAC |
| [1592r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1592-00-00be-ml-ie-in-authentication-frame.docx) | ML IE in Authentication frame | Abhishek Patil | Done | TBD (2) | MAC |
| [1407r14](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-14-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) | Soft-AP-MLD-Operation | Kaiying Lu | SPed | PDT | MAC |
| [1610r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1610-01-00be-pdt-mac-mlo-6-3-5-and-6-authentication.docx) | MLO-6-3-5-and-6-authentication | Yonggang Fang | Done | PDT | MAC |
| [1611r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1611-01-00be-pdt-mac-mlo-6-3-7-to-9-association.docx) | MLO-6-3-7-to-9-association | Yonggang Fang | Done | PDT | MAC |
| [1659r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1659-01-00be-pdt-mac-mlo-6-3-7-to-6-3-9-association-1.docx) | MAC MLO 6.3.7 to 6.3.9 Association 1 | Zhiqiang Han | Done | PDT | MAC |
| [1651r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1651-00-00be-pdt-tbds-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx) | MLO Discovery- Discovery procedures including probing and RNR | Laurent Cariou | Presented | TBD (4) | MAC |
| [1652r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1652-00-00be-pdt-tbds-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx) | TID-mapping – link management – default mode and enablement | Laurent Cariou | Presented | TBD (1) | MAC |
| [1650r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1650-00-00be-proposed-tbd-fix-for-mld-association-sa-query.docx) | Proposed TBD fix for MLD Association – SA Query | Po-Kai Huang | Done | TBD (0) | MAC |
| End of MAC Queue | | | | | |
| [1584r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1584-00-00be-resolving-tbd-in-section-36-1.docx) | Resolving TBD in section 36.1 | Wook Bong Lee | Deferred | 16 (but adds 2) | PHY |
| [1612r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1612-00-00be-pdt-phy-spatial-configuration-table-typo-fixed.docx) | Spatial-configuration-table-typo-fixed | Ross Jian Yu | Done | Typo | PHY |
|  |  |  |  |  |  |
| End of PHY Queue | | | | | |

## Location and Number of TBDs

* Clause 3: 1
* Clause 4: 0
* Clause 6: 0
* Clause 9: 33
* Clause 10: 0
* Clause 11: 0
* Clause 12: 6
* Clause 26: 0
* Clause 35: 55
* Clause 36: 680

## Teleconference Agendas

### 1st Conf. Call: September 14 (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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 PHY features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
| Xiaogang (T-Block)  Sameer (U-SIG)  Dandan (EHT LTF)  Chenchen (Scrambler)  Sameer (EHT sound. NDP)  Xiaogang (T-mask & S-flat)  Bin (CCA sens)  Xiaogang (TX procedure)  Xiaogang (RX procedure) | 1319, 1351, 1403, 1404, 1447, 1448, 1452, 1307, 1462. | 1315. | [1293r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-01-00be-pdt-phy-scope-and-eht-phy-functions.docx), [1295r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx), [1160r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-04-00be-pdt-phy-mu-mimo.docx), [1327r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1327-01-00be-pdt-eht-ppdu-format.docx), [1153r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-03-00be-pdt-phy-timing-related-parameters.docx), [1260r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1260-04-00be-pdt-phy-eht-stf.docx), [1349r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1349-03-00be-pdt-constellation-mapping.docx), [1231r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1231-03-00be-pdt-phy-beamforming.docx), [1252r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1252-02-00be-pdt-phy-frequency-tolerance.docx), [1253r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-06-00be-pdt-phy-modulation-accuracy.docx), [1254r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-06-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx), [1229r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1229-03-00be-pdt-phy-channel-numbering-and-channelization.docx), [1294r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-04-00be-pdt-phy-eht-plme.docx), [1329r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1329-02-00be-pdt-eht-preamble-l-stf-l-ltf-l-sig-and-rl-sig.docx), [1290r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1290-03-00be-pdt-phy-parameters-for-eht-mcss.docx), [1276r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-07-00be-pdt-phy-eht-preamble-eht-sig.docx), [1371r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-04-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx), [1338r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1338-06-00be-pdt-phy-eht-modulation-and-coding-eht-mcss.docx), [1339r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-05-00be-pdt-phy-data-field-coding.docx), [1337r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1337-03-00be-pdt-phy-mathematical-description-of-signals.docx), [1340r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-02-00be-pdt-phy-packet-extension.docx). |

* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1290r](https://mentor.ieee.org/802.11/dcn/20/11-20-1290-03-00be-pdt-phy-parameters-for-eht-mcss.docx)3 Parameters-for-EHT-MCSs Yujin Noh [SP]
  + [1276r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-07-00be-pdt-phy-eht-preamble-eht-sig.docx) EHT-preamble-EHT-SIG Ross Jian Yu [SP]
  + [1315r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1315-01-00be-draft-text-for-support-for-large-bandwidth.docx) Support for large bandwidth Yan Xin [SP]
  + [1371r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-04-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx) Subcarriers-and-resource-allocation-for-wideband Yan Xin [SP]
  + [1338r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1338-04-00be-pdt-phy-eht-modulation-and-coding-eht-mcss.docx) EHT Modulation and Coding (EHT-MCSs) Rethna Pulikkoonattu
  + [1339r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-04-00be-pdt-phy-data-field-coding.docx) Data-field-Coding Yan Zhang
  + [1337r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1337-01-00be-pdt-phy-mathematical-description-of-signals.docx) Mathematical description of signals Yan Zhang
  + [1340r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-01-00be-pdt-phy-packet-extension.docx) Packet Extension Yan Zhang
  + [1319r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1319-01-00be-pdt-phy-preamble-puncture.docx) Preamble-Puncture Oded Redlich
  + [1351r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1351-03-00be-pdt-phy-pilot.docx) Pilot Jinyoung Chun
  + [1403r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1403-00-00be-pdt-phy-txvector-rxvector-trigvector-config-vector.doc) TX/RXVECTOR-TRIGVECTOR-CONFIG\_VECTOR Bo Sun
  + [1404r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1404-00-00be-pdt-phy-support-for-non-ht-ht-vht-he-format-and-regulatory.doc) Support-for-NON-HT-HT-VHT-HE-Format-and-Reg. Bo Sun
  + [1447r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1447-01-00be-pdt-subcarriers-and-resource-allocation-for-multiple-rus.docx) Subcarriers and Resource Allocation for Multiple RUs Jianhan Liu
  + [1448r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1448-00-00be-pdt-resource-unit-interleaving-for-rus-and-multipe-rus.docx) Resource unit-Interleaving for RUs and Multipe RUs Jianhan Liu
  + [14520](https://mentor.ieee.org/802.11/dcn/20/11-20-1452-00-00be-pdt-segment-parser.docx) PDT-Segment Parser Jianhan Liu
  + [1307r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1307-00-00be-pdt-phy-introduction-to-eht-phy.docx) Introduction-to-EHT-PHY Bin Tian
  + [1462r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1462-00-00be-pdt-phy-tx-mask.docx) PHY-Tx-Mask Xiaogang Chen
* Technical Submissions:
  + [1135r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1135-03-00be-papr-issues-for-eht-er-su-ppdu.pptx) PAPR Issues for EHT ER SU PPDU Eunsung Park [3 SPs]
  + [1161r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-00-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial bandwidth feedback. Bin Tian [SPs]
  + [1223r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-01-00be-subcarrier-grouping-for-eht.pptx) Subcarrier Grouping for EHT Eunsung Jeon
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [1180r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-00-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum mask requirement for punctured Transmission Wookbong Lee
  + [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) Spectrum mask for puncturing Xiaogang Chen
  + [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) E-SIG Detection with Different Puncturing Patterns Junghoon Suh
  + [1191r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1191-00-00be-dup-mode-papr-reduction.pptx) DUP mode PAPR reduction Ron Porat
  + [1178r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-00-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu
  + [1180r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-00-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum Mask Requirement for Punctured Transmission Wook Bong Lee
  + [1206r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1206-00-00be-discussions-on-papr-reduction-methods-for-dup-mode.pptx) Discussions on PAPR Reduction Methods for DUP Mode ChenChen Liu
  + [1238r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-00-00be-open-issues-on-preamble-design.pptx) Open Issues on Preamble Design Sameer Vermani
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1310r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1310-00-00be-coding-bit-in-mu-mimo.pptx) Coding bit in MU-MIMO Ron Porat
  + [1311r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-00-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat
  + [1317r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-00-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG-contents-discussion-for-eht-sounding-ndp Ross Yu

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

* AoB:
* Adjourn

### 1st Conf. Call: September 14 (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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 MAC features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  | 1359, 1353, 1281, 1336, 1395, 1320, 1274, 1332, 1333, 1409, 1407, 1434, 1408, 1440, 1445 | 1292, 1359, 1353 | [1256r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-03-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), [1255r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-04-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), [1272r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-01-00be-pdt-mac-mlo-multiple-bssid-procedure.docx), [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx), [1291r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-12-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx), [1271r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-07-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx), [1275r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-04-00be-mac-pdt-mlo-ba-procedure.docx), [1270r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-04-00be-pdt-mac-mlo-power-save-procedures.docx)  [1300r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-08-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx), [1299r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-06-00be-pdt-mac-mlo-multi-link-channel-access-str.docx) |

* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1300r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-05-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx) MLO-Multi-link-setup-usage-and-rules-of-ML-IE Insun Jang [SP]
  + [1299r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-05-00be-pdt-mac-mlo-multi-link-channel-access-str.docx) MLO-multi-link-channel-access-str Insun Jang [SP]
  + [1359r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1359-01-00be-pdt-mac-eht-operation-element.docx) EHT Operation element Guogang Huang [SP]
  + [1353r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1353-01-00be-pdt-mac-eht-bss-operation.docx) EHT BSS operation Liwen Chu [SP]
  + [1309r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-03-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx) ML General, Authentication, Association, and Setup Po-Kai Huang [SP]
  + [~~1281r2~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-02-00be-pdt-mac-txop-bandwidth-signaling.docx) ~~TXOP-Bandwidth Signaling Kaiying Lu [SP]~~
  + [1336r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1336-02-00be-11be-spec-text-for-mlo-ba-share-and-extension-of-sn-space.docx) MLO BA: share and extension of SN space Liwen Chu [SP]
  + [1395r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-00-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx) Multi-Link-Channel-Access-General-Non-STR Matthew Fischer [SP]
  + [1320r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1320-03-00be-pdt-mac-mlo-multi-link-channel-access-capability-signaling.docx) Multi-link-channel-access-capability-signaling Yunbo Li
  + [1274r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-00-00be-mac-pdt-mlo-ml-ie-structure.docx) ML-IE-Structure Abhishek Patil
  + [1332r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1332-02-00be-pdt-mac-mlo-bss-parameter-update.docx) MLO BSS parameter update Ming Gan
  + [1333r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1333-01-00be-pdt-mac-mlo-discovery-ml-ie-usage-rules-in-the-context-of-discovery.docx) ML IE usage/rules in the context of discovery Ming Gan
  + [1407r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-02-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) Soft-AP-MLD-Operation Kaiying Lu
  + [1409r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1409-01-00be-pdt-mac-sta-id.docx) STA-ID Yongho Seok
  + [1434r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1434-00-00be-pdt-for-ns-ep-priority-access.docx) NS/EP Priority Access Subir Das
  + [1408r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1408-00-00be-pdt-mac-txop-preamble-puncturing.docx) TXOP-Preamble-Puncturing Yanjun Sun
  + [1440r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1440-00-00be-pdt-mac-mlo-enhanced-multi-link-operation-mode.docx) MLO enhanced multi-link operation mode Young Hoon Kwon
  + 1445r0 MLO-Setup-Security Duncan Ho
  + [1411r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1411-00-00be-pdt-mac-mlo-group-addressed-data-frame.docx) Group addressed data delivery Kaiying Lu
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [105r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-07-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx)[SP2], [1046r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-03-00be-prioritized-edca-channel-access-slot-management.pptx)[SPs], [712r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-04-00be-bqr-for-320mhz.pptx)[1 SP], [772r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-02-00be-multi-link-element-format.pptx)[SPs], [993r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-07-00be-sync-ml-operations-of-non-str-device.pptx)[SP], [669r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-05-00be-mld-transition.pptx)[SP], [974r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-01-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx)[SP], [921r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-02-00be-discussion-about-str-capabilities-indication.pptx)[SP2], [1009r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-03-00be-multi-link-hidden-terminal-followup.pptx)[SP]
* 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
  + ~~1055r0 TID-to-link mapping ignalling Yongho Seok\*~~
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen
  + [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) Multi-link setup discussion Yonggang Fang
  + [1246r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1246-00-00be-mlo-link-key-exchange-considerations.pptx) MLO Link Key Exchange considerations Jay Yang
  + ~~1396r0 Multi-Link Probe Request Design Jason Guo\*~~
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin
  + ~~1047r0 Latency sensitive link operation: Part 1 Chunyu Hu\*~~
  + ~~1048r0 Latency sensitive link operation: Part 2 Chunyu Hu\*~~
  + ~~1057r0 MLD critical information announcement Liwen Chu\*~~
  + ~~1058r0 Low Latency Support Liwen Chu\*~~
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + ~~882r0 320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB:
* Recess

### 2rd Conf. Call: September 15 (19:00–21:00 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.
* Call for nominations of Tgbe officers
  + Vicechairs and Secretary
* Towards Tgbe D0.1 Draft**–Status and Updates (Edward)**
  + PDT Status for R1 PHY features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
| Dandan (EHT LTF)-soon  Chenchen (Scrambler)-soon  Bin (CCA sens)-(after D0.1) | 1319, 1351, 1403, 1404, 1447, 1448, 1452, 1307, 1462, 1464, 1466, 1480, 1479. | 1315. | [1293r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-01-00be-pdt-phy-scope-and-eht-phy-functions.docx), [1295r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx), [1160r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-04-00be-pdt-phy-mu-mimo.docx), [1327r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1327-01-00be-pdt-eht-ppdu-format.docx), [1153r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-03-00be-pdt-phy-timing-related-parameters.docx), [1260r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1260-04-00be-pdt-phy-eht-stf.docx), [1349r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1349-03-00be-pdt-constellation-mapping.docx), [1231r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1231-03-00be-pdt-phy-beamforming.docx), [1252r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1252-02-00be-pdt-phy-frequency-tolerance.docx), [1253r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-06-00be-pdt-phy-modulation-accuracy.docx), [1254r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-06-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx), [1229r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1229-03-00be-pdt-phy-channel-numbering-and-channelization.docx), [1294r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-04-00be-pdt-phy-eht-plme.docx), [1329r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1329-02-00be-pdt-eht-preamble-l-stf-l-ltf-l-sig-and-rl-sig.docx), [1290r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1290-03-00be-pdt-phy-parameters-for-eht-mcss.docx), [1276r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-07-00be-pdt-phy-eht-preamble-eht-sig.docx), [1371r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-04-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx), [1338r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1338-06-00be-pdt-phy-eht-modulation-and-coding-eht-mcss.docx), [1339r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-05-00be-pdt-phy-data-field-coding.docx), [1337r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1337-03-00be-pdt-phy-mathematical-description-of-signals.docx), [1340r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-02-00be-pdt-phy-packet-extension.docx). |

* + PDT Status for R1 MAC features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  | 1320, 1274, 1332, 1333, 1409, 1407, 1434, 1408, 1440, 1445, 1411. | 1292, 1359, 1353. | [1256r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-03-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), [1255r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-04-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), [1272r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-01-00be-pdt-mac-mlo-multiple-bssid-procedure.docx), [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx), [1291r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-12-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx), [1271r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-07-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx), [1275r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-04-00be-mac-pdt-mlo-ba-procedure.docx), [1270r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-04-00be-pdt-mac-mlo-power-save-procedures.docx)  [1300r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-08-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx), [1299r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-06-00be-pdt-mac-mlo-multi-link-channel-access-str.docx). |

* + Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**None.
* Technical Submissions**-Trigger**
  + [764r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0764-01-00be-trigger-consideration.pptx) Trigger Consideration Liwen Chu
  + [828r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0828-01-00be-ru-allocation-subfield-design-for-eht-trigger-frame.pptx) RU Allocation Subfield Design 4 EHT Trigger Frame Myeongjin Kim
  + [831r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0831-00-00be-trigger-frame-for-frequency-domain-a-ppdu-support.pptx) Trigger Frame 4 Frequency-domain A-PPDU Support Jonghun Han
  + [840r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0840-00-00be-backward-compatible-eht-trigger-frame.pptx) Backward compatible EHT trigger frame Ming Gan
  + [1192r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1192-00-00be-tb-ppdu-format-signaling-in-trigger-frame.pptx) TB PPDU Format Signaling in Trigger Frame Geonjung Ko
  + [1429r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-01-00be-enhanced-trigger-frame-for-eht-support.pptx) Enhanced Trigger Frame for EHT Support Steve Shellhammer
* Technical Submissions**-Sounding**
  + [848r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0848-00-00be-sounding-request-in-sequential-sounding.pptx) Sounding Request in Sequential Sounding Ross Jian Yu
  + [950r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0950-03-00be-partial-bandwidth-feedback-for-multi-ru.pptx) Partial Bandwidth Feedback for Multi-RU Eunsung Jeon
  + [1015r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-01-00be-eht-ndpa-frame-design-discussion.pptx) EHT NDPA Frame Design Discussion Chenchen Liu
  + [1435r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1435-01-00be-eht-ndpa-frame-design.pptx) EHT NDPA frame design Cheng Chen
  + [1436r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1436-00-00be-ndpa-and-mimo-control-field-design-for-eht.pptx) NDPA and MIMO Control Field Design for EHT Sameer Vermani
* AoB: Questions for agenda next Joint conf call
* Recess

### 3rd Conf. Call: September 16 (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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 MAC features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  | 1320, 1274, 1332, 1333, 1407, 1409, 1434, 1408, 1440, 1445, 1411. | , 13091336, 1395 (III), 1292. | [1256r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-03-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), [1255r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-04-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), [1272r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-01-00be-pdt-mac-mlo-multiple-bssid-procedure.docx), [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx), [1291r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-12-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx), [1271r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-07-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx), [1275r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-04-00be-mac-pdt-mlo-ba-procedure.docx), [1270r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-04-00be-pdt-mac-mlo-power-save-procedures.docx),  [1300r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-08-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx), [1299r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-06-00be-pdt-mac-mlo-multi-link-channel-access-str.docx), 1359r4, 1353r5, 1309r5 (I, II), 1281r4 |

* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1359r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1359-02-00be-pdt-mac-eht-operation-element.docx) EHT Operation element Guogang Huang [SP]
  + [1353r](https://mentor.ieee.org/802.11/dcn/20/11-20-1353-02-00be-pdt-mac-eht-bss-operation.docx)5 EHT BSS operation Liwen Chu [SP]
  + [1309r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-04-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx) ML General, Authentication, Association, and Setup Po-Kai Huang [SP]
  + [1281r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-02-00be-pdt-mac-txop-bandwidth-signaling.docx) TXOP-Bandwidth Signaling Kaiying Lu [SP]
  + [1336r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1336-02-00be-11be-spec-text-for-mlo-ba-share-and-extension-of-sn-space.docx) MLO BA: share and extension of SN space Liwen Chu [SP]
  + [1395r9](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-00-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx) Multi-Link-Channel-Access-General-Non-STR Matthew Fischer [SP]
  + [1292r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-05-00be-pdt-mac-mlo-power-save-traffic-indication.docx) MLO Power Save Traffic Indication Minyoung Park [SP]
  + [1320r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1320-03-00be-pdt-mac-mlo-multi-link-channel-access-capability-signaling.docx) Multi-link-channel-access-capability-signaling Yunbo Li
  + [1274r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-00-00be-mac-pdt-mlo-ml-ie-structure.docx) ML-IE-Structure Abhishek Patil
  + [1332r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1332-02-00be-pdt-mac-mlo-bss-parameter-update.docx) MLO BSS parameter update Ming Gan
  + [1333r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1333-01-00be-pdt-mac-mlo-discovery-ml-ie-usage-rules-in-the-context-of-discovery.docx) ML IE usage/rules in the context of discovery Ming Gan
  + [1407r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-02-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) Soft-AP-MLD-Operation Kaiying Lu
  + [1409r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1409-01-00be-pdt-mac-sta-id.docx) STA-ID Yongho Seok
  + [1434r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1434-00-00be-pdt-for-ns-ep-priority-access.docx) NS/EP Priority Access Subir Das
  + [1408r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1408-00-00be-pdt-mac-txop-preamble-puncturing.docx) TXOP-Preamble-Puncturing Yanjun Sun
  + [1440r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1440-00-00be-pdt-mac-mlo-enhanced-multi-link-operation-mode.docx) MLO enhanced multi-link operation mode Young Hoon Kwon
  + 1445r0 MLO-Setup-Security Duncan Ho
  + [1411r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1411-00-00be-pdt-mac-mlo-group-addressed-data-frame.docx) Group addressed data delivery Kaiying Lu
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [105r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-07-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx)[SP2], [1046r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-03-00be-prioritized-edca-channel-access-slot-management.pptx)[SPs], [712r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-04-00be-bqr-for-320mhz.pptx)[1 SP], [772r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-02-00be-multi-link-element-format.pptx)[SPs], [993r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-07-00be-sync-ml-operations-of-non-str-device.pptx)[SP], [669r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-05-00be-mld-transition.pptx)[SP], [974r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-01-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx)[SP], [921r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-02-00be-discussion-about-str-capabilities-indication.pptx)[SP2], [1009r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-03-00be-multi-link-hidden-terminal-followup.pptx)[SP]
* 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
  + ~~1055r0 TID-to-link mapping ignalling Yongho Seok\*~~
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen
  + [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) Multi-link setup discussion Yonggang Fang
  + [1246r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1246-00-00be-mlo-link-key-exchange-considerations.pptx) MLO Link Key Exchange considerations Jay Yang
  + ~~1396r0 Multi-Link Probe Request Design Jason Guo\*~~
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin
  + ~~1047r0 Latency sensitive link operation: Part 1 Chunyu Hu\*~~
  + ~~1048r0 Latency sensitive link operation: Part 2 Chunyu Hu\*~~
  + ~~1057r0 MLD critical information announcement Liwen Chu\*~~
  + ~~1058r0 Low Latency Support Liwen Chu\*~~
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + ~~882r0 320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB:
* Adjourn

### 4th Conf. Call: September 17 (09:00–10:00 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.
* Motions: [841r22](https://mentor.ieee.org/802.11/dcn/20/11-20-0841-22-00be-tgbe-motions-list-for-teleconferences.pptx) Tgbe motions list for teleconferences
* Towards Tgbe D0.1 Draft**–Status and Updates (Edward)–**[997r41](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-41-00be-tgbe-spec-text-volunteers-and-status.docx)
  + PDT Status for R1 MAC features:

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| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  | 1320, 1274, 1332, 1333, 1407, 1409, 1434, 1408, 1440, 1445, 1411, 1431. | 1309 (III), 1336, 1395, 1292. | [1256r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-03-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), [1255r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-04-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), [1272r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-01-00be-pdt-mac-mlo-multiple-bssid-procedure.docx), [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx), [1291r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-12-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx), [1271r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-07-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx), [1275r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-04-00be-mac-pdt-mlo-ba-procedure.docx), [1270r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-04-00be-pdt-mac-mlo-power-save-procedures.docx), [1300r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-08-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx), [1299r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-06-00be-pdt-mac-mlo-multi-link-channel-access-str.docx), [1359r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1359-04-00be-pdt-mac-eht-operation-element.docx), [1353r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1353-05-00be-pdt-mac-eht-bss-operation.docx), [1309r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-05-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx) (I, II), [1281r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-04-00be-pdt-mac-txop-bandwidth-signaling.docx) |

* + PDT Status for R1 PHY features:

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| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  | 1319, 1351, 1403, 1404, 1447, 1448, 1452, 1307, 1462, 1464, 1466, 1480, 1479, 1494, 1495. | 1315. | [1293r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-01-00be-pdt-phy-scope-and-eht-phy-functions.docx), [1295r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx), [1160r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-04-00be-pdt-phy-mu-mimo.docx), [1327r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1327-01-00be-pdt-eht-ppdu-format.docx), [1153r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-03-00be-pdt-phy-timing-related-parameters.docx), [1260r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1260-04-00be-pdt-phy-eht-stf.docx), [1349r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1349-03-00be-pdt-constellation-mapping.docx), [1231r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1231-03-00be-pdt-phy-beamforming.docx), [1252r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1252-02-00be-pdt-phy-frequency-tolerance.docx), [1253r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-06-00be-pdt-phy-modulation-accuracy.docx), [1254r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-06-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx), [1229r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1229-03-00be-pdt-phy-channel-numbering-and-channelization.docx), [1294r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-04-00be-pdt-phy-eht-plme.docx), [1329r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1329-02-00be-pdt-eht-preamble-l-stf-l-ltf-l-sig-and-rl-sig.docx), [1290r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1290-03-00be-pdt-phy-parameters-for-eht-mcss.docx), [1276r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-07-00be-pdt-phy-eht-preamble-eht-sig.docx), [1371r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-04-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx), [1338r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1338-06-00be-pdt-phy-eht-modulation-and-coding-eht-mcss.docx), [1339r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-05-00be-pdt-phy-data-field-coding.docx), [1337r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1337-03-00be-pdt-phy-mathematical-description-of-signals.docx), [1340r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-02-00be-pdt-phy-packet-extension.docx). |

* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + None.
* Technical Submissions**-Trigger**
  + [831r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0831-00-00be-trigger-frame-for-frequency-domain-a-ppdu-support.pptx) Trigger Frame 4 Frequency-domain A-PPDU Support Jonghun Han
  + [840r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0840-00-00be-backward-compatible-eht-trigger-frame.pptx) Backward compatible EHT trigger frame Ming Gan
  + [1192r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1192-00-00be-tb-ppdu-format-signaling-in-trigger-frame.pptx) TB PPDU Format Signaling in Trigger Frame Geonjung Ko
  + [1429r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-01-00be-enhanced-trigger-frame-for-eht-support.pptx) Enhanced Trigger Frame for EHT Support Steve Shellhammer
  + Deferred SPs on topic: Trigger
* Technical Submissions**-Sounding**
  + [848r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0848-00-00be-sounding-request-in-sequential-sounding.pptx) Sounding Request in Sequential Sounding Ross Jian Yu
  + [950r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0950-03-00be-partial-bandwidth-feedback-for-multi-ru.pptx) Partial Bandwidth Feedback for Multi-RU Eunsung Jeon
  + [1015r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-01-00be-eht-ndpa-frame-design-discussion.pptx) EHT NDPA Frame Design Discussion Chenchen Liu
  + [1435r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1435-01-00be-eht-ndpa-frame-design.pptx) EHT NDPA frame design Cheng Chen
  + [1436r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1436-00-00be-ndpa-and-mimo-control-field-design-for-eht.pptx) NDPA and MIMO Control Field Design for EHT Sameer Vermani
* AoB: None.
* Adjourn

### 5th Conf. Call: September 21 (10:00–13:00 ET)–PHY

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - 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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 PHY features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  | 1448, 1452, 1307, 1462, 1464, 1466, 1480, 1479, 1494, 1495. |  | [1293r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-01-00be-pdt-phy-scope-and-eht-phy-functions.docx), [1295r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx), [1160r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-04-00be-pdt-phy-mu-mimo.docx), [1327r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1327-01-00be-pdt-eht-ppdu-format.docx), [1153r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-03-00be-pdt-phy-timing-related-parameters.docx), [1260r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1260-04-00be-pdt-phy-eht-stf.docx), [1349r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1349-03-00be-pdt-constellation-mapping.docx), [1231r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1231-03-00be-pdt-phy-beamforming.docx), [1252r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1252-02-00be-pdt-phy-frequency-tolerance.docx), [1253r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-06-00be-pdt-phy-modulation-accuracy.docx), [1254r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-06-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx), [1229r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1229-03-00be-pdt-phy-channel-numbering-and-channelization.docx), [1294r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-04-00be-pdt-phy-eht-plme.docx), [1329r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1329-02-00be-pdt-eht-preamble-l-stf-l-ltf-l-sig-and-rl-sig.docx), [1290r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1290-03-00be-pdt-phy-parameters-for-eht-mcss.docx), [1276r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-07-00be-pdt-phy-eht-preamble-eht-sig.docx), [1371r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-04-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx), [1338r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1338-06-00be-pdt-phy-eht-modulation-and-coding-eht-mcss.docx), [1339r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-05-00be-pdt-phy-data-field-coding.docx), [1337r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1337-03-00be-pdt-phy-mathematical-description-of-signals.docx), [1340r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-02-00be-pdt-phy-packet-extension.docx), [1315r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1315-06-00be-draft-text-for-support-for-large-bandwidth.docx), [1351r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1351-05-00be-pdt-phy-pilot.docx), [1319r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1319-03-00be-pdt-phy-preamble-puncture.docx), [1403r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1403-04-00be-pdt-phy-txvector-rxvector-trigvector-config-vector.doc), [1404r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1404-02-00be-pdt-phy-support-for-non-ht-ht-vht-he-format-and-regulatory.doc), [1447r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1447-06-00be-pdt-subcarriers-and-resource-allocation-for-multiple-rus.docx). |

* Technical Submissions: **Proposed Draft Text (PDTs) [Each: 20 mins first preso, 10 mins SP]**
  + [1315r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1315-05-00be-draft-text-for-support-for-large-bandwidth.docx) Support for large bandwidth Yan Xin [SP]
  + [1319r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1319-02-00be-pdt-phy-preamble-puncture.docx) Preamble-Puncture Oded Redlich
  + [1351r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1351-03-00be-pdt-phy-pilot.docx) Pilot Jinyoung Chun
  + [1403r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1403-03-00be-pdt-phy-txvector-rxvector-trigvector-config-vector.doc) TX/RXVECTOR-TRIGVECTOR-CONFIG\_VECTOR Bo Sun
  + [1404r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1404-02-00be-pdt-phy-support-for-non-ht-ht-vht-he-format-and-regulatory.doc) Support-for-NON-HT-HT-VHT-HE-Format-and-Reg. Bo Sun
  + [1447r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1447-02-00be-pdt-subcarriers-and-resource-allocation-for-multiple-rus.docx) Subcarriers and Resource Allocation for Multiple RUs Jianhan Liu
  + [1448r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1448-04-00be-pdt-resource-unit-interleaving-for-rus-and-multipe-rus.docx) Resource unit-Interleaving for RUs and Multipe RUs Jianhan Liu
  + [1452r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1452-02-00be-pdt-segment-parser.docx) Segment Parser Jianhan Liu
  + [1307r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1307-01-00be-pdt-phy-introduction-to-eht-phy.docx) Introduction-to-EHT-PHY Bin Tian
  + [1462r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1462-01-00be-pdt-phy-tx-mask.docx) PHY-Tx-Mask Xiaogang Chen
  + [1464r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1464-00-00be-pdt-phy-u-sig.docx) PHY U-SIG Sameer Vermani
  + [1466r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) PHY EHT Sounding NDP Sameer Vermani
  + [1480r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1480-00-00be-pdt-phy-s-flatness.docx) PHY-S\_flatness Xiaogang Chen
  + [1479r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1479-00-00be-pdt-phy-t-block.docx) PHY-T\_block Xiaogang Chen
  + [1494r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1494-01-00be-pdt-of-eht-phy-data-scrambler-and-descrambler.docx) PHY DATA scrambler and descrambler Chenchen LIU
  + [1495r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1495-01-00be-pdt-of-eht-ltf-sequences.docx) EHT LTF sequences Chenchen LIU
* Technical Submissions:
  + [1135r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1135-03-00be-papr-issues-for-eht-er-su-ppdu.pptx) PAPR Issues for EHT ER SU PPDU Eunsung Park [3 SPs]
  + [1161r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-00-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial bandwidth feedback. Bin Tian [SPs]
  + [1223r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-01-00be-subcarrier-grouping-for-eht.pptx) Subcarrier Grouping for EHT Eunsung Jeon
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [1180r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-00-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum mask requirement for punctured Transmission Wookbong Lee
  + [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) Spectrum mask for puncturing Xiaogang Chen
  + [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) E-SIG Detection with Different Puncturing Patterns Junghoon Suh
  + [1191r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1191-00-00be-dup-mode-papr-reduction.pptx) DUP mode PAPR reduction Ron Porat
  + [1178r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-00-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu
  + [1180r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-00-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum Mask Requirement for Punctured Transmission Wook Bong Lee
  + [1206r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1206-00-00be-discussions-on-papr-reduction-methods-for-dup-mode.pptx) Discussions on PAPR Reduction Methods for DUP Mode ChenChen Liu
  + [1238r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-00-00be-open-issues-on-preamble-design.pptx) Open Issues on Preamble Design Sameer Vermani
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1310r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1310-00-00be-coding-bit-in-mu-mimo.pptx) Coding bit in MU-MIMO Ron Porat
  + [1311r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-00-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat
  + [1317r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-00-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG-contents-discussion-for-eht-sounding-ndp Ross Yu

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

* AoB:
* Adjourn

### 5th Conf. Call: September 21 (10:00–13:00 ET)–MAC

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

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

* + **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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 MAC features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  | 1409, 1434, 1408, 1440, 1445, 1411, 1431. | 1395, 1320, 1274, 1332, 1333, 1407. | [1256r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-03-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), [1255r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-04-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), [1272r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-01-00be-pdt-mac-mlo-multiple-bssid-procedure.docx), [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx), [1291r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-12-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx), [1271r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-07-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx), [1275r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-04-00be-mac-pdt-mlo-ba-procedure.docx), [1270r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-04-00be-pdt-mac-mlo-power-save-procedures.docx), [1300r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-08-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx), [1299r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-06-00be-pdt-mac-mlo-multi-link-channel-access-str.docx), [1359r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1359-04-00be-pdt-mac-eht-operation-element.docx), [1353r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1353-05-00be-pdt-mac-eht-bss-operation.docx), [1309r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-06-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx), [1281r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-04-00be-pdt-mac-txop-bandwidth-signaling.docx), [1336r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1336-05-00be-11be-spec-text-for-mlo-ba-share-and-extension-of-sn-space.docx), [1292r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-06-00be-pdt-mac-mlo-power-save-traffic-indication.docx) |

* Technical Submissions: **Proposed Draft Text (PDTs) [Each: 20 mins first preso, 10 mins SP]**
  + [1309r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-04-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx) ML General, Authentication, Association, and Setup Po-Kai Huang [SP]
  + [1336r](https://mentor.ieee.org/802.11/dcn/20/11-20-1336-05-00be-11be-spec-text-for-mlo-ba-share-and-extension-of-sn-space.docx)5 MLO BA: share and extension of SN space Liwen Chu [SP]
  + [1395r10](https://mentor.ieee.org/802.11/dcn/20/11-20-1395-10-00be-pdt-mac-mlo-multi-link-channel-access-general-non-str.docx) Multi-Link-Channel-Access-General-Non-STR Matthew Fischer [SP]
  + [1292r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-05-00be-pdt-mac-mlo-power-save-traffic-indication.docx) MLO Power Save Traffic Indication Minyoung Park [SP]
  + [1320r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1320-04-00be-pdt-mac-mlo-multi-link-channel-access-capability-signaling.docx) Multi-link-channel-access-capability-signaling Yunbo Li
  + [1274r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-04-00be-mac-pdt-mlo-ml-ie-structure.docx) ML-IE-Structure Abhishek Patil
  + [1332r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1332-02-00be-pdt-mac-mlo-bss-parameter-update.docx) MLO BSS parameter update Ming Gan
  + [1333r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1333-01-00be-pdt-mac-mlo-discovery-ml-ie-usage-rules-in-the-context-of-discovery.docx) ML IE usage/rules in the context of discovery Ming Gan
  + [1407r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-04-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) Soft-AP-MLD-Operation Kaiying Lu
  + [1409r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1409-02-00be-pdt-mac-sta-id.docx) STA-ID Yongho Seok
  + [1434r](https://mentor.ieee.org/802.11/dcn/20/11-20-1434-01-00be-pdt-for-ns-ep-priority-access.docx)1 NS/EP Priority Access Subir Das
  + [1408r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1408-00-00be-pdt-mac-txop-preamble-puncturing.docx) TXOP-Preamble-Puncturing Yanjun Sun
  + [1440r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1440-02-00be-pdt-mac-mlo-enhanced-multi-link-operation-mode.docx) MLO enhanced multi-link operation mode Young Hoon Kwon
  + [1445r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1445-02-00be-pdt-mac-mlo-setup-security.docx) MLO-Setup-Security Duncan Ho
  + [1411r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1411-01-00be-pdt-mac-mlo-group-addressed-data-frame.docx) Group addressed data delivery Kaiying Lu
  + [1431r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1431-00-00be-proposed-draft-specification-for-individual-addressed-data-delivery-without-ba-negotiation.docx) MLO-TID mapping/Link management: Individual addressed data delivery without BA negotiation Po-Kai Huang
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [105r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-07-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx)[SP2], [1046r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-03-00be-prioritized-edca-channel-access-slot-management.pptx)[SPs], [712r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-04-00be-bqr-for-320mhz.pptx)[1 SP], [772r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-02-00be-multi-link-element-format.pptx)[SPs], [993r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-07-00be-sync-ml-operations-of-non-str-device.pptx)[SP], [669r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-05-00be-mld-transition.pptx)[SP], [974r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-01-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx)[SP], [921r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-02-00be-discussion-about-str-capabilities-indication.pptx)[SP2], [1009r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-03-00be-multi-link-hidden-terminal-followup.pptx)[SP]
* 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
  + ~~1055r0 TID-to-link mapping ignalling Yongho Seok\*~~
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen
  + [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) Multi-link setup discussion Yonggang Fang
  + [1246r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1246-00-00be-mlo-link-key-exchange-considerations.pptx) MLO Link Key Exchange considerations Jay Yang
  + ~~1396r0 Multi-Link Probe Request Design Jason Guo\*~~
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin
  + ~~1047r0 Latency sensitive link operation: Part 1 Chunyu Hu\*~~
  + ~~1048r0 Latency sensitive link operation: Part 2 Chunyu Hu\*~~
  + ~~1057r0 MLD critical information announcement Liwen Chu\*~~
  + ~~1058r0 Low Latency Support Liwen Chu\*~~
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + ~~882r0 320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB:
* Adjourn

### 6th Conf. Call: September 23 (10:00–13:00 ET)–MAC

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

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

* + **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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 MAC features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  | 1434, 1408, 1440, 1445, 1411, 1431. | 1320, 1274, 1332, 1407. | [1256r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-03-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), [1255r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-04-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), [1272r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-01-00be-pdt-mac-mlo-multiple-bssid-procedure.docx), [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx), [1291r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-12-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx), [1271r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-07-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx), [1275r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-04-00be-mac-pdt-mlo-ba-procedure.docx), [1270r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-04-00be-pdt-mac-mlo-power-save-procedures.docx), [1300r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-08-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx), [1299r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-06-00be-pdt-mac-mlo-multi-link-channel-access-str.docx), [1359r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1359-04-00be-pdt-mac-eht-operation-element.docx), [1353r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1353-05-00be-pdt-mac-eht-bss-operation.docx),  [1309r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-06-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx), [1281r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-04-00be-pdt-mac-txop-bandwidth-signaling.docx), [1336r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1336-05-00be-11be-spec-text-for-mlo-ba-share-and-extension-of-sn-space.docx), [1292r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-06-00be-pdt-mac-mlo-power-save-traffic-indication.docx), [1395r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1395-12-00be-pdt-mac-mlo-multi-link-channel-access-general-non-str.docx), [1333r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1333-02-00be-pdt-mac-mlo-discovery-ml-ie-usage-rules-in-the-context-of-discovery.docx), [1409r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1409-03-00be-pdt-mac-sta-id.docx) |

* Technical Submissions: **Proposed Draft Text (PDTs) [Each: 20 mins first preso, 10 mins SP]**
  + [1395r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-00-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx) Multi-Link-Channel-Access-General-Non-STR Matthew Fischer [SP]
  + [~~1320r5~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1320-05-00be-pdt-mac-mlo-multi-link-channel-access-capability-signaling.docx) ~~Multi-link-channel-access-capability-signaling Yunbo Li [SP]~~
  + [~~1274r5~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-05-00be-mac-pdt-mlo-ml-ie-structure.docx) ~~ML-IE-Structure Abhishek Patil [SP]~~
  + [1332r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1332-02-00be-pdt-mac-mlo-bss-parameter-update.docx) MLO BSS parameter update Ming Gan [SP]
  + [1333r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1333-01-00be-pdt-mac-mlo-discovery-ml-ie-usage-rules-in-the-context-of-discovery.docx) ML IE usage/rules in the context of discovery Ming Gan [SP]
  + [1407r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-05-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) Soft-AP-MLD-Operation Kaiying Lu [SP]
  + [1409r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1409-02-00be-pdt-mac-sta-id.docx) STA-ID Yongho Seok
  + [1434r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1434-02-00be-pdt-for-ns-ep-priority-access.docx) NS/EP Priority Access Subir Das
  + [1408r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1408-00-00be-pdt-mac-txop-preamble-puncturing.docx) TXOP-Preamble-Puncturing Yanjun Sun
  + [1440r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1440-02-00be-pdt-mac-mlo-enhanced-multi-link-operation-mode.docx) MLO enhanced multi-link operation mode Young Hoon Kwon
  + [1445r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1445-02-00be-pdt-mac-mlo-setup-security.docx) MLO-Setup-Security Duncan Ho
  + [1411r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1411-01-00be-pdt-mac-mlo-group-addressed-data-frame.docx) Group addressed data delivery Kaiying Lu
  + [1431r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1431-00-00be-proposed-draft-specification-for-individual-addressed-data-delivery-without-ba-negotiation.docx) MLO-TID mapping/Link management: Individual addressed data delivery without BA negotiation Po-Kai Huang
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [105r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-07-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx)[SP2], [1046r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-03-00be-prioritized-edca-channel-access-slot-management.pptx)[SPs], [712r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-04-00be-bqr-for-320mhz.pptx)[1 SP], [772r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-02-00be-multi-link-element-format.pptx)[SPs], [993r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-07-00be-sync-ml-operations-of-non-str-device.pptx)[SP], [669r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-05-00be-mld-transition.pptx)[SP], [974r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-01-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx)[SP], [921r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-02-00be-discussion-about-str-capabilities-indication.pptx)[SP2], [1009r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-03-00be-multi-link-hidden-terminal-followup.pptx)[SP]
* 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
  + ~~1055r0 TID-to-link mapping ignalling Yongho Seok\*~~
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen
  + [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) Multi-link setup discussion Yonggang Fang
  + [1246r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1246-00-00be-mlo-link-key-exchange-considerations.pptx) MLO Link Key Exchange considerations Jay Yang
  + [1396r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1396-00-00be-multi-link-probe-request-design.pptx) Multi-Link Probe Request Design Jason Guo
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin
  + ~~1047r0 Latency sensitive link operation: Part 1 Chunyu Hu\*~~
  + ~~1048r0 Latency sensitive link operation: Part 2 Chunyu Hu\*~~
  + ~~1057r0 MLD critical information announcement Liwen Chu\*~~
  + ~~1058r0 Low Latency Support Liwen Chu\*~~
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + ~~882r0 320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB:
* Adjourn

### 7th Conf. Call: September 24 (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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 PHY features:

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| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  |  | 1494 | [1293r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-01-00be-pdt-phy-scope-and-eht-phy-functions.docx), [1295r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx), [1160r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-04-00be-pdt-phy-mu-mimo.docx), [1327r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1327-01-00be-pdt-eht-ppdu-format.docx), [1153r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-03-00be-pdt-phy-timing-related-parameters.docx), [1260r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1260-04-00be-pdt-phy-eht-stf.docx), [1349r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1349-03-00be-pdt-constellation-mapping.docx), [1231r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1231-03-00be-pdt-phy-beamforming.docx), [1252r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1252-02-00be-pdt-phy-frequency-tolerance.docx), [1253r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-06-00be-pdt-phy-modulation-accuracy.docx), [1254r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-06-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx), [1229r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1229-03-00be-pdt-phy-channel-numbering-and-channelization.docx), [1294r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-04-00be-pdt-phy-eht-plme.docx), [1329r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1329-02-00be-pdt-eht-preamble-l-stf-l-ltf-l-sig-and-rl-sig.docx), [1290r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1290-03-00be-pdt-phy-parameters-for-eht-mcss.docx), [1276r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-07-00be-pdt-phy-eht-preamble-eht-sig.docx), [1371r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-04-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx), [1338r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1338-06-00be-pdt-phy-eht-modulation-and-coding-eht-mcss.docx), [1339r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-05-00be-pdt-phy-data-field-coding.docx), [1337r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1337-03-00be-pdt-phy-mathematical-description-of-signals.docx), [1340r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-02-00be-pdt-phy-packet-extension.docx), [1315r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1315-06-00be-draft-text-for-support-for-large-bandwidth.docx), [1351r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1351-05-00be-pdt-phy-pilot.docx), [1319r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1319-03-00be-pdt-phy-preamble-puncture.docx), [1403r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1403-04-00be-pdt-phy-txvector-rxvector-trigvector-config-vector.doc), [1404r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1404-02-00be-pdt-phy-support-for-non-ht-ht-vht-he-format-and-regulatory.doc), [1447r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1447-06-00be-pdt-subcarriers-and-resource-allocation-for-multiple-rus.docx), [1448r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1448-07-00be-pdt-resource-unit-interleaving-for-rus-and-multipe-rus.docx), [1452r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1452-03-00be-pdt-segment-parser.docx), [1307r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1307-04-00be-pdt-phy-introduction-to-eht-phy.docx), [1462r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1462-02-00be-pdt-phy-tx-mask.docx), [1464](https://mentor.ieee.org/802.11/dcn/20/11-20-1464-02-00be-pdt-phy-u-sig.docx)r2, [1466r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx), [1480r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1480-01-00be-pdt-phy-s-flatness.docx), [1479r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1479-02-00be-pdt-phy-t-block.docx), [1495r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1495-03-00be-pdt-of-eht-ltf-sequences.docx). |

* Technical Submissions: **Proposed Draft Text (PDTs) [Each: 20 mins first preso, 10 mins SP]**
  + Re-SP (addl. Clarifications): [1307r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1307-04-00be-pdt-phy-introduction-to-eht-phy.docx), [1160r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-06-00be-pdt-phy-mu-mimo.docx)
  + [1462r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1462-01-00be-pdt-phy-tx-mask.docx) PHY-Tx-Mask Xiaogang Chen
  + [1464r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1464-00-00be-pdt-phy-u-sig.docx) PHY U-SIG Sameer Vermani
  + [1466r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) PHY EHT Sounding NDP Sameer Vermani
  + [1480r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1480-00-00be-pdt-phy-s-flatness.docx) PHY-S\_flatness Xiaogang Chen
  + [1479r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1479-00-00be-pdt-phy-t-block.docx) PHY-T\_block Xiaogang Chen
  + [1494r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1494-01-00be-pdt-of-eht-phy-data-scrambler-and-descrambler.docx) PHY DATA scrambler and descrambler Chenchen LIU
  + [1495r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1495-01-00be-pdt-of-eht-ltf-sequences.docx) EHT LTF sequences Chenchen LIU
* Technical Submissions:
  + [1191r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1191-00-00be-dup-mode-papr-reduction.pptx) DUP mode PAPR reduction Ron Porat
  + [1206r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1206-00-00be-discussions-on-papr-reduction-methods-for-dup-mode.pptx) Discussions on PAPR Reduction Methods for DUP Mode Chenchen Liu
  + [1135r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1135-03-00be-papr-issues-for-eht-er-su-ppdu.pptx) PAPR Issues for EHT ER SU PPDU Eunsung Park [3 SPs]
  + [1161r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-00-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial bandwidth feedback. Bin Tian [SPs]
  + [1223r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-01-00be-subcarrier-grouping-for-eht.pptx) Subcarrier Grouping for EHT Eunsung Jeon
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [1180r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-00-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum mask requirement for punctured Transmission Wookbong Lee
  + [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) Spectrum mask for puncturing Xiaogang Chen
  + [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) E-SIG Detection with Different Puncturing Patterns Junghoon Suh
  + [1178r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-00-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu
  + [1180r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-00-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum Mask Requirement for Punctured Transmission Wook Bong Lee
  + [1238r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-00-00be-open-issues-on-preamble-design.pptx) Open Issues on Preamble Design Sameer Vermani
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1310r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1310-00-00be-coding-bit-in-mu-mimo.pptx) Coding bit in MU-MIMO Ron Porat
  + [1311r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-00-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat
  + [1317r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-00-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG-contents-discussion-for-eht-sounding-ndp Ross Yu
  + [1347r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1347-01-00be-lpi-ppdu-format.pptx) LPI PPDU format Junghoon Suh
  + [1375r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-01-00be-eht-nltf-design.pptx) EHT NLTF Design Rui Cao
  + [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) EHT pre-FEC padding and packet extension Rui Cao
  + [1132r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1132-00-00be-thoughts-on-extended-range-preamble.pptx) Thoughts on Extended Range Preamble Bin Tian
  + [1377r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1377-00-00be-on-tbd-mcss.pptx) On TBD MCSs Jianhan Liu
  + [1322r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1322-00-00be-phy-signaling-methodology-for-11be-releases.pptx) PHY Signaling Methodology Rui Yang
  + [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) Pilot Polarities for Small M-RUs Ron Porat
  + [1441r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park
  + [1467r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1467-00-00be-bw320-signaling.pptx) 320MHz ignalling Ron Porat
  + [1342r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1342-00-00be-eht-sounding-feedback-request-parameters.pptx) EHT Sounding feedback request parameters Genadiy Tsodik
  + 1515r0 Signaling for various transmission modes of MU PPDU Dongguk Lim

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

* AoB:
* Adjourn

### 7th Conf. Call: September 24 (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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 MAC features:

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| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  |  | 1320, 1274, 1332, 1407, 1434, 1440, 1445, 1411, 1431. | [1256r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-03-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), [1255r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-04-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), [1272r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-01-00be-pdt-mac-mlo-multiple-bssid-procedure.docx), [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx), [1291r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-12-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx), [1271r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-07-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx), [1275r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-04-00be-mac-pdt-mlo-ba-procedure.docx), [1270r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-04-00be-pdt-mac-mlo-power-save-procedures.docx), [1300r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-08-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx), [1299r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-06-00be-pdt-mac-mlo-multi-link-channel-access-str.docx), [1359r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1359-04-00be-pdt-mac-eht-operation-element.docx), [1353r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1353-05-00be-pdt-mac-eht-bss-operation.docx),  [1309r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-06-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx), [1281r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-04-00be-pdt-mac-txop-bandwidth-signaling.docx), [1336r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1336-05-00be-11be-spec-text-for-mlo-ba-share-and-extension-of-sn-space.docx), [1292r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-06-00be-pdt-mac-mlo-power-save-traffic-indication.docx), [1395r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1395-12-00be-pdt-mac-mlo-multi-link-channel-access-general-non-str.docx), [1333r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1333-02-00be-pdt-mac-mlo-discovery-ml-ie-usage-rules-in-the-context-of-discovery.docx), [1409r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1409-03-00be-pdt-mac-sta-id.docx), 1408r2 |

* Technical Submissions: **Proposed Draft Text (PDTs) [Each: 20 mins first preso, 10 mins SP]**
  + [1320r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1320-05-00be-pdt-mac-mlo-multi-link-channel-access-capability-signaling.docx) Multi-link-channel-access-capability-signaling Yunbo Li [SP]
  + [1274r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-05-00be-mac-pdt-mlo-ml-ie-structure.docx) ML-IE-Structure Abhishek Patil [SP]
  + [1332r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1332-02-00be-pdt-mac-mlo-bss-parameter-update.docx) MLO BSS parameter update Ming Gan [SP]
  + [1407r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-05-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) Soft-AP-MLD-Operation Kaiying Lu [SP]
  + [1434r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1434-02-00be-pdt-for-ns-ep-priority-access.docx) NS/EP Priority Access Subir Das [SP]
  + [1408r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1408-00-00be-pdt-mac-txop-preamble-puncturing.docx) TXOP-Preamble-Puncturing Yanjun Sun [SP]
  + [1440r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1440-02-00be-pdt-mac-mlo-enhanced-multi-link-operation-mode.docx) MLO enhanced multi-link operation mode Young Hoon Kwon[SP]
  + [1445r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1445-02-00be-pdt-mac-mlo-setup-security.docx) MLO-Setup-Security Duncan Ho [SP]
  + [1411r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1411-01-00be-pdt-mac-mlo-group-addressed-data-frame.docx) Group addressed data delivery Kaiying Lu [SP]
  + [1431r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1431-00-00be-proposed-draft-specification-for-individual-addressed-data-delivery-without-ba-negotiation.docx) MLO-TID mapping/Link management: Individual addressed data delivery without BA negotiation Po-Kai Huang [SP]
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [105r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-07-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx)[SP2], [1046r](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-05-00be-prioritized-edca-channel-access-slot-management.pptx)5[SPs], [712r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-04-00be-bqr-for-320mhz.pptx)[1 SP], [772r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-02-00be-multi-link-element-format.pptx)[SPs], [993r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-07-00be-sync-ml-operations-of-non-str-device.pptx)[SP], [669r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-05-00be-mld-transition.pptx)[SP], [974r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-01-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx)[SP], [921r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-02-00be-discussion-about-str-capabilities-indication.pptx)[SP2], [1009r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-03-00be-multi-link-hidden-terminal-followup.pptx)[SP]
* 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
  + ~~1055r0 TID-to-link mapping ignalling Yongho Seok\*~~
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen
  + [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) Multi-link setup discussion Yonggang Fang
  + [1246r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1246-00-00be-mlo-link-key-exchange-considerations.pptx) MLO Link Key Exchange considerations Jay Yang
  + [1396r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1396-00-00be-multi-link-probe-request-design.pptx) Multi-Link Probe Request Design Jason Guo
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin
  + ~~1047r0 Latency sensitive link operation: Part 1 Chunyu Hu\*~~
  + ~~1048r0 Latency sensitive link operation: Part 2 Chunyu Hu\*~~
  + ~~1057r0 MLD critical information announcement Liwen Chu\*~~
  + ~~1058r0 Low Latency Support Liwen Chu\*~~
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + ~~882r0 320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB:
* Adjourn

### 8th Conf. Call: September 28 (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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 PHY features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  |  |  | [1293r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-01-00be-pdt-phy-scope-and-eht-phy-functions.docx), [1295r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx), [1160r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-04-00be-pdt-phy-mu-mimo.docx), [1327r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1327-01-00be-pdt-eht-ppdu-format.docx), [1153r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-03-00be-pdt-phy-timing-related-parameters.docx), [1260r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1260-04-00be-pdt-phy-eht-stf.docx), [1349r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1349-03-00be-pdt-constellation-mapping.docx), [1231r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1231-03-00be-pdt-phy-beamforming.docx), [1252r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1252-02-00be-pdt-phy-frequency-tolerance.docx), [1253r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-06-00be-pdt-phy-modulation-accuracy.docx), [1254r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-06-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx), [1229r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1229-03-00be-pdt-phy-channel-numbering-and-channelization.docx), [1294r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-04-00be-pdt-phy-eht-plme.docx), [1329r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1329-02-00be-pdt-eht-preamble-l-stf-l-ltf-l-sig-and-rl-sig.docx), [1290r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1290-03-00be-pdt-phy-parameters-for-eht-mcss.docx), [1276r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-07-00be-pdt-phy-eht-preamble-eht-sig.docx), [1371r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-04-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx), [1338r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1338-06-00be-pdt-phy-eht-modulation-and-coding-eht-mcss.docx), [1339r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-05-00be-pdt-phy-data-field-coding.docx), [1337r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1337-03-00be-pdt-phy-mathematical-description-of-signals.docx), [1340r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1340-02-00be-pdt-phy-packet-extension.docx), [1315r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1315-06-00be-draft-text-for-support-for-large-bandwidth.docx), [1351r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1351-05-00be-pdt-phy-pilot.docx), [1319r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1319-03-00be-pdt-phy-preamble-puncture.docx), [1403r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1403-04-00be-pdt-phy-txvector-rxvector-trigvector-config-vector.doc), [1404r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1404-02-00be-pdt-phy-support-for-non-ht-ht-vht-he-format-and-regulatory.doc), [1447r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1447-06-00be-pdt-subcarriers-and-resource-allocation-for-multiple-rus.docx), [1448r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1448-07-00be-pdt-resource-unit-interleaving-for-rus-and-multipe-rus.docx), [1452r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1452-03-00be-pdt-segment-parser.docx), [1307r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1307-04-00be-pdt-phy-introduction-to-eht-phy.docx), [1462r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1462-02-00be-pdt-phy-tx-mask.docx), [1464](https://mentor.ieee.org/802.11/dcn/20/11-20-1464-02-00be-pdt-phy-u-sig.docx)r2, [1466r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx), [1480r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1480-01-00be-pdt-phy-s-flatness.docx), [1479r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1479-02-00be-pdt-phy-t-block.docx), [1495r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1495-03-00be-pdt-of-eht-ltf-sequences.docx), [1494r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1494-04-00be-pdt-of-eht-phy-data-scrambler-and-descrambler.docx). |

* Technical Submissions: **Proposed Draft Text (PDTs) [Each: 20 mins first preso, 10 mins SP]**
  + [1494r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1494-01-00be-pdt-of-eht-phy-data-scrambler-and-descrambler.docx) PHY DATA scrambler and descrambler Chenchen LIU [SP]
* Technical Submissions: **PHY Discussion on MAC PDT:**
  + [1395r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1395-12-00be-pdt-mac-mlo-multi-link-channel-access-general-non-str.docx) Multi-Link-Channel-Access-General-Non-STR Matthew Fischer [SP]
* Technical Submissions:
  + [1191r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1191-00-00be-dup-mode-papr-reduction.pptx) DUP mode PAPR reduction Ron Porat [SP]
  + [1206r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1206-00-00be-discussions-on-papr-reduction-methods-for-dup-mode.pptx) Discussions on PAPR Reduction Methods for DUP Mode Chenchen Liu [SP]
  + [1238r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-00-00be-open-issues-on-preamble-design.pptx) Open Issues on Preamble Design Sameer Vermani
  + [1317r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-00-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG-contents-discussion-for-eht-sounding-ndp Ross Yu
  + [1474r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1474-01-00be-ndp-design-for-eht.pptx) NDP Design for EHT Eunsung Jeon
  + [1178r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-00-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu
  + [1310r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1310-00-00be-coding-bit-in-mu-mimo.pptx) Coding bit in MU-MIMO Ron Porat
  + [1347r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1347-01-00be-lpi-ppdu-format.pptx) LPI PPDU format Junghoon Suh
  + [1322r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1322-00-00be-phy-signaling-methodology-for-11be-releases.pptx) PHY Signaling Methodology Rui Yang
  + [1515r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1515-01-00be-signaling-for-various-transmission-modes-of-mu-ppdu.pptx) Signaling for various transmission modes of MU PPDU Dongguk Lim
  + [1546r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1546-00-00be-u-sig-design-for-tb-ppdu.pptx) U-SIG Design for TB PPDU Alice Chen
  + [1161r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-00-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial bandwidth feedback. Bin Tian [SPs]
  + [1223r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-01-00be-subcarrier-grouping-for-eht.pptx) Subcarrier Grouping for EHT Eunsung Jeon
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [1180r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-00-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum mask requirement for punctured Transmission Wookbong Lee
  + [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) Spectrum mask for puncturing Xiaogang Chen
  + [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) E-SIG Detection with Different Puncturing Patterns Junghoon Suh
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1311r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-00-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat
  + [1375r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-01-00be-eht-nltf-design.pptx) EHT NLTF Design Rui Cao
  + [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) EHT pre-FEC padding and packet extension Rui Cao
  + [1132r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1132-00-00be-thoughts-on-extended-range-preamble.pptx) Thoughts on Extended Range Preamble Bin Tian
  + [1377r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1377-00-00be-on-tbd-mcss.pptx) On TBD MCSs Jianhan Liu
  + [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) Pilot Polarities for Small M-RUs Ron Porat
  + [1441r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park
  + [1467r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1467-00-00be-bw320-signaling.pptx) 320MHz ignalling Ron Porat
  + [1342r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1342-00-00be-eht-sounding-feedback-request-parameters.pptx) EHT Sounding feedback request parameters Genadiy Tsodik
  + [1381r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1381-00-00be-reduction-of-peak-to-average-power-ratio-exploiting-multi-numerology-structure.pptx) Reduction of Peak to Average Power Ratio Exploiting Multi-Numerology Structure Ebubekir Memişoğlu
  + [1387r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1387-00-00be-eht-via-reconfigurable-surfaces.pptx) EHT via Reconfigurable Surfaces Salah Zegrar
  + [1439r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1439-00-00be-11be-cca-levels.pptx) 11be CCA levels Lin Yang

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

* AoB:
* Adjourn

### 8th Conf. Call: September 28 (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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* PDT Status for R1 MAC features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
|  |  | 1407. | [1256r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-03-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx), [1255r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-05-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx), [1272r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-01-00be-pdt-mac-mlo-multiple-bssid-procedure.docx), [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx), [1291r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-12-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx), [1271r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-07-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx), [1275r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-04-00be-mac-pdt-mlo-ba-procedure.docx), [1270r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-04-00be-pdt-mac-mlo-power-save-procedures.docx), [1300r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-08-00be-pdt-mac-mlo-multi-link-setup-usage-and-rules-of-ml-ie.docx), [1299r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-06-00be-pdt-mac-mlo-multi-link-channel-access-str.docx), [1359r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1359-04-00be-pdt-mac-eht-operation-element.docx), [1353r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1353-05-00be-pdt-mac-eht-bss-operation.docx),  [1309r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-06-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx), [1281r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-04-00be-pdt-mac-txop-bandwidth-signaling.docx), [1336r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1336-05-00be-11be-spec-text-for-mlo-ba-share-and-extension-of-sn-space.docx), [1292r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-06-00be-pdt-mac-mlo-power-save-traffic-indication.docx), [1395r14](https://mentor.ieee.org/802.11/dcn/20/11-20-1395-14-00be-pdt-mac-mlo-multi-link-channel-access-general-non-str.docx), [1333r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1333-02-00be-pdt-mac-mlo-discovery-ml-ie-usage-rules-in-the-context-of-discovery.docx), [1409r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1409-03-00be-pdt-mac-sta-id.docx), [1408r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1408-02-00be-pdt-mac-txop-preamble-puncturing.docx),  [1440r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1440-07-00be-pdt-mac-mlo-enhanced-multi-link-operation-mode.docx), [1445r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1445-06-00be-pdt-mac-mlo-setup-security.docx), [1411r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1411-04-00be-pdt-mac-mlo-group-addressed-data-frame.docx), [1431r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1431-06-00be-proposed-draft-specification-for-individual-addressed-data-delivery-without-ba-negotiation.docx),  [1320r9](https://mentor.ieee.org/802.11/dcn/20/11-20-1320-09-00be-pdt-mac-mlo-multi-link-channel-access-capability-signaling.docx), [1274r9](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-09-00be-mac-pdt-mlo-ml-ie-structure.docx), [1332r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1332-06-00be-pdt-mac-mlo-bss-parameter-update.docx), [1434r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1434-06-00be-pdt-for-ns-ep-priority-access.docx) |

* Technical Submissions: **Proposed Draft Text (PDTs) [Each: 20 mins first preso, 10 mins SP]**
  + [1440r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1440-04-00be-pdt-mac-mlo-enhanced-multi-link-operation-mode.docx) MLO enhanced multi-link operation mode Young Hoon Kwon[SP]
  + [1445r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1445-03-00be-pdt-mac-mlo-setup-security.docx) MLO-Setup-Security Duncan Ho [SP]
  + [1411r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1411-03-00be-pdt-mac-mlo-group-addressed-data-frame.docx) Group addressed data delivery Kaiying Lu [SP]
  + [1431r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1431-03-00be-proposed-draft-specification-for-individual-addressed-data-delivery-without-ba-negotiation.docx) MLO-TID mapping/Link management: Individual addressed data delivery without BA negotiation Po-Kai Huang [SP]
  + [1320r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1320-07-00be-pdt-mac-mlo-multi-link-channel-access-capability-signaling.docx) Multi-link-channel-access-capability-signaling Yunbo Li [SP]
  + [1274r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-07-00be-mac-pdt-mlo-ml-ie-structure.docx) ML-IE-Structure Abhishek Patil [SP]
  + [1332r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1332-04-00be-pdt-mac-mlo-bss-parameter-update.docx) MLO BSS parameter update Ming Gan [SP]
  + [1407r9](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-09-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) Soft-AP-MLD-Operation Kaiying Lu [SP]
  + [1434r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1434-04-00be-pdt-for-ns-ep-priority-access.docx) NS/EP Priority Access Subir Das [SP]
  + Re-SP (addl. Clarifications): [1255r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-05-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx)
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [105r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-07-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx)[SP2], [1046r](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-05-00be-prioritized-edca-channel-access-slot-management.pptx)5[SPs], [712r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-04-00be-bqr-for-320mhz.pptx)[1 SP], [772r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-02-00be-multi-link-element-format.pptx)[SPs], [993r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-07-00be-sync-ml-operations-of-non-str-device.pptx)[SP], [669r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-05-00be-mld-transition.pptx)[SP], [974r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-01-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx)[SP], [921r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-02-00be-discussion-about-str-capabilities-indication.pptx)[SP2], [1009r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-03-00be-multi-link-hidden-terminal-followup.pptx)[SP]
* 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
  + ~~1055r0 TID-to-link mapping ignalling Yongho Seok\*~~
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen
  + [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) Multi-link setup discussion Yonggang Fang
  + [1246r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1246-00-00be-mlo-link-key-exchange-considerations.pptx) MLO Link Key Exchange considerations Jay Yang
  + [1396r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1396-00-00be-multi-link-probe-request-design.pptx) Multi-Link Probe Request Design Jason Guo
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin
  + ~~1047r0 Latency sensitive link operation: Part 1 Chunyu Hu\*~~
  + ~~1048r0 Latency sensitive link operation: Part 2 Chunyu Hu\*~~
  + ~~1057r0 MLD critical information announcement Liwen Chu\*~~
  + ~~1058r0 Low Latency Support Liwen Chu\*~~
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + ~~882r0 320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB:
* Adjourn

### 9th Conf. Call: September 30 (10:00–13:00 ET)–JOINT

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

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

* + **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.
* **Motions (concentrated within the first 90 mins of the call)**
  + [841r24](https://mentor.ieee.org/802.11/dcn/20/11-20-0841-24-00be-tgbe-motions-list-for-teleconferences.pptx) Tgbe motions list for teleconferences
* **Future Telcos Schedules**
  + Currently Planned Telcos for Nov Electronic Plenary (EP):
    - Nov 2 Monday – MAC/PHY 19:00-21:00 ET
    - ~~Nov 3 Tuesday – MAC/PHY 19:00-21:00 ET~~
    - Nov 4 Wednesday – Joint 09:00-11:00 ET
    - ~~Nov 4 Wednesday – MAC/PHY 19:00-21:00 ET~~
    - Nov 5 Thursday – MAC/PHY 09:00-11:00 ET
    - Nov 9 Monday – Joint 09:00-11:00 ET
  + Delete the following telcos (conflict with Nov EP):
    - ~~Nov 02 Monday – MAC/PHY 10:00-13:00 ET~~
    - ~~Nov 05 Thursday – MAC/PHY 19:00-22:00 ET~~
  + Add additional new telcos in October:
    - Oct 14 Wednesday – MAC/PHY 10:00-13:00 ET
    - Oct 21 Wednesday – MAC/PHY 10:00-13:00 ET
    - Oct 28 Wednesday – MAC/PHY 10:00-13:00 ET
  + Plan for November to January
    - Schedule 3 conference calls per week (excluding vacations/holidays)
* **Status of the SFD (Edward)**
  + [997r46](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-46-00be-tgbe-spec-text-volunteers-and-status.docx)
* **Planning Considerations:**
  + D0.1 has ~100 TBDs in MAC clauses & ~700 TBDs in PHY clauses
  + Joint Queues: 16 submissions (14 backlogged)
    - 3 Joint CCs in October (+2 in EP)
  + MAC Queues: 52 submissions (46 backlogged)
    - 5 MAC CCs in October (+ 3 in EP + 3 addl)
  + PHY Queues: 26 submissions (20 backlogged)
    - 5 PHY CCs in October (+ 3 in EP + 3 addl)
  + Queuing priority:

[1] Deferred SPs > [2] Solving D0.1 TBDs > [3] R1 features > [4] R2 features

* + Time allocation\*: [1] up to 10 mins x telco, [2] up to 80 mins x telco, [3] up to 80 mins x telco, [4] up to 10 mins x telco (\*averages and subject to changes for load balancing and prioritization).
  + Draft evolution: D0.2 out in Nov, D0.3 out in Jan, D0.4 out in Mar, D1.0 out in May (Next Major Milestone).
* Technical Submissions**-Trigger**
  + [831r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0831-00-00be-trigger-frame-for-frequency-domain-a-ppdu-support.pptx) Trigger Frame 4 Frequency-domain A-PPDU Support Jonghun Han
  + [840r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0840-00-00be-backward-compatible-eht-trigger-frame.pptx) Backward compatible EHT trigger frame Ming Gan
  + [1192r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1192-00-00be-tb-ppdu-format-signaling-in-trigger-frame.pptx) TB PPDU Format Signaling in Trigger Frame Geonjung Ko
  + [1429r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-01-00be-enhanced-trigger-frame-for-eht-support.pptx) Enhanced Trigger Frame for EHT Support Steve Shellhammer
    - Q&A next call
  + Deferred SPs on topic: Trigger
* Technical Submissions**-Sounding**
  + [848r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0848-00-00be-sounding-request-in-sequential-sounding.pptx) Sounding Request in Sequential Sounding Ross Jian Yu
  + [950r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0950-03-00be-partial-bandwidth-feedback-for-multi-ru.pptx) Partial Bandwidth Feedback for Multi-RU Eunsung Jeon
  + [1015r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-01-00be-eht-ndpa-frame-design-discussion.pptx) EHT NDPA Frame Design Discussion Chenchen Liu
  + [1435r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1435-01-00be-eht-ndpa-frame-design.pptx) EHT NDPA frame design Cheng Chen
  + [1436r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1436-00-00be-ndpa-and-mimo-control-field-design-for-eht.pptx) NDPA and MIMO Control Field Design for EHT Sameer Vermani
* AoB: No time.
* Adjourn

### 10th Conf. Call: October 08 (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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
  + Guidelines for solving TBDs on Tgbe draft: [984r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0984-03-00be-tgbe-teleconference-guidelines.docx)
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1161r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-00-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial bandwidth feedback Bin Tian [SPs]
  + [1238r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-05-00be-open-issues-on-preamble-design.pptx) Open Issues on Preamble Design Sameer Verman [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1584r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1584-00-00be-resolving-tbd-in-section-36-1.docx) Resolving TBD in section 36.1 Wook Bong Lee
* Technical Submissions:

* + [1317r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-00-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG-contents-discussion-for-eht-sounding-ndp Ross Yu
  + [1474r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1474-01-00be-ndp-design-for-eht.pptx) NDP Design for EHT Eunsung Jeon
  + [1310r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1310-00-00be-coding-bit-in-mu-mimo.pptx) Coding bit in MU-MIMO Ron Porat
  + [1467r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1467-00-00be-bw320-signaling.pptx) 320MHz ignalling Ron Porat

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* + [1178r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-00-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu
  + [1347r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1347-01-00be-lpi-ppdu-format.pptx) LPI PPDU format Junghoon Suh
  + [1322r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1322-00-00be-phy-signaling-methodology-for-11be-releases.pptx) PHY Signaling Methodology Rui Yang
  + [1515r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1515-01-00be-signaling-for-various-transmission-modes-of-mu-ppdu.pptx) Signaling for various transmission modes of MU PPDU Dongguk Lim
  + [1546r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1546-00-00be-u-sig-design-for-tb-ppdu.pptx) U-SIG Design for TB PPDU Alice Chen
  + [1223r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-01-00be-subcarrier-grouping-for-eht.pptx) Subcarrier Grouping for EHT Eunsung Jeon
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [1180r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-00-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum mask requirement for punctured Transmission Wookbong Lee
  + [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) Spectrum mask for puncturing Xiaogang Chen
  + [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) E-SIG Detection with Different Puncturing Patterns Junghoon Suh
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1311r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-00-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat
  + [1375r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-01-00be-eht-nltf-design.pptx) EHT NLTF Design Rui Cao
  + [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) EHT pre-FEC padding and packet extension Rui Cao
  + [1132r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1132-00-00be-thoughts-on-extended-range-preamble.pptx) Thoughts on Extended Range Preamble Bin Tian
  + [1377r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1377-00-00be-on-tbd-mcss.pptx) On TBD MCSs Jianhan Liu
  + [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) Pilot Polarities for Small M-RUs Ron Porat
  + [1441r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park
  + [1342r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1342-00-00be-eht-sounding-feedback-request-parameters.pptx) EHT Sounding feedback request parameters Genadiy Tsodik
  + [1381r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1381-00-00be-reduction-of-peak-to-average-power-ratio-exploiting-multi-numerology-structure.pptx) Reduction of Peak to Average Power Ratio Exploiting Multi-Numerology Structure Ebubekir Memişoğlu
  + [1387r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1387-00-00be-eht-via-reconfigurable-surfaces.pptx) EHT via Reconfigurable Surfaces Salah Zegrar
  + [1439r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1439-00-00be-11be-cca-levels.pptx) 11be CCA levels Lin Yang

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

* AoB:
* Adjourn

### 10th Conf. Call: October 08 (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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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:
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  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
  + Guidelines for solving TBDs on Tgbe draft: [984r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0984-03-00be-tgbe-teleconference-guidelines.docx)
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [105r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-07-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx)[SP2], [1046r](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-05-00be-prioritized-edca-channel-access-slot-management.pptx)5[SPs], [712r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-04-00be-bqr-for-320mhz.pptx)[1 SP], [993r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-07-00be-sync-ml-operations-of-non-str-device.pptx)[SP], [669r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-05-00be-mld-transition.pptx)[SP], [974r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-01-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx)[SP], [921r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-02-00be-discussion-about-str-capabilities-indication.pptx)[SP2], [1009r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-03-00be-multi-link-hidden-terminal-followup.pptx)[SP], [586r9](https://mentor.ieee.org/802.11/dcn/20/11-20-0586-09-00be-mlo-signaling-of-critical-updates.pptx) [2 SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1407r13](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-13-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) Soft-AP-MLD-Operation Kaiying Lu
  + [1582r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1582-00-00be-ml-ie-complete-profile-indication.docx) ML IE Complete Profile indication Abhishek Patil
  + [1592r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1592-00-00be-ml-ie-in-authentication-frame.docx) ML IE in Authentication frame Abhishek Patil
* 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
  + ~~1055r0 TID-to-link mapping ignalling Yongho Seok\*~~
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen
  + [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) Multi-link setup discussion Yonggang Fang
  + [~~1246r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1246-00-00be-mlo-link-key-exchange-considerations.pptx) ~~MLO Link Key Exchange considerations Jay Yang~~
  + [1396r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1396-00-00be-multi-link-probe-request-design.pptx) Multi-Link Probe Request Design Jason Guo
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin
  + ~~1047r0 Latency sensitive link operation: Part 1 Chunyu Hu\*~~
  + ~~1048r0 Latency sensitive link operation: Part 2 Chunyu Hu\*~~
  + ~~1057r0 MLD critical information announcement Liwen Chu\*~~
  + [1058r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1058-00-00be-low-latency-support.pptx) Low Latency Support Liwen Chu\*
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + ~~882r0 320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB: none
* Adjourn

### 11th Conf. Call: October 12 (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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1161r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-00-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial bandwidth feedback. Bin Tian [SPs]
  + [1238r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-05-00be-open-issues-on-preamble-design.pptx) Open Issues on Preamble Design Sameer Verman [6 SPs]
  + [1317r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-01-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG-contents-discussion-for-eht-sounding-ndp Ross Yu [SPs]
  + [1474r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1474-01-00be-ndp-design-for-eht.pptx) NDP Design for EHT Eunsung Jeon [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1584r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1584-00-00be-resolving-tbd-in-section-36-1.docx) Resolving TBD in section 36.1 Wook Bong Lee
  + [1612r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1612-00-00be-pdt-phy-spatial-configuration-table-typo-fixed.docx) Spatial-configuration-table-typo-fixed Ross Jian Yu
* Technical Submissions:
  + [1178r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-01-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu
  + [1347r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1347-01-00be-lpi-ppdu-format.pptx) LPI PPDU format Junghoon Suh
  + [1322r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1322-00-00be-phy-signaling-methodology-for-11be-releases.pptx) PHY Signaling Methodology Rui Yang
  + [1515r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1515-01-00be-signaling-for-various-transmission-modes-of-mu-ppdu.pptx) Signaling for various transmission modes of MU PPDU Dongguk Lim
  + [1546r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1546-00-00be-u-sig-design-for-tb-ppdu.pptx) U-SIG Design for TB PPDU Alice Chen

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* + [1223r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-02-00be-subcarrier-grouping-for-eht.pptx) Subcarrier Grouping for EHT Eunsung Jeon
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [1180r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-01-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum mask requirement for punctured Transmission Wookbong Lee
  + [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) Spectrum mask for puncturing Xiaogang Chen
  + [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) E-SIG Detection with Different Puncturing Patterns Junghoon Suh
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1311r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-02-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat
  + [1375r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-01-00be-eht-nltf-design.pptx) EHT NLTF Design Rui Cao
  + [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) EHT pre-FEC padding and packet extension Rui Cao
  + [1132r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1132-00-00be-thoughts-on-extended-range-preamble.pptx) Thoughts on Extended Range Preamble Bin Tian
  + [1377r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1377-00-00be-on-tbd-mcss.pptx) On TBD MCSs Jianhan Liu
  + [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) Pilot Polarities for Small M-RUs Ron Porat
  + [1441r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park
  + [1342r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1342-00-00be-eht-sounding-feedback-request-parameters.pptx) EHT Sounding feedback request parameters Genadiy Tsodik
  + [1381r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1381-00-00be-reduction-of-peak-to-average-power-ratio-exploiting-multi-numerology-structure.pptx) Reduction of PAPR Exploiting Multi-Numerology Struct. Ebubekir Memişoğlu
  + [1387r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1387-00-00be-eht-via-reconfigurable-surfaces.pptx) EHT via Reconfigurable Surfaces Salah Zegrar
  + [1439r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1439-00-00be-11be-cca-levels.pptx) 11be CCA levels Lin Yang
  + [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
  + [~~1623r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1623-00-00be-multi-ru-indication-in-ru-allocation-subfield-follow-up.pptx) ~~Multi-RU Indication in RU Allocation Subfield Follow up Mengshi Hu\*~~

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

* AoB:
* Adjourn

### 11th Conf. Call: October 12 (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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1009r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-04-00be-multi-link-hidden-terminal-followup.pptx) [SP], [586r9](https://mentor.ieee.org/802.11/dcn/20/11-20-0586-09-00be-mlo-signaling-of-critical-updates.pptx) [2 SPs], [1046r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-06-00be-prioritized-edca-channel-access-slot-management.pptx) [SP], [992r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-03-00be-mlo-optional-mandatory.pptx) [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1582r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1582-00-00be-ml-ie-complete-profile-indication.docx) ML IE Complete Profile indication Abhishek Patil [SP]
  + [1592r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1592-00-00be-ml-ie-in-authentication-frame.docx) ML IE in Authentication frame Abhishek Patil [SP]
  + [~~1407r13~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-13-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) ~~Soft-AP-MLD-Operation Kaiying Lu [SP]~~
  + [1610r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1610-00-00be-pdt-mac-mlo-6-3-5-and-6-authentication.docx) pdt-mac-mlo-6-3-5-and-6-authentication Yonggang Fang
  + [1611r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1611-00-00be-pdt-mac-mlo-6-3-7-to-9-association.docx) pdt-mac-mlo-6-3-7-to-9-association Yonggang Fang
* 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
  + ~~1055r0 TID-to-link mapping ignalling Yongho Seok\*~~
  + [1140r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1140-00-00be-ecsa-for-multi-link-operation.pptx) eCSA for multi link operation Laurent Cariou
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen
  + [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) Multi-link setup discussion Yonggang Fang
  + [1396r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1396-00-00be-multi-link-probe-request-design.pptx) Multi-Link Probe Request Design Jason Guo
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin
  + ~~1047r0 Latency sensitive link operation: Part 1 Chunyu Hu\*~~
  + ~~1048r0 Latency sensitive link operation: Part 2 Chunyu Hu\*~~
  + ~~1057r0 MLD critical information announcement Liwen Chu\*~~
  + [1058r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1058-00-00be-low-latency-support.pptx) Low Latency Support Liwen Chu\*
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + ~~882r0 320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB:
* Adjourn

### 12th Conf. Call: October 14 (10:00–13:00 ET)–PHY

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - 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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1161r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-00-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial bandwidth feedback. Bin Tian [SPs]
  + [1238r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-05-00be-open-issues-on-preamble-design.pptx) Open Issues on Preamble Design Sameer Verman [6 SPs]
  + [1317r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-01-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG-contents-discussion-for-eht-sounding-ndp Ross Yu [SPs]
  + [1474r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1474-01-00be-ndp-design-for-eht.pptx) NDP Design for EHT Eunsung Jeon [SPs]
  + [1467r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1467-00-00be-bw320-signaling.pptx) 320MHz ignalling Ron Porat [SPs]
  + [1178r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-01-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu [SPs]
  + [1347r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1347-01-00be-lpi-ppdu-format.pptx) LPI PPDU format Junghoon Suh [SPs]
  + [1322r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1322-00-00be-phy-signaling-methodology-for-11be-releases.pptx) PHY Signaling Methodology Rui Yang [SPs]
  + [1515r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1515-01-00be-signaling-for-various-transmission-modes-of-mu-ppdu.pptx) Signaling for various TX modes of MU PPDU Dongguk Lim [SPs]
  + [1546r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1546-00-00be-u-sig-design-for-tb-ppdu.pptx) U-SIG Design for TB PPDU Alice Chen [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *None for this call.*
* Technical Submissions:
  + [1223r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-02-00be-subcarrier-grouping-for-eht.pptx) Subcarrier Grouping for EHT Eunsung Jeon
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [1180r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-01-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum mask requirement for punctured Transmission Wookbong Lee
  + [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) Spectrum mask for puncturing Xiaogang Chen
  + [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) E-SIG Detection with Different Puncturing Patterns Junghoon Suh
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1311r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-02-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat
  + [1375r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-01-00be-eht-nltf-design.pptx) EHT NLTF Design Rui Cao
  + [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) EHT pre-FEC padding and packet extension Rui Cao
  + [1132r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1132-00-00be-thoughts-on-extended-range-preamble.pptx) Thoughts on Extended Range Preamble Bin Tian
  + [1377r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1377-00-00be-on-tbd-mcss.pptx) On TBD MCSs Jianhan Liu
  + [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) Pilot Polarities for Small M-RUs Ron Porat
  + [1441r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park
  + [1342r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1342-00-00be-eht-sounding-feedback-request-parameters.pptx) EHT Sounding feedback request parameters Genadiy Tsodik
  + [1381r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1381-00-00be-reduction-of-peak-to-average-power-ratio-exploiting-multi-numerology-structure.pptx) Reduction of PAPR Exploiting Multi-Numerology Struct. Ebubekir Memişoğlu
  + [1387r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1387-00-00be-eht-via-reconfigurable-surfaces.pptx) EHT via Reconfigurable Surfaces Salah Zegrar
  + [1439r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1439-00-00be-11be-cca-levels.pptx) 11be CCA levels Lin Yang
  + [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
  + [~~1623r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1623-00-00be-multi-ru-indication-in-ru-allocation-subfield-follow-up.pptx) ~~Multi-RU Indication in RU Allocation Subfield Follow up Mengshi Hu\*~~

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

* AoB:
* Adjourn

### 12th Conf. Call: October 14 (10:00–13:00 ET)–MAC

* Call the meeting to order
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  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “Tgbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
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    - “[voter status] First Name Last Name (Affiliation)”
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  + *None for this call.*
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  + *None for this call.*
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  + ~~1055r0 TID-to-link mapping ignalling Yongho Seok\*~~
  + [1140r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1140-00-00be-ecsa-for-multi-link-operation.pptx) eCSA for multi link operation Laurent Cariou
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen
  + [1187r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1187-00-00be-multi-link-setup-discussion.pptx) Multi-link setup discussion Yonggang Fang
  + [1396r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1396-00-00be-multi-link-probe-request-design.pptx) Multi-Link Probe Request Design Jason Guo
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1041r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-00-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin
  + ~~1047r0 Latency sensitive link operation: Part 1 Chunyu Hu\*~~
  + ~~1048r0 Latency sensitive link operation: Part 2 Chunyu Hu\*~~
  + ~~1057r0 MLD critical information announcement Liwen Chu\*~~
  + [1058r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1058-00-00be-low-latency-support.pptx) Low Latency Support Liwen Chu
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + ~~882r0 320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB:
* Adjourn

### 13th Conf. Call: October 15 (10:00–13:00 ET)–JOINT

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

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

* + **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:
  + Future telcos (Nov to Jan) schedule:
    - <https://mentor.ieee.org/802.11/dcn/20/11-20-1615-00-00be-nov-jan-tgbe-teleconference-agendas.docx>
    - Topics for discussion:
      1. Move start times of AM (ET) conf calls from 10:00 to 09:00 (ET).
      2. Alternate Wednesdays calls between AM (ET) and PM (ET).
      3. Anything else?
      4. On Wed calls:
         * Delete wed calls?
         * Cancel conf calls not based on hard criterias but based on requests and other considerations.
         * Cancel Nov 23 and Nov 25.
    - Summary: Agreed schedule can be found in 1615r1.
* **Motions (concentrated within the first 90 mins of the call)**
  + *None for this call.*
* Towards Tgbe D0.2 Draft**–Status and Updates (Edward)**
  + [997r52](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-52-00be-tgbe-spec-text-volunteers-and-status.docx)
* Technical Submissions**-Trigger**
  + [1429r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-02-00be-enhanced-trigger-frame-for-eht-support.pptx) Enhanced Trigger Frame for EHT Support Steve Shellhammer [Q&A]
  + Deferred SPs on topic-Trigger: [764r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0764-02-00be-trigger-consideration.pptx), [828r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0828-03-00be-ru-allocation-subfield-design-for-eht-trigger-frame.pptx), [~~831r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0831-01-00be-trigger-frame-for-frequency-domain-a-ppdu-support.pptx), [840r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0840-01-00be-backward-compatible-eht-trigger-frame.pptx), [1192r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1192-00-00be-tb-ppdu-format-signaling-in-trigger-frame.pptx), [1429r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-02-00be-enhanced-trigger-frame-for-eht-support.pptx)
* Technical Submissions**-Sounding**
  + [848r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0848-00-00be-sounding-request-in-sequential-sounding.pptx) Sounding Request in Sequential Sounding Ross Jian Yu
  + [950r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0950-03-00be-partial-bandwidth-feedback-for-multi-ru.pptx) Partial Bandwidth Feedback for Multi-RU Eunsung Jeon
  + [1015r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-01-00be-eht-ndpa-frame-design-discussion.pptx) EHT NDPA Frame Design Discussion Chenchen Liu
  + [1435r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1435-01-00be-eht-ndpa-frame-design.pptx) EHT NDPA frame design Cheng Chen
  + [1436r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1436-00-00be-ndpa-and-mimo-control-field-design-for-eht.pptx) NDPA and MIMO Control Field Design for EHT Sameer Vermani
* AoB:
* Adjourn

### 14th Conf. Call: October 19 (10:00–13:00 ET)–PHY

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - 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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1161r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-00-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial bandwidth feedback. Bin Tian [SPs]
  + [1238r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-05-00be-open-issues-on-preamble-design.pptx) Open Issues on Preamble Design Sameer Vermani [6 SPs]
  + [1317r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-01-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG-contents-discussion-for-eht-sounding-ndp Ross Yu [SPs]
  + [1474r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1474-02-00be-ndp-design-for-eht.pptx) NDP Design for EHT Eunsung Jeon [SPs]
  + [1467r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1467-00-00be-bw320-signaling.pptx) 320MHz ignalling Ron Porat [SPs]
  + [1178r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-01-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu [SPs]
  + [1347r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1347-01-00be-lpi-ppdu-format.pptx) LPI PPDU format Junghoon Suh [SPs]
  + [1322r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1322-00-00be-phy-signaling-methodology-for-11be-releases.pptx) PHY Signaling Methodology Rui Yang [SPs]
  + [1515r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1515-01-00be-signaling-for-various-transmission-modes-of-mu-ppdu.pptx) Signaling for various TX modes of MU PPDU Dongguk Lim [SPs]
  + [1223r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-02-00be-subcarrier-grouping-for-eht.pptx) Subcarrier Grouping for EHT Eunsung Jeon [SPs]
  + [1342r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1342-00-00be-eht-sounding-feedback-request-parameters.pptx) EHT Sounding feedback request parameters Genadiy Tsodik [SPs]
  + [1066r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1066-00-00be-4x-eht-ltf-sequence.pptx) 4x EHT-LTF Sequence Jinyoung Chun [SPs]
  + [1073r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-03-00be-4x-eht-ltf-sequences-design.pptx) 4x EHT-LTF Sequences Design Chenchen Liu [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *Pending requests.*
* Technical Submissions:
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [1180r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-01-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum mask requirement for punctured Transmission Wookbong Lee
  + [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) Spectrum mask for puncturing Xiaogang Chen
  + [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) E-SIG Detection with Different Puncturing Patterns Junghoon Suh
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1311r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-02-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat
  + [1375r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-01-00be-eht-nltf-design.pptx) EHT NLTF Design Rui Cao
  + [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) EHT pre-FEC padding and packet extension Rui Cao
  + [1377r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1377-00-00be-on-tbd-mcss.pptx) On TBD MCSs Jianhan Liu
  + [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) Pilot Polarities for Small M-RUs Ron Porat
  + [1441r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park
  + [1381r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1381-00-00be-reduction-of-peak-to-average-power-ratio-exploiting-multi-numerology-structure.pptx) Reduction of PAPR Exploiting Multi-Numerology Struct. Ebubekir Memişoğlu
  + [1387r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1387-00-00be-eht-via-reconfigurable-surfaces.pptx) EHT via Reconfigurable Surfaces Salah Zegrar
  + [1439r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1439-00-00be-11be-cca-levels.pptx) 11be CCA levels Lin Yang
  + [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
  + [~~1623r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1623-00-00be-multi-ru-indication-in-ru-allocation-subfield-follow-up.pptx) ~~Multi-RU Indication in RU Allocation Subfield Follow up Mengshi Hu\*~~

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

* AoB: None.
* Adjourn

### 14th Conf. Call: October 19 (10:00–13:00 ET)–MAC

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

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* + **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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [993r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-07-00be-sync-ml-operations-of-non-str-device.pptx) [SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1659r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1659-00-00be-pdt-mac-mlo-6-3-7-to-6-3-9-association-1.docx) MAC MLO 6.3.7 to 6.3.9 Association 1 Zhiqiang Han
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1058r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1058-00-00be-low-latency-support.pptx) Low Latency Support Liwen Chu [Q&A]
  + [1067r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-00-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu
  + [1350r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1350-00-00be-enhancements-for-qos-and-low-latency-in-802-11be-r1.pptx) Enhancements for QoS and low latency in 802.11be R1 Dave Cavalcanti
  + [1355r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-02-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the req.s of low lat. Traffics Boyce Bo Yang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-00-00be-multi-link-individual-addressed-management-frame-delivery.pptx) ML Individual Addressed MGMT Frame Delivery Po-Kai Huang

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* + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [1131r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1131-01-00be-multi-link-reference-model-discussion.pptx) Multi link reference model discussion Yonggang Fang
  + [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
  + [1171r0](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
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + [~~882r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0882-00-00be-320-mhz-and-16-ss-om-operation.pptx) ~~320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + 1069r0 ~~MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~

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

* AoB: None.
* Adjourn

### 15th Conf. Call: October 21 (10:00–13:00 ET)–PHY

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - 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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1178r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-01-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu [SPs]
  + [1322r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1322-00-00be-phy-signaling-methodology-for-11be-releases.pptx) PHY Signaling Methodology Rui Yang [SPs]
  + [1342r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1342-00-00be-eht-sounding-feedback-request-parameters.pptx) EHT Sounding feedback request parameters Genadiy Tsodik [SPs]
  + [1066r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1066-00-00be-4x-eht-ltf-sequence.pptx) 4x EHT-LTF Sequence Jinyoung Chun [SPs]
  + [1073r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-03-00be-4x-eht-ltf-sequences-design.pptx) 4x EHT-LTF Sequences Design Chenchen Liu [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *Pending requests.*
* Technical Submissions:
  + [1311r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-02-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat
  + [1377r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1377-00-00be-on-tbd-mcss.pptx) On TBD MCSs Jianhan Liu
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [1180r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1180-01-00be-spectrum-mask-requirement-for-punctured-transmission.pptx) Spectrum mask requirement for punctured Transmission Wookbong Lee
  + [1165r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1165-00-00be-spectrum-mask-for-puncturing.pptx) Spectrum mask for puncturing Xiaogang Chen
  + [1174r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1174-00-00be-e-sig-with-different-puncturing-patterns.pptx) E-SIG Detection with Different Puncturing Patterns Junghoon Suh
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1375r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-01-00be-eht-nltf-design.pptx) EHT NLTF Design Rui Cao
  + [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) EHT pre-FEC padding and packet extension Rui Cao
  + [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) Pilot Polarities for Small M-RUs Ron Porat
  + [1441r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park
  + [1381r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1381-00-00be-reduction-of-peak-to-average-power-ratio-exploiting-multi-numerology-structure.pptx) Reduction of PAPR Exploiting Multi-Numerology Struct. Ebubekir Memişoğlu
  + [1387r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1387-00-00be-eht-via-reconfigurable-surfaces.pptx) EHT via Reconfigurable Surfaces Salah Zegrar
  + [1439r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1439-00-00be-11be-cca-levels.pptx) 11be CCA levels Lin Yang
  + [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
  + [1623r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1623-01-00be-multi-ru-indication-in-ru-allocation-subfield-follow-up.pptx) Multi-RU Indication in RU Allocation Subfield Follow up Mengshi Hu
  + [~~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\*~~

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

* AoB:
* Adjourn

### 15th Conf. Call: October 21 (10:00–13:00 ET)–MAC

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

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

* + **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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [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 [1 SP]
  + [1041r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1041-03-00be-edca-queue-for-rta.pptx) EDCA queue for RTA Liangxiao Xin [SP 2]
  + [899r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0899-02-00be-tim-follow-up.pptx) TIM follow up Young Hoon Kwon [1 SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1407r14](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-14-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) Soft-AP-MLD-Operation Kaiying Lu [SP]
  + [1651r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1651-00-00be-pdt-tbds-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx) Discovery procedures including probing and RNR Laurent Cariou
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [772r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-03-00be-multi-link-element-format.pptx) Multi-link element format Rojan Chitrakar [SP]
  + [675r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0675-00-00be-buffer-management-for-multi-link-device.pptx) Buffer Management for Multi-link Device Ming Gan [SP]
  + [903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0903-00-00be-multi-link-group-addressed-data-frame-delivery-follow-up.pptx) ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
  + [~~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~~
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + [~~882r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0882-00-00be-320-mhz-and-16-ss-om-operation.pptx) ~~320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + ~~1069r0 MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1312r0 Triggered SU PPDU for 11be R1 Dibakar Das\*~~
  + [1324r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1324-00-00be-txop-and-bss-color-fields-in-u-sig.pptx) TXOP and BSS Color fields in U-SIG Minyoung Park
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~
* Technical Submissions: **ML-Power Save [10 mins if SP only, 30 mins otherwise]**
  + [1402r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1402-00-00be-issues-on-mld-power-saving.pptx) Issues on MLD Power Saving Ronny Kim
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + ~~1050r0 MLA: BW Switching Duncan Ho\*~~
  + ~~1051r0 MLA: UL Aggregation Fairness Duncan Ho\*~~
  + [923r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0923-00-00be-channel-access-for-constrained-mld.pptx) Channel-access-for-constrained-mld Yiqing Li
  + [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
  + [527r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-00-00be-multi-link-constraint-signaling.pptx) Multi-link Constraint Signaling Yongho Seok
  + ~~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
  + [1085r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-00-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das
  + [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
  + [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
  + [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
* AoB:
* Adjourn

### 16th Conf. Call: October 22 (19:00–22:00 ET)–PHY

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - 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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1178r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1178-01-00be-discussions-on-mu-mimo-signaling.pptx) Discussions on MU-MIMO Signaling Mengshi Hu [SPs]
  + [1322r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1322-00-00be-phy-signaling-methodology-for-11be-releases.pptx) PHY Signaling Methodology Rui Yang [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *Pending requests.*
* Technical Submissions:
  + [828r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0828-03-00be-ru-allocation-subfield-design-for-eht-trigger-frame.pptx) RU Allocation Subfield Design for EHT Trigger Frame Myeongjin KIM\*\*
  + [1259r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1259-00-00be-puncturing-patterns-for-ofdma.pptx) Puncturing patterns for ofdma Ron Porat
  + [1375r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1375-01-00be-eht-nltf-design.pptx) EHT NLTF Design Rui Cao
  + [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) EHT pre-FEC padding and packet extension Rui Cao
  + [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) Pilot Polarities for Small M-RUs Ron Porat
  + [1441r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park
  + [1381r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1381-00-00be-reduction-of-peak-to-average-power-ratio-exploiting-multi-numerology-structure.pptx) Reduction of PAPR Exploiting Multi-Numerology Struct. Ebubekir Memişoğlu
  + [1387r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1387-00-00be-eht-via-reconfigurable-surfaces.pptx) EHT via Reconfigurable Surfaces Salah Zegrar
  + [1439r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1439-00-00be-11be-cca-levels.pptx) 11be CCA levels Lin Yang
  + [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
  + [1623r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1623-01-00be-multi-ru-indication-in-ru-allocation-subfield-follow-up.pptx) Multi-RU Indication in RU Allocation Subfield Follow up Mengshi Hu
  + [~~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\*~~

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

*\*\*Note: Has already been presented in Joint. Targeting a brief summary and then SPs.*

* AoB:
* Adjourn

### 16th Conf. Call: October 22 (19:00–22:00 ET)–MAC

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
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    - 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 Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1067r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1067-03-00be-traffic-indication-of-latency-sensitive-application.pptx) Traffic indication of latency sensitive application Frank Hsu [2 SP]
  + [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 SP]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1652r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1652-00-00be-pdt-tbds-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx) TID-mapping – link management – default mode and enablement Laurent Cariou
  + [1650r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1650-00-00be-proposed-tbd-fix-for-mld-association-sa-query.docx) Proposed TBD fix for MLD Association – SA Query Po-Kai Huang
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [992r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-03-00be-mlo-optional-mandatory.pptx) MLO optional mandatory Laurent Cariou [7 SP]
  + [881r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0881-02-00be-multi-link-individual-addressed-management-frame-delivery.pptx) Multi-link Individual Addressed MGMT Frame Delivery Po-Kai Huang [1 SP]
  + [772r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-04-00be-multi-link-element-format.pptx) Multi-link element format Rojan Chitrakar[SP 3]
  + [1060r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1060-00-00be-discussion-on-multi-link-with-multiple-ap-mlds.pptx) Discussion on Multi-link with Multiple AP MLDs Yoshihisa Kondo
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + [~~882r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0882-00-00be-320-mhz-and-16-ss-om-operation.pptx) ~~320 MHz and 16 SS OM Operation Po-Kai Huang\*~~
  + [967r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) Multi-user Triggered P2P Transmission Ronny Y. Kim
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + ~~1069r0 MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1312r0 Triggered SU PPDU for 11be R1 Dibakar Das\*~~
  + [1324r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1324-00-00be-txop-and-bss-color-fields-in-u-sig.pptx) TXOP and BSS Color fields in U-SIG Minyoung Park
  + ~~1326r0 EHT bandwidth ignalling Kaiying Lu\*~~
* Technical Submissions: **ML-Power Save [10 mins if SP only, 30 mins otherwise]**
  + [1402r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1402-00-00be-issues-on-mld-power-saving.pptx) Issues on MLD Power Saving Ronny Kim
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + ~~1050r0 MLA: BW Switching Duncan Ho\*~~
  + ~~1051r0 MLA: UL Aggregation Fairness Duncan Ho\*~~
  + [923r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0923-00-00be-channel-access-for-constrained-mld.pptx) Channel-access-for-constrained-mld Yiqing Li
  + [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
  + [527r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-00-00be-multi-link-constraint-signaling.pptx) Multi-link Constraint Signaling Yongho Seok
  + ~~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
  + [1085r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-00-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das
  + [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
  + [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
  + [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
* AoB:
* Adjourn

### 17th Conf. Call: October 26 (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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* + **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 Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [828r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0828-04-00be-ru-allocation-subfield-design-for-eht-trigger-frame.pptx) RU Allocation Subfield Design for EHT Trigger Frame Myeongjin KIM [SPs]
  + [1331r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1331-00-00be-eht-pre-fec-padding-and-packet-extension.pptx) EHT pre-FEC padding and packet extension Rui Cao [SPs]
  + [~~1623r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1623-01-00be-multi-ru-indication-in-ru-allocation-subfield-follow-up.pptx) ~~Multi-RU Indication in RU Allocation Subfield Follow up Mengshi Hu [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]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *Pending requests.*
* Technical Submissions:
  + [1446r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1466-00-00be-pdt-phy-eht-sounding-ndp.docx) Pilot Polarities for Small M-RUs Ron Porat
  + [1441r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1441-01-00be-ru-restriction-for-20mhz-operation.pptx) RU Restriction for 20MHz Operation Eunsung Park
  + [1381r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1381-00-00be-reduction-of-peak-to-average-power-ratio-exploiting-multi-numerology-structure.pptx) Reduction of PAPR Exploiting Multi-Numerology Struct. Ebubekir Memişoğlu
  + [~~1387r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1387-00-00be-eht-via-reconfigurable-surfaces.pptx) ~~EHT via Reconfigurable Surfaces Salah Zegrar~~
  + [1439r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1439-00-00be-11be-cca-levels.pptx) 11be CCA levels Lin Yang
  + [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
  + [~~1700r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1700-01-00be-dual-carrier-index-modulation.pptx) ~~Dual-Carrier Index Modulation Ali Tugberk Dogukan\*~~

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

* AoB:
* Adjourn

### 17th Conf. Call: October 26 (19:00–22:00 ET)–MAC

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  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
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  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com)) and Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - “[voter status] First Name Last Name (Affiliation)”
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [921r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-04-00be-discussion-about-str-capabilities-indication.pptx) Discussion about STR capabilities indication Yunbo Li [SP 3]
  + [898r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0898-03-00be-mld-discovery-follow-up.pptx) MLD Discovery follow up Young Hoon Kwon [SP 2]
  + [1141r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1141-00-00be-restrictions-on-mld-probe.pptx) Restrictions on MLD Probe Cheng Chen [4 SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + [1650r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1650-01-00be-proposed-tbd-fix-for-mld-association-sa-query.docx) Proposed TBD fix for MLD Association – SA Query Po-Kai Huang [SP]
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [1115r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1115-00-00be-mld-ap-power-saving-ps-considerations.pptx) MLD AP power save mode consideration Jay Yang
  + [1122r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1122-02-00be-802-11be-architecture-association-discussion.pptx) 802.11be Architecture/Association Discussion Joseph Levy
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [593r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0593-00-00be-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
  + [882r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0882-00-00be-320-mhz-and-16-ss-om-operation.pptx) 320 MHz and 16 SS OM Operation Po-Kai Huang

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* + [~~967r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0967-00-00be-multi-user-triggered-p2p-transmissionmulti-user-triggered-p2p-transmission.pptx) ~~Multi-user Triggered P2P Transmission Ronny Y. Kim~~
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + ~~1069r0 MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + ~~1312r0 Triggered SU PPDU for 11be R1 Dibakar Das\*~~
  + [1324r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1324-00-00be-txop-and-bss-color-fields-in-u-sig.pptx) TXOP and BSS Color fields in U-SIG Minyoung Park
  + ~~1326r0 EHT bandwidth signaling Kaiying Lu\*~~
* Technical Submissions: **ML-Power Save [10 mins if SP only, 30 mins otherwise]**
  + [1402r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1402-00-00be-issues-on-mld-power-saving.pptx) Issues on MLD Power Saving Ronny Kim
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + ~~1050r0 MLA: BW Switching Duncan Ho\*~~
  + ~~1051r0 MLA: UL Aggregation Fairness Duncan Ho\*~~
  + [923r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0923-00-00be-channel-access-for-constrained-mld.pptx) Channel-access-for-constrained-mld Yiqing Li
  + [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
  + [527r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-00-00be-multi-link-constraint-signaling.pptx) Multi-link Constraint Signaling Yongho Seok
  + ~~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
  + [1085r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-00-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das
  + [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
  + [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
  + [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
* AoB:
* Adjourn

### 18th Conf. Call: October 28 (10:00–13:00 ET)–PHY

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
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  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com)) and Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [828r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0828-04-00be-ru-allocation-subfield-design-for-eht-trigger-frame.pptx) RU Allocation Subfield Design for EHT Trigger Frame Myeongjin KIM [SPs]
  + [~~1623r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1623-01-00be-multi-ru-indication-in-ru-allocation-subfield-follow-up.pptx) ~~Multi-RU Indication in RU Allocation Subfield Follow up Mengshi Hu [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]
  + [1073r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-03-00be-4x-eht-ltf-sequences-design.pptx) 4x EHT-LTF Sequences Design Chenchen Liu [SPs]
  + [1311r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1311-02-00be-2x-320mhz-ltf-design.pptx) 2x LTF 320MHz sequences Ron Porat [SPs]
  + [1317r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1317-01-00be-sig-contents-discussion-for-eht-sounding-ndp.pptx) SIG-contents-discussion-for-eht-sounding-ndp Ross Yu [SPs]
  + [1100r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1100-01-00be-discussions-on-eht-non-contigeous-ppdu.pptx) Discussions on EHT non-contiguous PPDU Rui Cao [SPs]
  + [985r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0985-06-00be-ru-allocation-subfield-design-in-eht-sig-follow-up.pptx) RU allocation Subfield design in EHT-SIG follow up Myeongjin Kim [SPs]
  + [1238r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1238-07-00be-open-issues-on-preamble-design.pptx) Open Issues on Preamble Design Sameer Vermani [SPs]
  + [1515r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1515-03-00be-signaling-for-various-transmission-modes-of-mu-ppdu.pptx) Signaling for various transmission modes of MU PPDU Dongguk Lim [SPs]
  + [1161r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1161-00-00be-eht-punctured-ndp-and-partial-bandwidth-feedback.pptx) EHT Punctured NDP and Partial bandwidth feedback. Bin Tian [SPs]
  + [1132r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1132-00-00be-thoughts-on-extended-range-preamble.pptx) Thoughts on Extended Range Preamble Bin Tian [SPs]
  + 1703r0 Trigger frame RU allocation Table Steve Shellhammer [SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *Pending requests.*
* Technical Submissions:
  + [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
  + [1700r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1700-01-00be-dual-carrier-index-modulation.pptx) Dual-Carrier Index Modulation Ali T. Dogukan
  + [1656r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1656-00-00be-tbds-of-11be-phy-capabilities.pptx) TBDs of 11be PHY Capabilities Bin Tian
* AoB:
* Adjourn

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* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [1355r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1355-04-00be-access-mechanisms-to-meet-the-requirements-of-low-latency-traffics.pptx) Access mechanisms to meet the requirements of low latency traffics Boyce Bo Yang [2 SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) for fixings TBDs**
  + *Pending requests.*
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [1005r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1005-01-00be-yet-another-fast-link-adaptation-attempt.pptx) Yet Another Fast Link Adaptation Attempt Jinjing Jiang
  + [1052r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1052-00-00be-eht-bss-follow-up-eht-bss-operating-parameter-update.pptx) EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu
  + [882r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0882-00-00be-320-mhz-and-16-ss-om-operation.pptx) 320 MHz and 16 SS OM Operation Po-Kai Huang [SP]
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + ~~1069r0 MU-RTS/CTS continuation Jarkko Kneckt\*~~
  + [~~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\*~~
  + [1324r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1324-00-00be-txop-and-bss-color-fields-in-u-sig.pptx) TXOP and BSS Color fields in U-SIG Minyoung Park
  + ~~1326r0 EHT bandwidth signaling Kaiying Lu\*~~
* Technical Submissions: **ML-Power Save [10 mins if SP only, 30 mins otherwise]**
  + [1402r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1402-00-00be-issues-on-mld-power-saving.pptx) Issues on MLD Power Saving Ronny Kim
* Technical Submissions: **ML-Constrained ops [10 mins if SP only, 30 mins otherwise]**
  + ~~1050r0 MLA: BW Switching Duncan Ho\*~~
  + ~~1051r0 MLA: UL Aggregation Fairness Duncan Ho\*~~
  + [923r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0923-00-00be-channel-access-for-constrained-mld.pptx) Channel-access-for-constrained-mld Yiqing Li

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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
  + [527r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-00-00be-multi-link-constraint-signaling.pptx) Multi-link Constraint Signaling Yongho Seok
  + ~~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
  + [1085r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1085-00-00be-str-capability-signaling.pptx) STR-Capability-Signaling Dibakar Das
  + [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
  + [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
  + [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

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

* AoB:
* Adjourn

### 19th Conf. Call: October 29 (10:00–13:00 ET)–JOINT

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

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

* + **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 in the electronic plenary to be scheduled during the second hour of the Joint calls.
* **Motions (concentrated within the first 90 mins of the call)**
  + [841r28](https://mentor.ieee.org/802.11/dcn/20/11-20-0841-28-00be-tgbe-motions-list-for-teleconferences.pptx) Motions list for teleconferences
* Towards TGbe D0.2 Draft**–Status and Updates (Edward)**
  + [997r58](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-58-00be-tgbe-spec-text-volunteers-and-status.docx) TGbe spec text volunteers and status
* Technical Submissions**-Deferred SPs on topic-Trigger**
  + [~~1192r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1192-01-00be-tb-ppdu-format-signaling-in-trigger-frame.pptx) ~~TB PPDU Format Signaling in Trigger Frame Geonjung Ko [SP 4]~~
  + [1429r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1429-02-00be-enhanced-trigger-frame-for-eht-support.pptx) Enhanced Trigger Frame for EHT Support Steve Shellhammer [SPs]
* Technical Submissions**-Sounding**
  + [848r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0848-00-00be-sounding-request-in-sequential-sounding.pptx) Sounding Request in Sequential Sounding Ross Jian Yu
  + [950r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0950-03-00be-partial-bandwidth-feedback-for-multi-ru.pptx) Partial Bandwidth Feedback for Multi-RU Eunsung Jeon
  + [1015r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1015-01-00be-eht-ndpa-frame-design-discussion.pptx) EHT NDPA Frame Design Discussion Chenchen Liu
  + [1435r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1435-01-00be-eht-ndpa-frame-design.pptx) EHT NDPA frame design Cheng Chen

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* + [1436r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1436-00-00be-ndpa-and-mimo-control-field-design-for-eht.pptx) NDPA and MIMO Control Field Design for EHT Sameer Vermani
* AoB: None.
* Adjourn

### 20th Conf. Call: November 02 (10:00–13:00 ET)–PHY

* Cancelled

### 20th Conf. Call: November 02 (10:00–13:00 ET)–MAC

* Cancelled

### 21st Conf. Call: November 05 (19:00–22:00 ET)–PHY

* Cancelled

### 21st Conf. Call: November 05 (19:00–22:00 ET)–MAC

* Cancelled

## 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.

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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>