IEEE P802.11  
Wireless LANs

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| TGbe 2020 July to September teleconference agendas | | | | | |
| Date: 2020-09-02 | | | | | |
| Author(s): | | | | | |
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Abstract

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

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Populated Deferred SPs, and Back-Logged Queues, 1st and 3rd conf call agendas.
* Rev 2-6: Incorporated new submissions requests. Added link to guidelines document, and a new item for Joint call: drafting status and updates. Fixed date typo for 1st MAC conf call.
* Rev 7-8: Added agenda for 2nd conf call. Amended with suggestions (typos, ommissions, etc).
* Rev 9: Added new submissions requests, updated links, and updated agenda for 3rd conf call with link to the spec text assignment status and updates.
* Rev 10: Some updates prior to the 4th conf call.
* Rev 11: Added agendas for 5th conf call, and 6th PHY conf call (MAC will continue from where 5th conf call ends. Added new requests as well.
* Rev 12-13: Added agendas for 6th conf call and 7th conf call.
* Rev 14-15: Added agendas for 8th and 9th conf call, and missing requests, with some reordering.
* Rev 16-20: Added agendas for 10th , 11th, and 12th (partial) conf call, plus new requests.
* Rev 21: Added agenda for the 13th conf call, plus new requests and some fixes.
* Rev 22-23: Added agenda for the 14th and 15th conf call, and updated PHY/MAC queues.
* Rev 24: Added agenda for the 16th conf call and new submission requests.
* Rev 25-27: Added agenda for the 17th conf call and new submission requests.
* Rev 28-29: Added agenda for the 18th conf call and new submission requests.
* Rev 30-33: Added agenda for the 19th conf call and new submissions and deferred SPs requests.
* Rev 34-37: Added agenda for the 20th conf call and new submissions and deferred SPs requests.
* Rev 38-39: Added agenda for the 21st conf call and new submissions and deferred SPs requests.
* Rev 40: Added agenda for the 22nd conf call.

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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 23 teleconferences up to September 10th for discussing technical presentations:

## Teleconferences Plan for July to September

* **July 13 (Monday) – MAC/PHY 19:00-21:00 ET**
* **July 15 (Wednesday) – MAC 10:00-12:00 ET**
* **July 16 (Thursday) – Joint 11:30-13:00 ET**
* **July 20 (Monday) – MAC/PHY 10:00-13:00 ET**
* **July 22 (Wednesday) – MAC 10:00-13:00 ET**
* **July 23 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **July 27 (Monday) – MAC/PHY 19:00-22:00 ET**
* **July 29 (Wednesday) – MAC 10:00-13:00 ET**
* **July 30 (Thursday) – Joint (Motions) 10:00-13:00 ET**
* **Aug 03 (Monday) – MAC/PHY 10:00-13:00 ET**
* **Aug 05 (Wednesday) – MAC 10:00-13:00 ET**
* **Aug 06 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **Aug 10-14 (Mon-Fri) – No Conf Calls Week OFF**
* **Aug 17 (Monday) – MAC/PHY 19:00-22:00 ET**
* **Aug 19 (Wednesday) – MAC 10:00-13:00 ET**
* **Aug 20 (Thursday) – Joint (Motions) 10:00-13:00 ET**
* **Aug 24 (Monday) – MAC/PHY 10:00-13:00 ET**
* **Aug 26 (Wednesday) – MAC 10:00-13:00 ET**
* **Aug 27 (Thursday) – MAC/PHY 19:00-22:00 ET**
* **Aug 31 (Monday) – MAC/PHY 19:00-22:00 ET**
* **Sep 02 (Wednesday) – MAC 10:00-13:00 ET**
* **Sep 03 (Thursday) – Joint (Motions) 10:00-13:00 ET**
* **Sep 07 (Monday) – No Conf Call Labor Day**
* **Sep 09 (Wednesday) – MAC 10:00-13:00 ET**
* **Sep 10 (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

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

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| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [596r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0596-00-00be-ap-candidate-set-follow-up.pptx) | AP candidate set follow up | Cheng Chen | Done | MAP-General | Joint |
| [617r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0617-02-00be-multi-ap-operation-basic-definition.pptx) | Multi-AP-Operation-Basic-Definition | Oren Kedem | Done | MAP-General | Joint |
| [674r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0674-01-00be-forward-compatible-ofdma.pptx) | Forward compatible OFDMA | Xiaogang Chen | 1 SP | General | Joint |
| [548r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0548-01-00be-discussion-on-coordinated-ul-mu-mimo.pptx) | Discussion On Coordinated UL MU-MIMO | Genadiy Tsodik | Done | MAP-MU MIMO | Joint |
| [1961r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1961-04-00be-multi-ap-group-establishment.pptx) | Multi ap group establishment | Yonggang Fang | Deferred | MAP-General | Joint |
| End of Joint Queue | | | | | |
| [586r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0586-04-00be-mlo-signaling-of-critical-updates.pptx) | MLO: Signaling of critical updates | Abhishek Patil | Done | ML-Mgmt. | MAC |
| [396r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0396-05-00be-mlo-bss-information-transmission-and-multiple-bssid-support.pptx) | MLO BSS Information Transmission and Multiple BSSID Support | Liwen Chu | Done | ML-Mgmt. | MAC |
| [503r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0503-02-00be-bss-parameter-update-for-multi-link-operation.pptx) | BSS parameter update for Multi-link Operation | Ming Gan | Done | ML-Mgmt. | MAC |
| [1943r9](https://mentor.ieee.org/802.11/dcn/19/11-19-1943-09-00be-multi-link-management.pptx) | Multi-link Management | Taewon Song | Done | ML-Mgmt. | MAC |
| End of MAC Queue | | | | | |
| [798r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0798-03-00be-signaling-of-ru-allocation-follow-up.pptx) | Signaling of RU allocation follow-up | Dongguk Lim | Done | RU Allocation | PHY |
| [839r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0839-01-00be-management-of-ru-allocation-field.pptx) | Management of RU allocation field | Dongguk Lim | Done | SIG | PHY |
| [930r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0930-01-00be-consideration-on-user-specific-field-in-eht-sig.pptx) | Consideration on user specific field in EHT-SIG field | Dongguk Lim | Done | SIG | PHY |
| [960r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0960-01-00be-consideration-on-240mhz.pptx) | Consideration on 240MHz | Eunsung Park | Done | General | PHY |
| [783r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0783-02-00be-eht-sig-compression-format.pptx) | EHT sig compression format | Yujian Ross | Done | SIG | PHY |
| [970r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0970-04-00be-multi-ru-indication-in-ru-allocation-subfield.pptx) | Multi-RU indication in RU allocation subfield | Ross Jian Yu | Done | RU Allocation | PHY |
| [985r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0985-00-00be-ru-allocation-subfield-design-in-eht-sig-follow-up.pptx) | RU Allocation Subfield Design in EHT-SIG Follow up | Myeongjin Kim | Done | RU Allocation | PHY |
| [971r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0971-00-00be-spoofing-indication-in-eht-sig.pptx) | Spoofing indication in EHT-SIG | Mengshi Hu | Done | RU Allocation | PHY |
| [1027r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1027-01-00be-indication-of-large-size-ru-combinations.pptx) | Indication of large-size RU combinations | Lei Huang | Done | RU Allocation | PHY |
| [1102r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1102-00-00be-zero-user-rus-for-per-80mhz-resource-unit-allocation-signaling.pptx) | Zero User RUs for Per-80MHz Resource Unit Allocation Signalin | Jianhan Liu | Done | RU Allocation | PHY |
| End of PHY Queue | | | | | |

## Back-Logged Technical Presentations’ List

* 7 submissions in the Joint queue
* 1 submissions in the MAC queue
* 0 submissions in the PHY queue

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| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [576r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0576-01-00be-coordinated-spatial-reuse-protocol.pptx) | Coordinated Spatial Reuse Protocol | Yongho Seok | Done | MAP-SR | Joint |
| [590r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0590-00-00be-shared-txop-spatial-reuse-considerations.pptx) | Shared TXOP Spatial Reuse Considerations | Jonghun Han | Done | MAP-SR | Joint |
| [643r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0643-00-00be-mu-rts-in-multi-ap-operation.pptx) | MU-RTS in Multi-AP Operation | Yunbo Li | Done | MAP-Protection | Joint |
| [644r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0644-00-00be-nav-setting-in-multi-ap-operation.pptx) | NAV Setting in Multi-AP Operation | Yunbo Li | Done | MAP-Protection | Joint |
| [764r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0764-01-00be-trigger-consideration.pptx) | Trigger Consideration | Liwen Chu | Pending | General | 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 | Pending | General | 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 | Pending | General | 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 | Pending | General | 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 | Pending | Sounding | Joint |
| [933r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0933-00-00be-hidden-node-protection-in-coordinated-ap-transmissions.pptx) | Hidden Node Protection in Coordinated AP Transmissions | Dennis Sundman | Done | MAP-Protection | Joint |
| [950r2](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 | Multi-RU | 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 |
| End of Joint Queue | | | | | |
| [527r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0527-00-00be-multi-link-constraint-signaling.pptx)  [1053] | Multi-link Constraint Signaling | Yongho Seok | Swapped/  Pending | ML-Constrained ops. | MAC |
| [577r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0577-00-00be-rts-and-cts-procedure-in-synchronous-multi-link-operation.pptx) | RTS and CTS Procedure in Synchronous Multi-link Operation | Yongho Seok | Done | ML-Constrained ops. | MAC |
| [328r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0328-00-00be-msdu-fragmentation-and-aggregation-in-multi-link-operation.pptx) | MSDU Fragmentation and Aggregation in Multi-link Operation | Yongho Seok | Done | ML-Operation | MAC |
| [505r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0505-00-00be-sync-transmission-for-non-str-mld.pptx) | Sync transmission for non-STR MLD | Ming Gan | Done | ML-Constrained ops. | MAC |
| [523r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0523-00-00be-discussion-on-channels-for-multi-link-operation.pptx) | Discussion on Channels for Multi-link Operation | Geonjung Ko | Done | ML-Operation | MAC |
| ~~528r0~~ | ~~Non-STR Downlink and BA~~ | ~~Sharan Naribole~~ | ~~Withdrawn~~ | ~~ML-Constrained ops.~~ | ~~MAC~~ |
| [613r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0613-00-00be-ap-assisted-non-str-behavior.pptx) | AP assisted Non-STR behavior | Ming Gan | Done | ML-Constrained ops. | MAC |
| [615r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0615-00-00be-discovery-mechanism-for-mld.pptx) | Discovery mechanism for MLD | Ming Gan | Done | ML-Mgmt. | MAC |
| [668r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0668-01-00be-320-mhz-bss-configuration-follow-up.pptx) | 320-mhz-bss-configuration-follow-up | Po-Kai Huang | Done | MAC-General | MAC |
| [669r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-00-00be-mld-transition.pptx) | MLD transition | Po-Kai Huang | Done | ML-Mgmt. | MAC |
| [670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0670-00-00be-synchronous-multi-link-operation-follow-up.pptx) | Synchronous Multi-link Operation Follow-up | Yongho Seok | Done | ML-Constrained ops. | MAC |
| [671r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0671-00-00be-multi-link-triggered-uplink-access-follow-up.pptx) | Multi-link Triggered Uplink Access Follow-up | Yongho Seok | Done | ML-Constrained ops. | MAC |
| [672r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0672-00-00be-group-addressed-frame-transmission-in-constrained-multi-link-operation-follow-up.pptx) | Group addressed frame transmission in constrained multi-link operation follow-up | Yongho Seok | Done | ML-Constrained ops. | MAC |
| [684r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0684-00-00be-bss-channel-width-configuration.pptx) | BSS channel width configuration | Young Hoon Kwon | Done | MAC-General | MAC |
| [689r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0689-00-00be-single-sta-trigger.pptx) | Single STA trigger | Young Hoon Kwon | Done | ML-Constrained ops. | MAC |
| [702r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0702-00-00be-fragmentation-in-mlo.pptx) | Fragmentation in MLO | Abhishek Patil | Done | ML-Operation | MAC |
| [712r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-00-00be-bqr-for-320mhz.pptx) | BQR for 320MHz | Yunbo Li | Done | MAC-General | MAC |
| [736r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0736-01-00be-eht-sst-operation.pptx) | EHT SST Operation | Yongho Seok | Done | MAC-General | MAC |
| [739r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0739-00-00be-non-ap-mld-initiated-aggregation-opportunity-in-txop.pptx) | Non-AP MLD Initiated Aggregation: Opportunity in TXOP | Insun Jang | Done | ML-Constrained ops. | MAC |
| [740r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0740-00-00be-non-ap-mld-initiated-aggregation-truncation-of-back-off-count.pptx) | Non-AP MLD Initiated Aggregation: Truncation of Back-off Count | Insun Jang | Done | ML-Constrained ops. | MAC |
| [741r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0741-00-00be-indication-of-multi-link-information-follow-up.pptx) | Indication of Multi-link Information: Follow-up | Insun Jang | Done | ML-Mgmt. | MAC |
| ~~749r0~~ | ~~Discussion on Link Management for Power Saving~~ | ~~Namyeong Kim~~ | ~~Removed~~ | ~~ML-Power Save~~ | ~~MAC~~ |
| [751r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0751-00-00be-multi-link-setup-clarifications.pptx) | Multi-link Setup clarifications | Rojan Chitrakar | Done | ML-Mgmt. | MAC |
| [757r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0757-00-00be-ml-fragmentation.pptx) | ML fragmentation | Po-Kai Huang | Done | ML-Operation | MAC |
| [760r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0760-00-00be-multi-link-sm-power-save-mode.pptx) | Multi-Link-SM-Power-Save-Mode | Jason Yuchen Guo | Done | ML-Power Save | MAC |
| [761r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0761-00-00be-multi-link-group-addressed-frame-delivery-for-non-str-mld.pptx) | Multi-Link-Group-Addressed-Frame-delivery-for-non-STR-MLD | Jason Yuchen Guo | Done | ML-Constrained ops. | MAC |
| [762r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0762-00-00be-sta-id-indication-for-constrained-multi-link-operation.pptx) | STA ID Indication for Constrained Multi-Link Operation | Yongho Seok | Done | ML-Constrained ops. | MAC |
| [772r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-00-00be-multi-link-element-format.pptx) | Multi-link element format | Rojan Chitrakar | Done | ML-General | MAC |
| [809r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0809-00-00be-str-capability-report.pptx) | STR capability report | Pooya Monajemi | Done | ML-Constrained ops. | MAC |
| [810r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0810-00-00be-dynamic-link-set.pptx) | Dynamic Link Set | Pooya Monajemi | Done | ML-Mgmt. | MAC |
| [834r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0834-04-00be-tentative-re-association-for-non-ap-mld.pptx) | Tentative (Re)Association for Non-AP MLD | Guogang Huang | Done | ML-Mgmt. | MAC |
| [843r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0843-00-00be-mlo-bss-information-transmission-with-and-without-multiple-bssid.pptx) | MLO BSS Information Transmission with and without Multiple BSSID Support | Liwen Chu | Done | ML-Mgmt. | MAC |
| [865r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0865-00-00be-ap-mld-beaconing-and-discovery.pptx) | AP MLD Beaconing and Discovery | Jarkko Knekt | Done | ML-Mgmt. | MAC |
| [866r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0866-00-00be-gcmp-for-11be.pptx) | GCMP for 11be | Laurent Cariou | Done | MAC-General | MAC |
| [883r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0883-00-00be-multi-link-spatial-multiplexing.pptx) | Multi-link Spatial Multiplexing | Yongho Seok | Done | ML-General | MAC |
| [895r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0895-00-00be-preamble-puncturing-support-for-eht-transmission.pptx) | Preamble Puncturing Support for EHT transmission | Kaiying Lu | Done | MAC-General | MAC |
| [898r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0898-00-00be-mld-discovery-follow-up.pptx) | MLD discovery follow up | Young Hoon Kwon | Done | ML-Mgmt. | MAC |
| [899r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0899-00-00be-tim-follow-up.pptx) | TIM follow up | Young Hoon Kwon | Done | ML-Power Save | MAC |
| [900r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0900-00-00be-nstr-mld-operation.pptx) | NSTR MLD operation | Young Hoon Kwon | Done | ML-General | MAC |
| [908r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0908-00-00be-multilink-ts-operation.pptx) | Multilink TS Operation | Harry Wang | Done | ML-General | MAC |
| [909r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0909-00-00be-enhanced-non-str-mld-operation.pptx) | Enhanced Non-STR MLD Operation | Jeongki Kim | Done | ML-Constrained ops. | MAC |
| [921r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-00-00be-discussion-about-str-capabilities-indication.pptx) | Discussion about STR capabilities indication | Yunbo Li | Done | ML-Constrained ops. | MAC |
| [924r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0924-00-00be-all-tids-mapped-to-all-links.pptx) | All tids mapped to all links | Yong Liu | Done | ML-Operation | MAC |
| [974r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-00-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx) | Channel access of STR AP MLD with non-STR non-AP MLD | Liangxiao Xin | Done | ML-Constrained ops. | MAC |
| [977r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0977-01-00be-mld-spatial-multiplexing-considerations.pptx) | MLD Spatial Multiplexing Considerations | Sharan Naribole | Done | ML-General | MAC |
| [993r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-00-00be-sync-ml-operations-of-non-str-device.pptx) | Sync ML operations for non-STR device | Dmitry Akhmetov | Done | ML-Constrained ops. | MAC |
| [1006r0](https://mentor.ieee.org/802.11/dcn/19/11-19-1006-00-0000-1st-vice-chair-report-july-2019-vienna.pptx) | New Methods to Meet Low Latency Requirements | Jinjing Jiang | Done | Low Latency | MAC |
| [1009r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-00-00be-multi-link-hidden-terminal-followup.pptx) | Blindness issue for non-STR operations-followup | Dibakar Das | Done | ML-Constrained ops. | MAC |
| [1028r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1028-00-00be-backup-link-for-low-latency-communication.pptx) | Backup link for low latency communication | Qi Wang | Done | Low Latency | MAC |
| [992r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-00-00be-mlo-optional-mandatory.pptx) | MLO mandatory/optional | Laurent Cariou | Done | ML-General | MAC |
| End of MAC Queue | | | | | |
| ~~737r0~~ | ~~Supported EHE-MCSs and spatial streams signaling~~ | ~~Yongho Seok~~ | ~~Removed~~ | ~~General~~ | ~~PHY~~ |
| [959r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0959-00-00be-thoughts-on-u-sig-contents.pptx) | Thoughts on U-SIG Contents | Wook Bong Lee | Done | SIG | PHY |
| [961r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0961-00-00be-pilot-mapping-and-sequences-for-data-section-in-11be.pptx) | Pilot mapping and sequences for data section in 11be | Jinyoung Chun | Done | General | PHY |
| [962r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0962-00-00be-1x-eht-ltf-sequence.pptx) | 1x EHT LTF sequence | Jinyoung Chun | Done | Preamble | PHY |
| [965r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0965-00-00be-6ghz-lpi-range-extension.pptx) | 6GHz LPI Range Extension | Ron Porat | Done | General | PHY |
| [969r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0969-00-00be-bandwidth-indication-for-eht-ppdu.pptx) | Bandwidth Indication for EHT PPDU | Ross Jian Yu | Done | SIG | PHY |
| [970r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0970-00-00be-multi-ru-indication-in-ru-allocation-subfield.pptx) | Multi-RU indication in RU allocation subfield | Ross Jian Yu | Done | SIG | PHY |
| [971r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0971-00-00be-spoofing-indication-in-eht-sig.pptx) | Spoofing indication in EHT-SIG | Mengshi Hu | Done | SIG | PHY |
| [978r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0978-00-00be-1x-eht-ltf-sequences-design.pptx) | 1x EHT-LTF Sequences Design | Dandan Liang | Done | Preamble | PHY |
| [985r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0985-00-00be-ru-allocation-subfield-design-in-eht-sig-follow-up.pptx) | RU Allocation Subfield Design in EHT-SIG Follow up | Myeongjin Kim | Done | EHT SIG | PHY |
| [986r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0986-00-00be-dcm-for-range-extension-in-6ghz-lpi-band.pptx) | DCM for range extension in 6GHz LPI band | Jianhan Liu | Done | General | PHY |
| [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 | Done | General | PHY |
| End of PHY Queue | | | | | |

## New Technical Presentations’ List

* 6 submissions in the Joint queue
* 43 submissions in the MAC queue
* 20 submission in the PHY queue

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| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [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 | General | 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 | Pending | General | 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 Transmission | 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 | General | Joint |
| 1436r0 | NDPA and MIMO Control Field Design for EHT | Sameer Vermani | Pending | General | Joint |
| End of Joint Queue | | | | | |
| [163r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0163-00-00be-low-latency-enhancements.pptx) | Low Latency Enhancements | Duncan Ho | Done | Low Latency | MAC |
| [824r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0824-00-00be-management-signaling-in-mlo.pptx) | Management signaling in MLO | Abhishek Patil | Done | ML-Mgmt. | MAC |
| [914r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0914-00-00be-multi-tid-ml-ba-negotiation.pptx) | Multi-TID ML BA Negotiation | Abhishek Patil | Done | ML-Block Ack | MAC |
| [948r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0948-00-00be-priority-service-capability-information.pptx) | Priority Service Capability Information | Subir Das | Done | MAC General | MAC |
| [972r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0972-00-00be-multi-link-operation-for-constrained-mld.pptx) | Multi-link Operation for Constrained MLD | Liuming Lu | Done | ML-Med Access | MAC |
| [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 | Pending | Low Latency | MAC |
| 1044r0 | MLO: TID-to-link mapping negotiation | Abhishek Patil | Pending | ML-Mgmt. | MAC |
| [1045r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1045-00-00be-prioritized-edca-channel-access.pptx) | Prioritized EDCA channel access | Chunyu Hu | Done | ML-Med Access | MAC |
| [1046r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-00-00be-prioritized-edca-channel-access-slot-management.pptx) | Prioritized EDCA channel access: slot management | Chunyu Hu | Done | ML-Med Access | MAC |
| 1047r0 | Latency sensitive link operation: Part 1 | Chunyu Hu | Pending | Low Latency | MAC |
| 1048r0 | Latency sensitive link operation: Part 2 | Chunyu Hu | Pending | Low Latency | MAC |
| [1049r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1049-02-00be-mld-link-transition-management.pptx) | MLD link transition management | Payam Torab | Done | ML-Mgmt. | MAC |
| 1050r0 | MLA: BW Switching | Duncan Ho | Pending | ML-Constrained ops | MAC |
| 1051r0 | MLA: UL Aggregation Fairness | Duncan Ho | Pending | ML-Constrained ops | MAC |
| Requests Received after the Call For Submissions of July | | | | | |
| [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 |
| [~~363r2~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0362-01-00be-proposals-on-ampdu-ba-mechanisms.pptx) | ~~Proposals on unused bandwidth utilizations~~ | ~~Sindhu Verma~~ | ~~SP only~~ | ~~MAC- General~~ | ~~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 | Pending | 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 | Pending | 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 | Pending | ML-General | MAC |
| 882r0 | 320 MHz and 16 SS OM Operation | Po-Kai Huang | Pending | 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 | Pending | 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 | Pending | 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 | Pending | 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 | Pending | 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 | Pending | MAC-General | MAC |
| [1053r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1053-00-00be-synchronous-multi-link-transmission-of-non-str-mld.pptx)  [527] | Synchronous Multi-link Transmission of Non-STR MLD | Yongho Seok | Swapped/Done | ML-Constrained ops | MAC |
| 1055r0 | TID-to-link mapping signaling | Yongho Seok | Pending | 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 | Pending | Low Latency | MAC |
| 1058r0 | Low Latency Support | Liwen Chu | Pending | Low Latency | MAC |
| 1059r0 | 6GHz BSS Operation | Liwen Chu | Pending | 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 | Pending | 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 | Pending | Low Latency | MAC |
| 1069r0 | MU-RTS/CTS continuation | Jarkko Kneckt | Pending | 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 | Pending | 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 | Pending | 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 | Pending | ML-General | MAC |
| 1141r0 | Restrictions on MLD Probe | Cheng Chen | Pending | 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 | Pending | 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 | Pending | 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 | Pending | 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 | 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 | Pending | ML-Mgmt. | MAC |
| 1263r0 | Non-STR Blindness Rules Discussion | Sharan Naribole | Pending | ML-Constrained Ops | MAC |
| 1312r0 | Triggered SU PPDU for 11be R1 | Dibakar Das | Pending | ML-Constrained Ops | 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 | Pending | MAC-General | MAC |
| 1326r0 | EHT bandwidth signaling | Kaiying Lu | Pending | 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 | Pending | Low Latency | MAC |
| 1396r0 | Multi-Link Probe Request Design | Jason Guo | Pending | 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 | Pending | ML-Power Save | MAC |
| End of MAC Queue | | | | | |
| [1027r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1027-00-00be-indication-of-large-size-ru-combinations.pptx) | Indication of large-size RU combinations | Lei Huang | Done | EHT SIG | PHY |
| [1035r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1035-00-00be-follow-up-on-feedback-enhancement.pptx) | follow-up-feedback-enhancement | Ruchen Duan | Done | Link Adaptation | PHY |
| Requests Received after the Call For Submissions of July | | | | | |
| [954r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0954-01-00be-240mhz-transmission.pptx) | 240MHz transmission | Xiaogang Chen | Done | General | PHY |
| [975r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0975-00-00be-discussion-on-11be-phy-capabilities.pptx) | Discussion on 11be PHY Capabilities | Bin Tian | Done | General | PHY |
| [1064r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1064-00-00be-consideration-on-compressed-mode-in-11be.pptx) | Consideration on compressed mode in 11be | Dongguk Lim | Done | SIG | PHY |
| [1065r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1065-00-00be-2x-eht-ltf-sequence.pptx) | 2x EHT-LTF sequence | Jinyoung Chun | Done | Preamble | PHY |
| [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 | Done | Preamble | PHY |
| [1072r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1072-00-00be-2x-eht-ltf-sequences-design.pptx) | 2x EHT-LTF Sequences Design | Dandan Liang | Done | Preamble | PHY |
| [1073r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-00-00be-4x-eht-ltf-sequences-design.pptx) | 4x EHT-LTF Sequences Design | Dandan Liang | Done | Preamble | PHY |
| [1100r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1100-00-00be-discussions-on-eht-non-contigeous-ppdu.pptx) | Discussions on EHT non-contigeous PPDU | Rui Cao | Done | General | PHY |
| [1102r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1102-01-00be-zero-user-rus-for-per-80mhz-resource-unit-allocation-signaling.pptx) | Zero User RUs for Per-80MHz Resource Unit Allocation Signaling | Jianhan Liu | Done | RU Allocation | PHY |
| [1107r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1107-00-00be-remaining-issues-with-new-11be-scrambler.pptx) | Remaining Issues with new 11be Scrambler | Bin Tian | Done | General | PHY |
| [1119r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1119-00-00be-remaining-tbds-for-dcm.pptx) | Remaining TBDs for DCM | Bin Tian | Done | General | PHY |
| [1135r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1135-00-00be-papr-issues-for-eht-er-su-ppdu.pptx) | PAPR Issues for EHT ER SU PPDU | Eunsung Park | Done | General | PHY |
| [1138r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1138-01-00be-large-m-ru-table.pptx) | Large M-RU Table | Ron Porat | Done | RU Allocation | PHY |
| [1150r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1150-00-00be-preamble-puncture-discussion-in-eht-ppdu.pptx) | Preamble Puncture Discussion in EHT PPDU | Ross Jian Yu | Done | Puncturing | PHY |
| [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) | 11be spectral mask | Bin Tian | Pending | General | PHY |
| [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 | Done | Puncturing | 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 | Pending | 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 | Pending | 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 | Pending | 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 | Pending | 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 | Pending | 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 | Ron Porat | Pending | General | PHY |
| [1216r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1216-01-00be-4x-320mhz-ltf-design.pptx) | 4x LTF Design | Ron Porat | Done | Preamble | 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 | Pending | 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 | Pending | 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 | Pending | 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 | Pending | 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 | Pending | 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 | Pending | 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 | Pending | General | PHY |
| 1331r0 | EHT Pre-FEC Padding and Packet Extension | Rui Cao | Pending | 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 | Pending | 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 | Pending | 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 | Pending | General | PHY |
| 1375r0 | EHT NLTF Design | Rui Cao | Pending | 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 | Pending | 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 | Pending | General | PHY |
| End of PHY Queue | | | | | |

## Order of Topics

### Joint

* MAP-SR (**0**), MAP-Protection (**0**), Multi-RU (**1**), General (**5+4**), Sounding (**1**) Releases **(0),** HARQ (**0**), MAP-TDMA (**0**), Low Lat (**0**), MAP-General (**2**), MAP-MU MIMO (**0**) MAP-CBF (**0**)**.**

### MAC

* ML-General (**1+8**), MAC-General (**7)**, ML-Power Save (**1**), ML-Mgmt. (**1+4**), ML-Constrained ops, (**2+10**), ML-Operation (**0**), Low Latency (**3+3**), ML-Block Ack (**0**), ML-Architecture (**0**), ML-Med Access (**1**), MAC-Medium Access (**0**), MAC-Block Ack (**0**), MAC-Protection (**0**).

### PHY

* SIG (**0**), Preamble (**3**), MU-MIMO (**2**), Puncturing (**3**), RU Allocation (**0**), 4K-QAM (**0**), Channelization (**0**), General (**12)**, Link Adaptation (**0**).

## Teleconference Agendas

### 1st Conf. Call: July 13 (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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
  + Towards TGbe D0.1 Draft – Status and Updates– [997r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-03-00be-tgbe-spec-text-volunteers-and-status.docx)
    - Ask for volunteers for PHY rows that are missing a POC [rows in yellow]
      * Allocate 10-15 mins of time during the call for this action item.
    - For volunteers of PHY rows that have multiple POCs [rows in blue]
      * Ask members to synch offline and reduce to one POC per topic
      * AI is targeting start of Thursday Joint Conf call [11:30am ET].
* Technical Submissions:
  + [798r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0798-04-00be-signaling-of-ru-allocation-follow-up.pptx) Signaling of RU allocation follow-up (Dongguk Lim) [4 SPs]
  + [839r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0839-02-00be-management-of-ru-allocation-field.pptx) Management of RU allocation field (Dongguk Lim) [3 SPs]
  + [930r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0930-02-00be-consideration-on-user-specific-field-in-eht-sig.pptx) Consideration on user specific field in EHT-SIG field (Dongguk Lim) [4 SPs]
  + [959r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0959-00-00be-thoughts-on-u-sig-contents.pptx) Thoughts on U-SIG Contents (Wook Bong Lee)
  + [960r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0960-01-00be-consideration-on-240mhz.pptx) Consideration on 240MHz (Eunsung Park) [SPs]
  + [969r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0969-01-00be-bandwidth-indication-for-eht-ppdu.pptx) Bandwidth Indication for EHT PPDU (Ross Jian Yu)
  + [961r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0961-00-00be-pilot-mapping-and-sequences-for-data-section-in-11be.pptx) Pilot mapping and sequences for data section in 11be (Jinyoung Chun)
  + [962r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0962-00-00be-1x-eht-ltf-sequence.pptx) 1x EHT LTF sequence (Jinyoung Chun)
  + [978r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0978-00-00be-1x-eht-ltf-sequences-design.pptx) 1x EHT-LTF Sequences Design (Dandan Liang)
  + [986r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0986-00-00be-dcm-for-range-extension-in-6ghz-lpi-band.pptx) DCM for range extension in 6GHz LPI band (Jianhan Liu)
  + [965r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0965-01-00be-6ghz-lpi-range-extension.pptx) 6GHz LPI Range Extension (Ron Porat)
  + [970r4](https://mentor.ieee.org/802.11/dcn/19/11-19-0970-04-00az-pasn-state1a-related-text.docx) Multi-RU indication in RU allocation subfield (Ross Jian Yu)
  + [971r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0971-00-00be-spoofing-indication-in-eht-sig.pptx) Spoofing indication in EHT-SIG (Mengshi Hu)
  + [985r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0985-00-00be-ru-allocation-subfield-design-in-eht-sig-follow-up.pptx) RU Allocation Subfield Design in EHT-SIG Follow up (Myeongjin Kim)
* AoB:
* Adjourn

### 1st Conf. Call: July 13 (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
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* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
  + Towards TGbe D0.1 Draft – Status and Updates – [997r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-03-00be-tgbe-spec-text-volunteers-and-status.docx)
    - Ask for volunteers for MAC rows that are missing a POC [rows in yellow]
      * Allocate 10-15 mins of time during the call for this action item.
    - For volunteers of MAC rows that have multiple POCs [rows in blue]
      * Ask members to synch offline and reduce to one POC per topic
      * AI is targeting start of Thursday Joint Conf call [11:30am ET].
* Technical Submissions-**Deferred SPs from Previous Topics [nominally 10 mins total]**
  + [357r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0357-04-00be-mlo-container-structure-for-capability-advertisement.pptx) [1 SP], [586r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0586-04-00be-mlo-signaling-of-critical-updates.pptx) [SP 2, SP 6], [396r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0396-05-00be-mlo-bss-information-transmission-and-multiple-bssid-support.pptx) [SP3, SP4], [503r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0503-02-00be-bss-parameter-update-for-multi-link-operation.pptx) [4 SPs]
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + Deferred SPs: [770r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0770-01-00be-mlo-aid-allocation.pptx) [1 SP].
  + [772r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0772-01-00be-multi-link-element-format.pptx) Multi-link element format (Rojan Chitrakar)
  + [883r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0883-00-00be-multi-link-spatial-multiplexing.pptx) Multi-link Spatial Multiplexing (Yongho Seok)

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* + [900r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0900-00-00be-nstr-mld-operation.pptx) NSTR MLD operation (Young Hoon Kwon)
  + ~~992r0 MLO mandatory/optional (Laurent Cariou)\*~~
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [668r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0668-01-00be-320-mhz-bss-configuration-follow-up.pptx) 320-mhz-bss-configuration-follow-up (Po-Kai Huang)
  + [684r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0684-00-00be-bss-channel-width-configuration.pptx) BSS channel width configuration (Young Hoon Kwon)
  + [712r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-00-00be-bqr-for-320mhz.pptx) BQR for 320MHz (Yunbo Li)
  + ~~736r0 EHT SST Operation (Yongho Seok)\*~~
  + [~~866r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0866-00-00be-gcmp-for-11be.pptx) ~~GCMP for 11be (Laurent Cariou)\*~~
  + [~~895r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0895-00-00be-preamble-puncturing-support-for-eht-transmission.pptx) ~~Preamble Puncturing Support for EHT transmission (Kaiying Lu)\*~~
* Technical Submissions: **ML Power Save [10 mins if SP only, 30 mins otherwise]**
  + ~~749r0 Discussion on Link Management for Power Saving (Namyeong Kim)\*~~
  + [760r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0760-00-00be-multi-link-sm-power-save-mode.pptx) Multi-Link-SM-Power-Save-Mode Jason Yuchen Guo)
  + ~~899r0 TIM follow up (Young Hoon Kwon)\*~~
* Technical Submissions: **ML-Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [615r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0615-00-00be-discovery-mechanism-for-mld.pptx) Discovery mechanism for MLD (Ming Gan)
  + [669r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-00-00be-mld-transition.pptx) MLD transition (Po-Kai Huang)
  + ~~741r0 Indication of Multi-link Information: Follow-up (Insun Jang)\*~~
  + [751r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0751-00-00be-multi-link-setup-clarifications.pptx) Multi-link Setup clarifications (Rojan Chitrakar)
  + [810r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0810-00-00be-dynamic-link-set.pptx) Dynamic Link Set (Pooya Monajemi)
  + [834r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0834-04-00be-tentative-re-association-for-non-ap-mld.pptx) Tentative (Re)Association for Non-AP MLD (Guogang Huang)
  + [843r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0843-00-00be-mlo-bss-information-transmission-with-and-without-multiple-bssid.pptx) MLO BSS Info. TX with & without Multiple BSSID Support (Liwen Chu)
  + [865r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0865-00-00be-ap-mld-beaconing-and-discovery.pptx) AP MLD Beaconing and Discovery (Jarkko Knekt)
  + ~~898r0 MLD discovery follow up (Young Hoon Kwon)\*~~
* AoB:
* Adjourn

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

### 2nd Conf. Call: July 15 (10:00–12:00 ET)–MAC

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

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* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **ML General [10 mins if SP only, 30 mins otherwise]**
  + [883r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0883-00-00be-multi-link-spatial-multiplexing.pptx) Multi-link Spatial Multiplexing (Yongho Seok) [Q&A and SP]
  + [900r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0900-00-00be-nstr-mld-operation.pptx) NSTR MLD operation (Young Hoon Kwon)
  + [908r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0908-00-00be-multilink-ts-operation.pptx) Multilink TS Operation (Harry Wang)

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* + ~~977r0 MLD Spatial Multiplexing Considerations (Sharan Naribole)\*~~
  + ~~992r0 MLO mandatory/optional (Laurent Cariou)\*~~
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [668r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0668-01-00be-320-mhz-bss-configuration-follow-up.pptx) 320-mhz-bss-configuration-follow-up (Po-Kai Huang)
  + [684r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0684-00-00be-bss-channel-width-configuration.pptx) BSS channel width configuration (Young Hoon Kwon)
  + [712r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-00-00be-bqr-for-320mhz.pptx) BQR for 320MHz (Yunbo Li)
  + ~~736r0 EHT SST Operation (Yongho Seok)\*~~
  + [866r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0866-00-00be-gcmp-for-11be.pptx) GCMP for 11be (Laurent Cariou)
  + [895r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0895-00-00be-preamble-puncturing-support-for-eht-transmission.pptx) Preamble Puncturing Support for EHT transmission (Kaiying Lu)
* Technical Submissions: **ML Power Save [10 mins if SP only, 30 mins otherwise]**
  + ~~749r0 Discussion on Link Management for Power Saving (Namyeong Kim)\*~~
  + [760r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0760-00-00be-multi-link-sm-power-save-mode.pptx) Multi-Link-SM-Power-Save-Mode Jason Yuchen Guo)
  + ~~899r0 TIM follow up (Young Hoon Kwon)\*~~
* Technical Submissions: **ML-Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [615r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0615-00-00be-discovery-mechanism-for-mld.pptx) Discovery mechanism for MLD (Ming Gan)
  + [669r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-00-00be-mld-transition.pptx) MLD transition (Po-Kai Huang)
  + ~~741r0 Indication of Multi-link Information: Follow-up (Insun Jang)\*~~
  + [751r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0751-00-00be-multi-link-setup-clarifications.pptx) Multi-link Setup clarifications (Rojan Chitrakar)
  + [810r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0810-00-00be-dynamic-link-set.pptx) Dynamic Link Set (Pooya Monajemi)
  + [834r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0834-04-00be-tentative-re-association-for-non-ap-mld.pptx) Tentative (Re)Association for Non-AP MLD (Guogang Huang)
  + [843r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0843-00-00be-mlo-bss-information-transmission-with-and-without-multiple-bssid.pptx) MLO BSS Info. TX with & without Multiple BSSID Support (Liwen Chu)
  + [865r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0865-00-00be-ap-mld-beaconing-and-discovery.pptx) AP MLD Beaconing and Discovery (Jarkko Knekt)
  + ~~898r0 MLD discovery follow up (Young Hoon Kwon)\*~~
* AoB:
* Adjourn

### 3rd Conf. Call: July 16 (11:30–13:00 ET)–JOINT

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

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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Dennis Sundman ([dennis.sundman@ericsson.com](mailto:dennis.sundman@ericsson.com)) and Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements: None.
* Towards TGbe D0.1 Draft – Status and Updates
  + [997r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-04-00be-tgbe-spec-text-volunteers-and-status.docx) TGbe spec text volunteers and status

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* Technical Submissions**-MAP General**:
  + [~~596r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0596-00-00be-ap-candidate-set-follow-up.pptx) ~~AP candidate set follow up (Cheng Chen) [SPs]~~
  + [~~617r2~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0617-02-00be-multi-ap-operation-basic-definition.pptx) ~~Multi-AP-Operation-Basic-Definition (Oren Kedem) [SPs]~~
  + [674r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0674-01-00be-forward-compatible-ofdma.pptx) Forward compatible OFDMA (Xiaogang Chen) [SPs]
* Technical Submissions**-MAP MU MIMO**:
  + [548r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0548-01-00be-discussion-on-coordinated-ul-mu-mimo.pptx) Discussion On Coordinated UL MU-MIMO (Genadiy Tsodik) [SPs]
* Technical Submissions**-MAP SR**:
  + [576r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0576-01-00be-coordinated-spatial-reuse-protocol.pptx) Coordinated Spatial Reuse Protocol (Yongho Seok)
  + [590r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0590-00-00be-shared-txop-spatial-reuse-considerations.pptx) Shared TXOP Spatial Reuse Considerations (Jonghun Han)
* Technical Submissions**-MAP-Protection**:
  + [643r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0643-00-00be-mu-rts-in-multi-ap-operation.pptx) MU-RTS in Multi-AP Operation (Yunbo Li)
  + [644r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0644-00-00be-nav-setting-in-multi-ap-operation.pptx) NAV Setting in Multi-AP Operation (Yunbo Li)
  + [933r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0933-00-00be-hidden-node-protection-in-coordinated-ap-transmissions.pptx) Hidden Node Protection in Coord. AP TXs (Dennis Sundman)
* Technical Submissions**-MAP-Multi-RU**:
  + [~~950r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0950-00-00be-partial-bandwidth-feedback-for-multi-ru.pptx) ~~Partial Bandwidth Feedback for Multi-RU (Eunsung Jeon)~~
* AoB:
* Adjourn

### 4th Conf. Call: July 20 (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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
  + [970r4](https://mentor.ieee.org/802.11/dcn/19/11-19-0970-04-00az-pasn-state1a-related-text.docx) Multi-RU indication in RU allocation subfield (Ross Jian Yu)
  + [985r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0985-00-00be-ru-allocation-subfield-design-in-eht-sig-follow-up.pptx) RU Allocation Subfield Design in EHT-SIG Follow up (Myeongjin Kim)
  + [971r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0971-00-00be-spoofing-indication-in-eht-sig.pptx) Spoofing indication in EHT-SIG (Mengshi Hu)
  + [1027r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1027-00-00be-indication-of-large-size-ru-combinations.pptx) Indication of large-size RU combinations (Lei Huang)
  + [1102r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1102-00-00be-zero-user-rus-for-per-80mhz-resource-unit-allocation-signaling.pptx) Zero User RUs for Per-80MHz Resource Unit Allocation Signaling (Jianhan Liu)
  + [798r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0798-04-00be-signaling-of-ru-allocation-follow-up.pptx) Signaling of RU allocation follow-up (Dongguk Lim) [4 SPs]
  + [839r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0839-02-00be-management-of-ru-allocation-field.pptx) Management of RU allocation field (Dongguk Lim) [3 SPs]

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* + [959r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0959-00-00be-thoughts-on-u-sig-contents.pptx) Thoughts on U-SIG Contents (Wook Bong Lee)
  + [969r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0969-01-00be-bandwidth-indication-for-eht-ppdu.pptx) Bandwidth Indication for EHT PPDU (Ross Jian Yu)
  + [961r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0961-00-00be-pilot-mapping-and-sequences-for-data-section-in-11be.pptx) Pilot mapping and sequences for data section in 11be (Jinyoung Chun)
  + [962r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0962-00-00be-1x-eht-ltf-sequence.pptx) 1x EHT LTF sequence (Jinyoung Chun)
  + [978r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0978-00-00be-1x-eht-ltf-sequences-design.pptx) 1x EHT-LTF Sequences Design (Dandan Liang)
  + [986r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0986-00-00be-dcm-for-range-extension-in-6ghz-lpi-band.pptx) DCM for range extension in 6GHz LPI band (Jianhan Liu)
  + [965r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0965-01-00be-6ghz-lpi-range-extension.pptx) 6GHz LPI Range Extension (Ron Porat)
* AoB:
* Adjourn

### 4th Conf. Call: July 20 (10:00–13:00 ET)–MAC

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

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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Deferred SPs from Previous Topics [nominally 10 mins total]**
  + [1943r9](https://mentor.ieee.org/802.11/dcn/19/11-19-1943-09-00be-multi-link-management.pptx) [SP 4], [562r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0562-07-00be-enhanced-multi-link-single-radio-operation.pptx) [SP2], [389r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0389-03-00be-multi-link-discovery-part-1.pptx) [SP 1 Ext]
* Technical Submissions: **MAC General [10 mins if SP only, 30 mins otherwise]**
  + [668r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0668-01-00be-320-mhz-bss-configuration-follow-up.pptx) 320-mhz-bss-configuration-follow-up (Po-Kai Huang)
  + [684r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0684-00-00be-bss-channel-width-configuration.pptx) BSS channel width configuration (Young Hoon Kwon)
  + [712r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-00-00be-bqr-for-320mhz.pptx) BQR for 320MHz (Yunbo Li)
  + [736r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0736-01-00be-eht-sst-operation.pptx) EHT SST Operation (Yongho Seok)
  + [866r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0866-00-00be-gcmp-for-11be.pptx) GCMP for 11be (Laurent Cariou)
  + [895r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0895-00-00be-preamble-puncturing-support-for-eht-transmission.pptx) Preamble Puncturing Support for EHT transmission (Kaiying Lu)

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* Technical Submissions: **ML Power Save [10 mins if SP only, 30 mins otherwise]**
  + ~~749r0 Discussion on Link Management for Power Saving (Namyeong Kim)\*~~
  + [760r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0760-00-00be-multi-link-sm-power-save-mode.pptx) Multi-Link-SM-Power-Save-Mode Jason Yuchen Guo)
  + ~~899r0 TIM follow up (Young Hoon Kwon)\*~~
* Technical Submissions: **ML-Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [615r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0615-00-00be-discovery-mechanism-for-mld.pptx) Discovery mechanism for MLD (Ming Gan)
  + [669r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-00-00be-mld-transition.pptx) MLD transition (Po-Kai Huang)
  + ~~741r0 Indication of Multi-link Information: Follow-up (Insun Jang)\*~~
  + [751r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0751-00-00be-multi-link-setup-clarifications.pptx) Multi-link Setup clarifications (Rojan Chitrakar)
  + [810r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0810-00-00be-dynamic-link-set.pptx) Dynamic Link Set (Pooya Monajemi)
  + [834r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0834-06-00be-tentative-re-association-for-non-ap-mld.pptx) Tentative (Re)Association for Non-AP MLD (Guogang Huang)
  + [843r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0843-00-00be-mlo-bss-information-transmission-with-and-without-multiple-bssid.pptx) MLO BSS Info. TX with & without Multiple BSSID Support (Liwen Chu)
  + [865r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0865-00-00be-ap-mld-beaconing-and-discovery.pptx) AP MLD Beaconing and Discovery (Jarkko Knekt)
  + ~~898r0 MLD discovery follow up (Young Hoon Kwon)\*~~
* AoB:
* Adjourn

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

### 5th Conf. Call: July 22 (10:00–13:00 ET)–MAC

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

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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Deferred SPs from Previous Topics [nominally 10 mins total]**
  + [883r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0883-01-00be-multi-link-spatial-multiplexing.pptx) [SP2]
* Technical Submissions: **ML Power Save [10 mins if SP only, 30 mins otherwise]**
  + ~~749r0 Discussion on Link Management for Power Saving (Namyeong Kim)\*~~
  + [760r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0760-00-00be-multi-link-sm-power-save-mode.pptx) Multi-Link-SM-Power-Save-Mode Jason Yuchen Guo)
  + [899r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0899-00-00be-tim-follow-up.pptx) TIM follow up (Young Hoon Kwon)
* Technical Submissions: **ML Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [615r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0615-00-00be-discovery-mechanism-for-mld.pptx) Discovery mechanism for MLD (Ming Gan)
  + [669r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-00-00be-mld-transition.pptx) MLD transition (Po-Kai Huang)
  + [741r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0741-00-00be-indication-of-multi-link-information-follow-up.pptx) Indication of Multi-link Information: Follow-up (Insun Jang)

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* + [751r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0751-00-00be-multi-link-setup-clarifications.pptx) Multi-link Setup clarifications (Rojan Chitrakar)
  + [810r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0810-00-00be-dynamic-link-set.pptx) Dynamic Link Set (Pooya Monajemi)
  + [834r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0834-06-00be-tentative-re-association-for-non-ap-mld.pptx) Tentative (Re)Association for Non-AP MLD (Guogang Huang)
  + [843r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0843-00-00be-mlo-bss-information-transmission-with-and-without-multiple-bssid.pptx) MLO BSS Info. TX with & without Multiple BSSID Support (Liwen Chu)
  + [865r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0865-00-00be-ap-mld-beaconing-and-discovery.pptx) AP MLD Beaconing and Discovery (Jarkko Knekt)
  + ~~898r0 MLD discovery follow up (Young Hoon Kwon)\*~~
* Technical Submissions: **ML Constrained Ops [10 mins if SP only, 30 mins otherwise]**
  + ~~505r0 Sync transmission for non-STR MLD (Ming Gan)\*~~
  + [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)
  + ~~528r0 Non-STR Downlink and BA (Sharan Naribole)\*~~
  + [577r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0577-00-00be-rts-and-cts-procedure-in-synchronous-multi-link-operation.pptx) RTS and CTS Procedure in Synchronous Multi-link Op. (Yongho Seok)
  + [613r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0613-00-00be-ap-assisted-non-str-behavior.pptx) AP assisted Non-STR behavior (Ming Gan)
  + [670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0670-00-00be-synchronous-multi-link-operation-follow-up.pptx) Synchronous Multi-link Operation Follow-up (Yongho Seok)
  + [671r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0671-00-00be-multi-link-triggered-uplink-access-follow-up.pptx) Multi-link Triggered Uplink Access Follow-up (Yongho Seok)
  + [672r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0672-00-00be-group-addressed-frame-transmission-in-constrained-multi-link-operation-follow-up.pptx) Group addr. frame TX in constrained multi-link op. follow-up (Yongho Seok)
  + [689r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0689-00-00be-single-sta-trigger.pptx) Single STA trigger (Young Hoon Kwon)
  + ~~739r0 Non-AP MLD Initiated Aggr.: Opportunity in TXOP (Insun Jang)~~
  + ~~740r0 Non-AP MLD Initiated Aggr.: Truncation of Back-off Count (Insun Jang)~~
  + [761r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0761-00-00be-multi-link-group-addressed-frame-delivery-for-non-str-mld.pptx) Multi Link Group Addr. Frame delivery for non-STR MLD (Jason Yuchen Guo)
  + ~~762r0 STA ID Indication for Constrained Multi-Link Operation (Yongho Seok)~~
  + [809r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0809-00-00be-str-capability-report.pptx) STR capability report (Pooya Monajemi)
  + ~~909r0 Enhanced Non-STR MLD Operation (Jeongki Kim)~~
  + [921r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-00-00be-discussion-about-str-capabilities-indication.pptx) Discussion about STR capabilities indication (Yunbo Li)
  + [974r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-00-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx) Channel access of STR AP MLD with non-STR non-AP MLD (Liangxiao Xin)
  + [1009r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-01-00be-multi-link-hidden-terminal-followup.pptx) Blindness issue for non-STR operations-followup (Dibakar Das)
* AoB:
* Adjourn

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

### 6th Conf. Call: July 23 (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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
  + [970r4](https://mentor.ieee.org/802.11/dcn/19/11-19-0970-04-00az-pasn-state1a-related-text.docx) Multi-RU indication in RU allocation subfield (Ross Jian Yu) [6 SPs]
  + [985r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0985-00-00be-ru-allocation-subfield-design-in-eht-sig-follow-up.pptx) RU Allocation Subfield Design in EHT-SIG Follow up (Myeongjin Kim) [4 SPs]
  + [971r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0971-00-00be-spoofing-indication-in-eht-sig.pptx) Spoofing indication in EHT-SIG (Mengshi Hu) [1 SP]
  + [1027r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1027-00-00be-indication-of-large-size-ru-combinations.pptx) Indication of large-size RU combinations (Lei Huang) [3 SPs]
  + [1102r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1102-00-00be-zero-user-rus-for-per-80mhz-resource-unit-allocation-signaling.pptx) Zero User RUs for Per-80MHz RU Allocation Signaling (Jianhan Liu) [1 SP]
  + [783r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0783-02-00be-eht-sig-compression-format.pptx) EHT sig compression format (Yujian Ross) [SP2]
  + [959r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0959-00-00be-thoughts-on-u-sig-contents.pptx) Thoughts on U-SIG Contents (Wook Bong Lee)
  + [969r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0969-01-00be-bandwidth-indication-for-eht-ppdu.pptx) Bandwidth Indication for EHT PPDU (Ross Jian Yu)

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* + [961r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0961-00-00be-pilot-mapping-and-sequences-for-data-section-in-11be.pptx) Pilot mapping and sequences for data section in 11be (Jinyoung Chun)
  + [962r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0962-00-00be-1x-eht-ltf-sequence.pptx) 1x EHT LTF sequence (Jinyoung Chun)
  + [978r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0978-00-00be-1x-eht-ltf-sequences-design.pptx) 1x EHT-LTF Sequences Design (Dandan Liang)
  + [986r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0986-00-00be-dcm-for-range-extension-in-6ghz-lpi-band.pptx) DCM for range extension in 6GHz LPI band (Jianhan Liu)
  + [965r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0965-01-00be-6ghz-lpi-range-extension.pptx) 6GHz LPI Range Extension (Ron Porat)
  + [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)
  + [1035r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1035-00-00be-follow-up-on-feedback-enhancement.pptx) follow-up-feedback-enhancement (Ruchen Duan)
* AoB:
* Adjourn

### 6th Conf. Call: July 23 (19:00–22:00 ET)–MAC

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

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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **ML Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [741r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0741-00-00be-indication-of-multi-link-information-follow-up.pptx) Indication of Multi-link Information: Follow-up (Insun Jang) [SPs]
  + [751r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0751-00-00be-multi-link-setup-clarifications.pptx) Multi-link Setup clarifications (Rojan Chitrakar)
  + [810r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0810-00-00be-dynamic-link-set.pptx) Dynamic Link Set (Pooya Monajemi)
  + [834r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0834-06-00be-tentative-re-association-for-non-ap-mld.pptx) Tentative (Re)Association for Non-AP MLD (Guogang Huang)
  + [843r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0843-00-00be-mlo-bss-information-transmission-with-and-without-multiple-bssid.pptx) MLO BSS Info. TX with & without Multiple BSSID Support (Liwen Chu)

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* + [865r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0865-00-00be-ap-mld-beaconing-and-discovery.pptx) AP MLD Beaconing and Discovery (Jarkko Knekt)
  + [~~898r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0898-00-00be-mld-discovery-follow-up.pptx) ~~MLD discovery follow up (Young Hoon Kwon)\*~~
* Technical Submissions: **ML Constrained Ops [10 mins if SP only, 30 mins otherwise]**
  + ~~505r0 Sync transmission for non-STR MLD (Ming Gan)\*~~
  + [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)
  + ~~528r0 Non-STR Downlink and BA (Sharan Naribole)\*~~
  + [577r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0577-00-00be-rts-and-cts-procedure-in-synchronous-multi-link-operation.pptx) RTS and CTS Procedure in Synchronous Multi-link Op. (Yongho Seok)
  + [613r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0613-00-00be-ap-assisted-non-str-behavior.pptx) AP assisted Non-STR behavior (Ming Gan)
  + [670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0670-00-00be-synchronous-multi-link-operation-follow-up.pptx) Synchronous Multi-link Operation Follow-up (Yongho Seok)
  + [671r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0671-00-00be-multi-link-triggered-uplink-access-follow-up.pptx) Multi-link Triggered Uplink Access Follow-up (Yongho Seok)
  + [672r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0672-00-00be-group-addressed-frame-transmission-in-constrained-multi-link-operation-follow-up.pptx) Group addr. frame TX in constrained multi-link op. follow-up (Yongho Seok)
  + [689r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0689-00-00be-single-sta-trigger.pptx) Single STA trigger (Young Hoon Kwon)
  + ~~739r0 Non-AP MLD Initiated Aggr.: Opportunity in TXOP (Insun Jang)\*~~
  + ~~740r0 Non-AP MLD Initiated Aggr.: Truncation of Back-off Count (Insun Jang)\*~~
  + [761r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0761-00-00be-multi-link-group-addressed-frame-delivery-for-non-str-mld.pptx) Multi Link Group Addr. Frame delivery for non-STR MLD (Jason Yuchen Guo)
  + ~~762r0 STA ID Indication for Constrained Multi-Link Operation (Yongho Seok)\*~~
  + [809r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0809-00-00be-str-capability-report.pptx) STR capability report (Pooya Monajemi)
  + [~~909r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0909-00-00be-enhanced-non-str-mld-operation.pptx) ~~Enhanced Non-STR MLD Operation (Jeongki Kim)\*~~
  + [921r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-00-00be-discussion-about-str-capabilities-indication.pptx) Discussion about STR capabilities indication (Yunbo Li)
  + [974r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-00-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx) Channel access of STR AP MLD with non-STR non-AP MLD (Liangxiao Xin)
  + [1009r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-01-00be-multi-link-hidden-terminal-followup.pptx) Blindness issue for non-STR operations-followup (Dibakar Das)
* AoB:
* Adjourn

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

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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Towards TGbe D0.1 Draft – Status and Updates [~30 mins]
  + [997r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-04-00be-tgbe-spec-text-volunteers-and-status.docx) TGbe spec text volunteers and status (PHY rows)
* Technical Submissions:
  + [961r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0961-00-00be-pilot-mapping-and-sequences-for-data-section-in-11be.pptx) Pilot mapping and sequences for data section in 11be (Jinyoung Chun)
  + [962r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0962-03-00be-1x-eht-ltf-sequence.pptx) 1x EHT LTF sequence (Jinyoung Chun)
  + [978r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0978-01-00be-1x-eht-ltf-sequences-design.pptx) 1x EHT-LTF Sequences Design (Dandan Liang)
  + [986r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0986-00-00be-dcm-for-range-extension-in-6ghz-lpi-band.pptx) DCM for range extension in 6GHz LPI band (Jianhan Liu)
  + [965r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0965-01-00be-6ghz-lpi-range-extension.pptx) 6GHz LPI Range Extension (Ron Porat)
  + [1135r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1135-00-00be-papr-issues-for-eht-er-su-ppdu.pptx) PAPR Issues for EHT ER SU PPDU (Eunsung Park)
  + [1119r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1119-00-00be-remaining-tbds-for-dcm.pptx) Remaining TBDs for DCM (Bin Tian)

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* + [1100r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1100-00-00be-discussions-on-eht-non-contigeous-ppdu.pptx) Discussions on EHT non-contigeous PPDU (Rui Cao)
  + [954r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0954-02-00be-240mhz-transmission.pptx) 240MHz transmission (Xiaogang Chen)
  + [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)
  + [1035r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1035-00-00be-follow-up-on-feedback-enhancement.pptx) follow-up-feedback-enhancement (Ruchen Duan)
  + [1107r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1107-00-00be-remaining-issues-with-new-11be-scrambler.pptx) Remaining Issues with new 11be Scrambler (Bin Tian)
  + [975r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0975-00-00be-discussion-on-11be-phy-capabilities.pptx) Discussion on 11be PHY Capabilities (Bin Tian)
  + 1064r0 Consideration on compressed mode in 11be (Dongguk Lim)
  + [1065r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1065-00-00be-2x-eht-ltf-sequence.pptx) 2x EHT-LTF sequence (Jinyoung Chun)
  + [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)
  + [1072r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1072-00-00be-2x-eht-ltf-sequences-design.pptx) 2x EHT-LTF sequence (Dandan Liang)
  + [1073r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-00-00be-4x-eht-ltf-sequences-design.pptx) 4x EHT-LTF sequence (Dandan Liang)
  + [1102r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1102-01-00be-zero-user-rus-for-per-80mhz-resource-unit-allocation-signaling.pptx) Zero User RUs for Per-80MHz Resource Unit Allocation Signaling (Jianhan Liu)
  + 737r0 Supported EHE-MCSs and spatial streams signaling (Yongho Seok)
* AoB:
* Adjourn

### 7th Conf. Call: July 27 (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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* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Towards TGbe D0.1 Draft – Status and Updates [~30 mins]
  + [997r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-04-00be-tgbe-spec-text-volunteers-and-status.docx) TGbe spec text volunteers and status (MAC rows)
* Technical Submissions: **ML Mgmt. [10 mins if SP only, 30 mins otherwise]**
  + [843r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0843-00-00be-mlo-bss-information-transmission-with-and-without-multiple-bssid.pptx) MLO BSS Info. TX with & without Multiple BSSID Support (Liwen Chu) [SPs]
  + [865r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0865-00-00be-ap-mld-beaconing-and-discovery.pptx) AP MLD Beaconing and Discovery (Jarkko Knekt)
  + [~~898r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0898-00-00be-mld-discovery-follow-up.pptx) ~~MLD discovery follow up (Young Hoon Kwon)\*~~
* Technical Submissions: **ML Constrained Ops [10 mins if SP only, 30 mins otherwise]**
  + [~~505r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0505-00-00be-sync-transmission-for-non-str-mld.pptx) ~~Sync transmission for non-STR MLD (Ming Gan)\*~~
  + ~~528r0 Non-STR Downlink and BA (Sharan Naribole)\*~~
  + [577r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0577-00-00be-rts-and-cts-procedure-in-synchronous-multi-link-operation.pptx) RTS and CTS Procedure in Synchronous Multi-link Op. (Yongho Seok)
  + [613r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0613-00-00be-ap-assisted-non-str-behavior.pptx) AP assisted Non-STR behavior (Ming Gan)

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* + [670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0670-00-00be-synchronous-multi-link-operation-follow-up.pptx) Synchronous Multi-link Operation Follow-up (Yongho Seok)
  + [671r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0671-00-00be-multi-link-triggered-uplink-access-follow-up.pptx) Multi-link Triggered Uplink Access Follow-up (Yongho Seok)
  + [672r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0672-00-00be-group-addressed-frame-transmission-in-constrained-multi-link-operation-follow-up.pptx) Group addr. frame TX in constrained multi-link op. follow-up (Yongho Seok)
  + [689r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0689-00-00be-single-sta-trigger.pptx) Single STA trigger (Young Hoon Kwon)
  + [~~739r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0739-00-00be-non-ap-mld-initiated-aggregation-opportunity-in-txop.pptx) ~~Non-AP MLD Initiated Aggr.: Opportunity in TXOP (Insun Jang)\*~~
  + [~~740r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0740-00-00be-non-ap-mld-initiated-aggregation-truncation-of-back-off-count.pptx) ~~Non-AP MLD Initiated Aggr.: Truncation of Back-off Count (Insun Jang)\*~~
  + [761r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0761-00-00be-multi-link-group-addressed-frame-delivery-for-non-str-mld.pptx) Multi Link Group Addr. Frame delivery for non-STR MLD (Jason Yuchen Guo)
  + ~~762r0 STA ID Indication for Constrained Multi-Link Operation (Yongho Seok)\*~~
  + [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)
  + [809r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0809-00-00be-str-capability-report.pptx) STR capability report (Pooya Monajemi)
  + [~~909r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0909-00-00be-enhanced-non-str-mld-operation.pptx) ~~Enhanced Non-STR MLD Operation (Jeongki Kim)\*~~
  + [921r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-00-00be-discussion-about-str-capabilities-indication.pptx) Discussion about STR capabilities indication (Yunbo Li)
  + [974r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-00-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx) Channel access of STR AP MLD with non-STR non-AP MLD (Liangxiao Xin)
  + [1009r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-01-00be-multi-link-hidden-terminal-followup.pptx) Blindness issue for non-STR operations-followup (Dibakar Das)
* AoB:
* Adjourn

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

### 8th Conf. Call: July 29 (10:00–13:00 ET)–MAC

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

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* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions**– Deferred SPs from Previous Topics [nominally 10 mins total]**
  + [834r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0834-06-00be-tentative-re-association-for-non-ap-mld.pptx) [1 SP]
* Technical Submissions: **ML Constrained Ops [10 mins if SP only, 30 mins otherwise]**
  + [~~505r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0505-00-00be-sync-transmission-for-non-str-mld.pptx) ~~Sync transmission for non-STR MLD (Ming Gan)\*~~
  + ~~528r0 Non-STR Downlink and BA (Sharan Naribole)\*~~
  + [670r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0670-00-00be-synchronous-multi-link-operation-follow-up.pptx) Synchronous Multi-link Operation Follow-up (Yongho Seok)
  + [671r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0671-00-00be-multi-link-triggered-uplink-access-follow-up.pptx) Multi-link Triggered Uplink Access Follow-up (Yongho Seok)
  + [689r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0689-01-00be-single-sta-trigger.pptx) Single STA trigger (Young Hoon Kwon)
  + [~~739r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0739-00-00be-non-ap-mld-initiated-aggregation-opportunity-in-txop.pptx) ~~Non-AP MLD Initiated Aggr.: Opportunity in TXOP (Insun Jang)\*~~
  + [~~740r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0740-00-00be-non-ap-mld-initiated-aggregation-truncation-of-back-off-count.pptx) ~~Non-AP MLD Initiated Aggr.: Truncation of Back-off Count (Insun Jang)\*~~
  + [672r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0672-00-00be-group-addressed-frame-transmission-in-constrained-multi-link-operation-follow-up.pptx) Group addr. frame TX in constrained multi-link op. follow-up (Yongho Seok)
  + [761r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0761-00-00be-multi-link-group-addressed-frame-delivery-for-non-str-mld.pptx) Multi Link Group Addr. Frame delivery for non-STR MLD (Jason Yuchen Guo)
  + [~~762r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0762-00-00be-sta-id-indication-for-constrained-multi-link-operation.pptx) ~~STA ID Indication for Constrained Multi-Link Operation (Yongho Seok)\*~~

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* + [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)
  + [809r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0809-00-00be-str-capability-report.pptx) STR capability report (Pooya Monajemi)
  + [909r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0909-00-00be-enhanced-non-str-mld-operation.pptx) Enhanced Non-STR MLD Operation (Jeongki Kim)
  + [921r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-00-00be-discussion-about-str-capabilities-indication.pptx) Discussion about STR capabilities indication (Yunbo Li)
  + [974r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-00-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx) Channel access of STR AP MLD with non-STR non-AP MLD (Liangxiao Xin)
  + [993r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-00-00be-sync-ml-operations-of-non-str-device.pptx) Sync ML operations for non-STR device (Dmitry Akhmetov)
  + [1009r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-01-00be-multi-link-hidden-terminal-followup.pptx) Blindness issue for non-STR operations-followup (Dibakar Das)
* AoB:
* Adjourn

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

### 9th Conf. Call: July 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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Dennis Sundman ([dennis.sundman@ericsson.com](mailto:dennis.sundman@ericsson.com)) and Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Motions (concentrated within the first 90 mins of the call):
  + [841r12](https://mentor.ieee.org/802.11/dcn/20/11-20-0841-12-00be-tgbe-motions-list-for-teleconferences.pptx)
* Towards TGbe D0.1 Draft – Status and Updates [~30 mins]
  + [997r8](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-08-00be-tgbe-spec-text-volunteers-and-status.docx) TGbe spec text volunteers and status
* Technical Submissions**-General**:
  + [674r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0674-01-00be-forward-compatible-ofdma.pptx) Forward compatible OFDMA (Xiaogang Chen) [SPs]
* Technical Submissions**-MAP General**:
  + [617r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0617-02-00be-multi-ap-operation-basic-definition.pptx) Multi-AP-Operation-Basic-Definition (Oren Kedem) [SPs]

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* + [596r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0596-00-00be-ap-candidate-set-follow-up.pptx) AP candidate set follow up (Cheng Chen) [SPs]
  + [1961r4](https://mentor.ieee.org/802.11/dcn/19/11-19-1961-04-00be-multi-ap-group-establishment.pptx) Multi-AP Group Establishment (Yonggang Fang) [4 SPs]
* Technical Submissions**-MAP MU MIMO**:
  + [548r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0548-01-00be-discussion-on-coordinated-ul-mu-mimo.pptx) Discussion On Coordinated UL MU-MIMO (Genadiy Tsodik) [SPs]
* Technical Submissions**-MAP SR**:
  + [576r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0576-01-00be-coordinated-spatial-reuse-protocol.pptx) Coordinated Spatial Reuse Protocol (Yongho Seok)
  + [590r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0590-00-00be-shared-txop-spatial-reuse-considerations.pptx) Shared TXOP Spatial Reuse Considerations (Jonghun Han)
* Technical Submissions**-MAP-Protection**:
  + [643r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0643-00-00be-mu-rts-in-multi-ap-operation.pptx) MU-RTS in Multi-AP Operation (Yunbo Li)
  + [644r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0644-00-00be-nav-setting-in-multi-ap-operation.pptx) NAV Setting in Multi-AP Operation (Yunbo Li)
  + [933r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0933-00-00be-hidden-node-protection-in-coordinated-ap-transmissions.pptx) Hidden Node Protection in Coord. AP TXs (Dennis Sundman)
* Technical Submissions**-MAP-Multi-RU**:
  + [~~950r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0950-00-00be-partial-bandwidth-feedback-for-multi-ru.pptx) ~~Partial Bandwidth Feedback for Multi-RU (Eunsung Jeon)~~
* AoB:
* Adjourn

### 10th Conf. Call: August 03 (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

* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
  + [965r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0965-03-00be-6ghz-lpi-range-extension.pptx) [3 SPs]
  + [1100r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1100-00-00be-discussions-on-eht-non-contigeous-ppdu.pptx) Discussions on EHT non-contigeous PPDU (Rui Cao)
  + [954r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0954-03-00be-240mhz-transmission.pptx) 240MHz transmission (Xiaogang Chen)

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* + [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)
  + [1035r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1035-00-00be-follow-up-on-feedback-enhancement.pptx) follow-up-feedback-enhancement (Ruchen Duan)
  + [1107r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1107-00-00be-remaining-issues-with-new-11be-scrambler.pptx) Remaining Issues with new 11be Scrambler (Bin Tian)
  + [975r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0975-00-00be-discussion-on-11be-phy-capabilities.pptx) Discussion on 11be PHY Capabilities (Bin Tian)
  + [~~1064r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1064-00-00be-consideration-on-compressed-mode-in-11be.pptx) ~~Consideration on compressed mode in 11be (Dongguk Lim)\*~~
  + [1065r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1065-00-00be-2x-eht-ltf-sequence.pptx) 2x EHT-LTF sequence (Jinyoung Chun)
  + [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)
  + [1072r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1072-00-00be-2x-eht-ltf-sequences-design.pptx) 2x EHT-LTF sequence (Dandan Liang)
  + [1073r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-00-00be-4x-eht-ltf-sequences-design.pptx) 4x EHT-LTF sequence (Dandan Liang)
  + [1102r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1102-01-00be-zero-user-rus-for-per-80mhz-resource-unit-allocation-signaling.pptx) Zero User RUs for Per-80MHz Resource Unit Allocation Signaling (Jianhan Liu)
  + ~~737r0 Supported EHE-MCSs and spatial streams signaling (Yongho Seok)\*~~
  + [~~1150r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1150-00-00be-preamble-puncture-discussion-in-eht-ppdu.pptx) ~~Preamble Puncture Discussion in EHT PPDU (Ross Jian Yu)\*~~
  + [1138r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1138-01-00be-large-m-ru-table.pptx) Large M-RU Table (Ron Porat)
  + Remaining SPs on M-RU: *TBD*
  + [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)
* AoB:
* Adjourn

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

### 10th Conf. Call: August 03 (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 Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-**Run SPs from Previous Topics [nominally 10 mins total]**
  + [899r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0899-00-00be-tim-follow-up.pptx) [1 SP], [688r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0688-00-00be-multi-link-individual-addressed-data-delivery-without-ba.pptx) [1 SP]
* Technical Submissions: **ML Constrained Ops [10 mins if SP only, 30 mins otherwise]**
  + [505r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0505-00-00be-sync-transmission-for-non-str-mld.pptx) Sync transmission for non-STR MLD (Ming Gan)
  + ~~528r0 Non-STR Downlink and BA (Sharan Naribole)\*~~
  + [739r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0739-00-00be-non-ap-mld-initiated-aggregation-opportunity-in-txop.pptx) Non-AP MLD Initiated Aggr.: Opportunity in TXOP (Insun Jang)
  + [740r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0740-00-00be-non-ap-mld-initiated-aggregation-truncation-of-back-off-count.pptx) Non-AP MLD Initiated Aggr.: Truncation of Back-off Count (Insun Jang)
  + [762r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0762-00-00be-sta-id-indication-for-constrained-multi-link-operation.pptx) STA ID Indication for Constrained Multi-Link Operation (Yongho Seok)
  + [~~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)~~
  + [809r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0809-00-00be-str-capability-report.pptx) STR capability report (Pooya Monajemi)
  + [909r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0909-00-00be-enhanced-non-str-mld-operation.pptx) Enhanced Non-STR MLD Operation (Jeongki Kim)

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* + [921r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-00-00be-discussion-about-str-capabilities-indication.pptx) Discussion about STR capabilities indication (Yunbo Li)
  + [974r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-00-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx) Channel access of STR AP MLD with non-STR non-AP MLD (Liangxiao Xin)
  + [993r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-00-00be-sync-ml-operations-of-non-str-device.pptx) Sync ML operations for non-STR device (Dmitry Akhmetov)
  + [1009r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-01-00be-multi-link-hidden-terminal-followup.pptx) Blindness issue for non-STR operations-followup (Dibakar Das)
* Technical Submissions: **ML Operation [10 mins if SP only, 30 mins otherwise]**
  + 328r0 MSDU Fragmentation and Aggregation in Multi-link Operation (Yongho Seok)
  + [523r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0523-00-00be-discussion-on-channels-for-multi-link-operation.pptx) Discussion on Channels for Multi-link Operation (Geonjung Ko)
  + 702r0 Fragmentation in MLO (Abhishek Patil)
  + [757r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0757-00-00be-ml-fragmentation.pptx) ML fragmentation (Po-Kai Huang)
  + [924r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0924-00-00be-all-tids-mapped-to-all-links.pptx) All tids mapped to all links (Yong Liu)
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1006r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1006-00-00be-new-methods-to-meet-low-latency-requirements.pptx) New Methods to Meet Low Latency Requirements (Jinjing Jiang)
  + 1028r0 Backup link for low latency communication (Qi Wang)

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

* AoB:
* Adjourn

### 11th Conf. Call: August 05 (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 Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-**Run SPs from Previous Topics [nominally 10 mins total]**
  + [865r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0865-02-00be-ap-mld-beaconing-and-discovery.pptx) [3 SPs], [427r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0427-03-00be-synchronous-multi-link-operation.pptx) [2 SPs]
* Technical Submissions: **ML Constrained Ops [10 mins if SP only, 30 mins otherwise]**
  + ~~528r0 Non-STR Downlink and BA (Sharan Naribole)\*~~
  + [921r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0921-00-00be-discussion-about-str-capabilities-indication.pptx) Discussion about STR capabilities indication (Yunbo Li)
  + [974r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0974-00-00be-channel-access-for-str-ap-mld-with-non-str-non-ap-mld.pptx) Channel access of STR AP MLD with non-STR non-AP MLD (Liangxiao Xin)
  + [993r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-00-00be-sync-ml-operations-of-non-str-device.pptx) Sync ML operations for non-STR device (Dmitry Akhmetov)
  + [1053r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1053-00-00be-synchronous-multi-link-transmission-of-non-str-mld.pptx) Synchronous Multi-link Transmission of Non-STR MLD (Yongho Seok)

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* + [1009r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-01-00be-multi-link-hidden-terminal-followup.pptx) Blindness issue for non-STR operations-followup (Dibakar Das)
* Technical Submissions: **ML Operation [10 mins if SP only, 30 mins otherwise]**
  + [~~328r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0328-00-00be-msdu-fragmentation-and-aggregation-in-multi-link-operation.pptx) ~~MSDU Fragmentation and Aggregation in Multi-link Operation (Yongho Seok)\*~~
  + [523r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0523-00-00be-discussion-on-channels-for-multi-link-operation.pptx) Discussion on Channels for Multi-link Operation (Geonjung Ko)
  + [~~702r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0702-00-00be-fragmentation-in-mlo.pptx) ~~Fragmentation in MLO (Abhishek Patil)\*~~
  + [[757r](https://mentor.ieee.org/802.11/dcn/20/11-20-0757-00-00be-ml-fragmentation.pptx)1](https://mentor.ieee.org/802.11/dcn/20/11-20-0757-01-00be-ml-fragmentation.pptx) ML fragmentation (Po-Kai Huang)
  + [924r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0924-00-00be-all-tids-mapped-to-all-links.pptx) All tids mapped to all links (Yong Liu)
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1006r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1006-00-00be-new-methods-to-meet-low-latency-requirements.pptx) New Methods to Meet Low Latency Requirements (Jinjing Jiang)
  + ~~1028r0 Backup link for low latency communication (Qi Wang)\*~~

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

* AoB:
* Adjourn

### 12th Conf. Call: August 06 (19:00–22:00 ET)–PHY

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Towards TGbe D0.1 Draft – Status and Updates [~10 mins] – [997r11](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-11-00be-tgbe-spec-text-volunteers-and-status.docx)
  + Reminder: Send updates (if any) to motions list for each topic/row
  + Check if there is any difficulties/need for guidance from POCs/TTTs in any topic
  + Complete any pending R1 vs R2 categorizations (none identified in PHY)
* Technical Submissions:
  + [965r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0965-04-00be-6ghz-lpi-range-extension.pptx) 6GHz LPI Range extension (Ron Porat) [SPs]
  + [985r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0985-01-00be-ru-allocation-subfield-design-in-eht-sig-follow-up.pptx) RU Alloc. Subfield Design in EHT-SIG Follow up (Myeongjin Kim) [4 SPs]
  + [1138r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1138-01-00be-large-m-ru-table.pptx) Large M-RU Table (Ron Porat)
  + [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)
  + [1035r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1035-00-00be-follow-up-on-feedback-enhancement.pptx) follow-up-feedback-enhancement (Ruchen Duan)

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* + [1107r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1107-00-00be-remaining-issues-with-new-11be-scrambler.pptx) Remaining Issues with new 11be Scrambler (Bin Tian)
  + [975r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0975-00-00be-discussion-on-11be-phy-capabilities.pptx) Discussion on 11be PHY Capabilities (Bin Tian)
  + [~~1064r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1064-00-00be-consideration-on-compressed-mode-in-11be.pptx) ~~Consideration on compressed mode in 11be (Dongguk Lim)\*~~
  + [1065r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1065-00-00be-2x-eht-ltf-sequence.pptx) 2x EHT-LTF sequence (Jinyoung Chun)
  + [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)
  + [1072r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1072-00-00be-2x-eht-ltf-sequences-design.pptx) 2x EHT-LTF sequence (Dandan Liang)
  + [1073r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-00-00be-4x-eht-ltf-sequences-design.pptx) 4x EHT-LTF sequence (Dandan Liang)
  + ~~737r0 Supported EHE-MCSs and spatial streams signaling (Yongho Seok)\*~~
  + [~~1150r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1150-00-00be-preamble-puncture-discussion-in-eht-ppdu.pptx) ~~Preamble Puncture Discussion in EHT PPDU (Ross Jian Yu)\*~~
  + Remaining SPs on M-RU: *TBD*
  + [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)
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask (Bin Tian)
  + [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)
  + [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)
  + [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)
* AoB:
* Adjourn

### 12th Conf. Call: August 06 (19:00–22:00 ET)–MAC

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Towards TGbe D0.1 Draft – Status and Updates [~10 mins] – [997r11](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-11-00be-tgbe-spec-text-volunteers-and-status.docx)
  + Reminder: Send updates (if any) to motions list for each topic/row
    - In particular: EHT BSS Operation, MLO-Multi-link block ack: sharing and extension of SN space.
  + Check if there is any difficulties/need for guidance from POCs/TTTs in any topic
  + Complete any pending R1 vs R2 categorizations (MAC rows in yellow)
* Technical Submissions-**Run SPs from Previous Topics [nominally 10 mins total]**
  + [411r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0411-04-00be-mlo-information-exchange-for-link-switching.pptx) [SP 1], [761r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0761-01-00be-multi-link-group-addressed-frame-delivery-for-non-str-mld.pptx) [SP 2], [586r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0586-05-00be-mlo-signaling-of-critical-updates.pptx) [SP 2]~~,~~[~~883r2~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0883-02-00be-multi-link-spatial-multiplexing.pptx)~~[SP 1],~~  [577r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0577-02-00be-rts-and-cts-procedure-in-synchronous-multi-link-operation.pptx) [SP 1]
* Technical Submissions: **ML Constrained Ops [10 mins if SP only, 30 mins otherwise]**
  + ~~528r0 Non-STR Downlink and BA (Sharan Naribole)\*~~
  + [1053r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1053-00-00be-synchronous-multi-link-transmission-of-non-str-mld.pptx) Synchronous Multi-link Transmission of Non-STR MLD (Yongho Seok) [Q&A]
  + [1009r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1009-01-00be-multi-link-hidden-terminal-followup.pptx) Blindness issue for non-STR operations-followup (Dibakar Das)
* Technical Submissions: **ML Operation [10 mins if SP only, 30 mins otherwise]**
  + [~~328r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0328-00-00be-msdu-fragmentation-and-aggregation-in-multi-link-operation.pptx) ~~MSDU Fragmentation and Aggregation in Multi-link Operation (Yongho Seok)\*~~
  + [523r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0523-00-00be-discussion-on-channels-for-multi-link-operation.pptx) Discussion on Channels for Multi-link Operation (Geonjung Ko)
  + [~~702r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0702-00-00be-fragmentation-in-mlo.pptx) ~~Fragmentation in MLO (Abhishek Patil)\*~~
  + [[757r](https://mentor.ieee.org/802.11/dcn/20/11-20-0757-00-00be-ml-fragmentation.pptx)1](https://mentor.ieee.org/802.11/dcn/20/11-20-0757-01-00be-ml-fragmentation.pptx) ML fragmentation (Po-Kai Huang)

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* + [924r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0924-00-00be-all-tids-mapped-to-all-links.pptx) All tids mapped to all links (Yong Liu)
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1006r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1006-00-00be-new-methods-to-meet-low-latency-requirements.pptx) New Methods to Meet Low Latency Requirements (Jinjing Jiang)
  + ~~1028r0 Backup link for low latency communication (Qi Wang)\*~~

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

* AoB:
* Adjourn

### 13th Conf. Call: August 17 (19:00–22:00 ET)–PHY

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
  + [1138r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1138-04-00be-large-m-ru-table.pptx) Large M-RU Table Ron Porat [SP]
  + [1107r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1107-00-00be-remaining-issues-with-new-11be-scrambler.pptx) Remaining Issues with new 11be Scrambler Bin Tian
  + [975r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0975-00-00be-discussion-on-11be-phy-capabilities.pptx) Discussion on 11be PHY Capabilities Bin Tian
  + [1064r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1064-00-00be-consideration-on-compressed-mode-in-11be.pptx) Consideration on compressed mode in 11be Dongguk Lim
  + [1065r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1065-01-00be-2x-eht-ltf-sequence.pptx) 2x EHT-LTF sequence Jinyoung Chun

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* + [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
  + [1072r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1072-00-00be-2x-eht-ltf-sequences-design.pptx) 2x EHT-LTF sequence Dandan Liang
  + [1073r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-00-00be-4x-eht-ltf-sequences-design.pptx) 4x EHT-LTF sequence Dandan Liang
  + [~~1216r1~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1216-01-00be-4x-320mhz-ltf-design.pptx) ~~4x LTF Design Ron Porat\*~~
  + ~~737r0 Supported EHE-MCSs and spatial streams signaling Yongho Seok\*~~
  + [1150r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1150-00-00be-preamble-puncture-discussion-in-eht-ppdu.pptx) Preamble Puncture Discussion in EHT PPDU Ross Jian Yu
  + Remaining SPs on M-RU: *TBD*
  + [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
  + [1159r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1159-00-00be-11be-spectral-mask.pptx) 11be spectral mask Bin Tian
  + [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
  + [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
  + [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\*~~
  + [~~1223r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1223-00-00be-subcarrier-grouping-for-eht.pptx) ~~Subcarrier Grouping for EHT Eunsung Jeon\*~~

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

* AoB:
* Adjourn

### 13th Conf. Call: August 17 (19:00–22:00 ET)–MAC

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-**Run SPs from Previous Topics [nominally 10 mins total]**
  + [615r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0615-02-00be-discovery-mechanism-for-mld.pptx) [4 SPs], [712r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-02-00be-bqr-for-320mhz.pptx) (3 SPs), [883r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0883-04-00be-multi-link-spatial-multiplexing.pptx) (1 SP), [993r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-03-00be-sync-ml-operations-of-non-str-device.pptx) (1 SP), [418r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0418-04-00be-low-latency-service-in-802-11be.pptx) (1 SP)
* Technical Submissions: **ML Operation [10 mins if SP only, 30 mins otherwise]**
  + [328r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0328-00-00be-msdu-fragmentation-and-aggregation-in-multi-link-operation.pptx) MSDU Fragmentation and Aggregation in Multi-link Op. Yongho Seok
  + [702r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0702-00-00be-fragmentation-in-mlo.pptx) Fragmentation in MLO Abhishek Patil
  + [924r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0924-00-00be-all-tids-mapped-to-all-links.pptx) All tids mapped to all links Yong Liu
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1006r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1006-00-00be-new-methods-to-meet-low-latency-requirements.pptx) New Methods to Meet Low Latency Requirements Jinjing Jiang

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* + [1028r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1028-00-00be-backup-link-for-low-latency-communication.pptx) Backup link for low latency communication Qi Wang
* Technical Submissions: **Backlogged Submissions-Remaining [30 mins otherwise]**
  + ~~749r0 Discussion on Link Management for Power Saving Namyeong Kim~~\*
  + [898r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0898-00-00be-mld-discovery-follow-up.pptx) MLD discovery follow up Young Hoon Kwon
  + [977r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0977-01-00be-mld-spatial-multiplexing-considerations.pptx) MLD Spatial Multiplexing Considerations Sharan Naribole
  + [992r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-00-00be-mlo-optional-mandatory.pptx) MLO mandatory/optional Laurent Cariou
* Technical Submissions: **ML-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + ~~914r0 Multi-TID ML BA Negotiation Abhishek Patil\*~~
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [972r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0972-00-00be-multi-link-operation-for-constrained-mld.pptx) Multi-link Operation for Constrained MLD Liuming Lu
  + [1045r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1045-00-00be-prioritized-edca-channel-access.pptx) Prioritized EDCA channel access Chunyu Hu
  + [1046r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-00-00be-prioritized-edca-channel-access-slot-management.pptx) Prioritized EDCA channel access: slot management Chunyu Hu\*
* Technical Submissions: **MAC-General [10 mins if SP only, 30 mins otherwise]**
  + [948r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0948-00-00be-priority-service-capability-information.pptx) Priority Service Capability Information Subir Das
* Technical Submissions: **ML-Mgmt [10 mins if SP only, 30 mins otherwise]**
  + ~~824r0 Management signaling in MLO Abhishek Patil\*~~
  + ~~1044r0 MLO: TID-to-link mapping negotiation Abhishek Patil\*~~
  + [1049r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1049-00-00be-mld-link-transition-management.pptx) MLD link transition management Payam Torab
* 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\*~~

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

* AoB:
* Adjourn

### 14th Conf. Call: August 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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-**Run SPs from Previous Topics [nominally 10 mins total]**
  + [615r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0615-03-00be-discovery-mechanism-for-mld.pptx) [3SPs], [~~418r4~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0418-04-00be-low-latency-service-in-802-11be.pptx) ~~(1 SP)~~, [883r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0883-05-00be-multi-link-spatial-multiplexing.pptx) (SP1), [328r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0328-01-00be-msdu-fragmentation-and-aggregation-in-multi-link-operation.pptx) (SP1-3), [993r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-05-00be-sync-ml-operations-of-non-str-device.pptx) (1SP), [712r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0712-03-00be-bqr-for-320mhz.pptx) (2SPs)
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [1028r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1028-00-00be-backup-link-for-low-latency-communication.pptx) Backup link for low latency communication Qi Wang
* Technical Submissions: **Backlogged Submissions-Remaining [30 mins otherwise]**
  + ~~749r0 Discussion on Link Management for Power Saving Namyeong Kim~~\*
  + [~~898r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0898-00-00be-mld-discovery-follow-up.pptx) ~~MLD discovery follow up Young Hoon Kwon~~
  + [977r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0977-02-00be-mld-spatial-multiplexing-considerations.pptx) MLD Spatial Multiplexing Considerations Sharan Naribole
  + [992r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0992-00-00be-mlo-optional-mandatory.pptx) MLO mandatory/optional Laurent Cariou

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* Technical Submissions: **ML-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [~~914r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0914-00-00be-multi-tid-ml-ba-negotiation.pptx) ~~Multi-TID ML BA Negotiation Abhishek Patil\*~~
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [972r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0972-00-00be-multi-link-operation-for-constrained-mld.pptx) Multi-link Operation for Constrained MLD Liuming Lu
  + [1045r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1045-00-00be-prioritized-edca-channel-access.pptx) Prioritized EDCA channel access Chunyu Hu
  + [1046r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-00-00be-prioritized-edca-channel-access-slot-management.pptx) Prioritized EDCA channel access: slot management Chunyu Hu\*
* Technical Submissions: **MAC-General [10 mins if SP only, 30 mins otherwise]**
  + [948r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0948-00-00be-priority-service-capability-information.pptx) Priority Service Capability Information Subir Das
* Technical Submissions: **ML-Mgmt [10 mins if SP only, 30 mins otherwise]**
  + [~~824r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0824-00-00be-management-signaling-in-mlo.pptx) ~~Management signaling in MLO Abhishek Patil\*~~
  + ~~1044r0 MLO: TID-to-link mapping negotiation Abhishek Patil\*~~
  + [1049r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1049-00-00be-mld-link-transition-management.pptx) MLD link transition management Payam Torab
* 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\*~~

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

* AoB:
* Adjourn

### 15th Conf. Call: August 20 (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):**
  + <https://mentor.ieee.org/802.11/dcn/20/11-20-0841-17-00be-tgbe-motions-list-for-teleconferences.pptx>
* **Towards TGbe D0.1 Draft–Status and Updates (Edward)**
  + Status: <https://mentor.ieee.org/802.11/dcn/20/11-20-0997-15-00be-tgbe-spec-text-volunteers-and-status.docx>
  + Tutorial: <https://mentor.ieee.org/802.11/dcn/20/11-20-1250-00-00be-a-guide-for-specification-drafting.ppt>
* Technical Submissions**-MAP General**:
  + [596r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0596-01-00be-ap-candidate-set-follow-up.pptx) AP candidate set follow up (Cheng Chen) [SPs]
  + [617r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0617-03-00be-multi-ap-operation-basic-definition.pptx) Multi-AP-Operation-Basic-Definition (Oren Kedem) [SPs]
  + [~~1961r4~~](https://mentor.ieee.org/802.11/dcn/19/11-19-1961-04-00be-multi-ap-group-establishment.pptx) ~~Multi-AP Group Establishment (Yonggang Fang) [4 SPs]~~
* Technical Submissions**-MAP MU MIMO**:
  + [548r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0548-02-00be-discussion-on-coordinated-ul-mu-mimo.pptx) Discussion On Coordinated UL MU-MIMO (Genadiy Tsodik) [SPs]
* Technical Submissions**-MAP SR**:
  + [576r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0576-01-00be-coordinated-spatial-reuse-protocol.pptx) Coordinated Spatial Reuse Protocol (Yongho Seok)

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* + [590r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0590-00-00be-shared-txop-spatial-reuse-considerations.pptx) Shared TXOP Spatial Reuse Considerations (Jonghun Han)
* Technical Submissions**-MAP-Protection**:
  + [643r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0643-00-00be-mu-rts-in-multi-ap-operation.pptx) MU-RTS in Multi-AP Operation (Yunbo Li)
  + [644r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0644-00-00be-nav-setting-in-multi-ap-operation.pptx) NAV Setting in Multi-AP Operation (Yunbo Li)
  + [933r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0933-00-00be-hidden-node-protection-in-coordinated-ap-transmissions.pptx) Hidden Node Protection in Coord. AP TXs (Dennis Sundman)
* Technical Submissions**-MAP-Multi-RU**:
  + [950r2](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)
* AoB:
* Adjourn

### 16th Conf. Call: August 24 (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 Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
  + [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
  + [1072r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1072-00-00be-2x-eht-ltf-sequences-design.pptx) 2x EHT-LTF sequence Dandan Liang
  + [1073r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1073-00-00be-4x-eht-ltf-sequences-design.pptx) 4x EHT-LTF sequence Dandan Liang
  + [1216r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1216-02-00be-4x-320mhz-ltf-design.pptx) 4x LTF Design Ron Porat
  + [1150r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1150-00-00be-preamble-puncture-discussion-in-eht-ppdu.pptx) Preamble Puncture Discussion in EHT PPDU Ross Jian Yu

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* + Remaining SPs on M-RU: *TBD*
  + [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
  + [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\*~~

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

* AoB:
* Adjourn

### 16th Conf. Call: August 24 (10:00–13:00 ET)–MAC

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-**Run SPs from Previous Topics [nominally 10 mins total]**
  + [~~418r4~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0418-04-00be-low-latency-service-in-802-11be.pptx) ~~[1 SP],~~ [411r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0411-04-00be-mlo-information-exchange-for-link-switching.pptx) [1 SP], [586r6](https://mentor.ieee.org/802.11/dcn/20/11-20-0586-06-00be-mlo-signaling-of-critical-updates.pptx) [SP 2], [669r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-01-00be-mld-transition.pptx) [2 SPs], [615r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0615-03-00be-discovery-mechanism-for-mld.pptx) [1 SP]
* Technical Submissions: **Backlogged Submissions-Remaining [30 mins otherwise]**
  + [898r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0898-02-00be-mld-discovery-follow-up.pptx) MLD discovery follow up Young Hoon Kwon
* Technical Submissions: **ML-Block Ack [10 mins if SP only, 30 mins otherwise]**
  + [914r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0914-00-00be-multi-tid-ml-ba-negotiation.pptx) Multi-TID ML BA Negotiation Abhishek Patil
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [972r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0972-00-00be-multi-link-operation-for-constrained-mld.pptx) Multi-link Operation for Constrained MLD Liuming Lu
  + [1045r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1045-02-00be-prioritized-edca-channel-access.pptx) Prioritized EDCA channel access Chunyu Hu
  + [~~1046r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-00-00be-prioritized-edca-channel-access-slot-management.pptx) ~~Prioritized EDCA channel access: slot management Chunyu Hu~~

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* Technical Submissions: **MAC-General [10 mins if SP only, 30 mins otherwise]**
  + [948r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0948-00-00be-priority-service-capability-information.pptx) Priority Service Capability Information Subir Das
* Technical Submissions: **ML-Mgmt [10 mins if SP only, 30 mins otherwise]**
  + [824r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0824-00-00be-management-signaling-in-mlo.pptx) Management signaling in MLO Abhishek Patil
  + ~~1044r0 MLO: TID-to-link mapping negotiation Abhishek Patil\*~~
  + [1049r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1049-00-00be-mld-link-transition-management.pptx) MLD link transition management Payam Torab
* 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\*~~

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

* AoB:
* Adjourn

### 17th Conf. Call: August 26 (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 Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1271r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-00-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx) ML Channel Access: PPDU Ending Time Alignment Yongho Seok
  + [1255r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-00-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx) ML Discovery: Procedures including probing and rnr Laurent Cariou
  + [1256r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-00-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx) TID-mapping: Link mgmt-default mode and enablement Laurent Cariou
* Technical Submissions-**Run SPs from Previous Topics [nominally 10 mins total]**
  + [1045r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1045-02-00be-prioritized-edca-channel-access.pptx) [Q&A+SP], [669r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-01-00be-mld-transition.pptx) [2 SPs], [427r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0427-04-00be-synchronous-multi-link-operation.pptx) [1 SP]
* Technical Submissions: **MAC-General [10 mins if SP only, 30 mins otherwise]**
  + [~~948r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0948-00-00be-priority-service-capability-information.pptx) ~~Priority Service Capability Information Subir Das~~
* Technical Submissions: **ML-Mgmt [10 mins if SP only, 30 mins otherwise]**
  + [824r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0824-00-00be-management-signaling-in-mlo.pptx) Management signaling in MLO Abhishek Patil

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* + [~~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\*~~
  + [1049r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1049-00-00be-mld-link-transition-management.pptx) MLD link transition management Payam Torab
* 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\*~~
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [163r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0163-00-00be-low-latency-enhancements.pptx) Low Latency Enhancements Duncan Ho
  + [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\*~~
* 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 ML Group Addressed Data Frame Delivery Follow up Po-Kai Huang\*~~
  + ~~1060r0 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]**
  + [363r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0363-02-00be-proposals-on-unused-bandwidth-utilizations.pptx) Proposals on unused bandwidth utilizations Sindhu Verma
  + [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 EHT BSS Follow Up: EHT (BSS) Op. Param. Update Liwen Chu\*~~
  + ~~1059r0 6GHz BSS Operation Liwen Chu\*~~
  + ~~1069r0 MU-RTS/CTS continuation Jarkko Kneckt\*~~

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

* AoB:
* Adjourn

### 18th Conf. Call: August 27 (19:00–22:00 ET)–PHY

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Deferred SPs**
  + [985r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0985-05-00be-ru-allocation-subfield-design-in-eht-sig-follow-up.pptx) [2 SPs]
* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1252r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1252-00-00be-pdt-phy-frequency-tolerance.docx) Frequency Tolerance Wook Bong Lee
  + [1253r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-03-00be-pdt-phy-modulation-accuracy.docx) Modulation Accuracy Wook Bong Lee
  + [1254r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-01-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx) Receive specification: General and receiver minimum input sensitivity and channel rejection Wook Bong Lee
  + [1153r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-01-00be-pdt-phy-timing-related-parameters.docx) Timing-Related parameters Bin Tian
  + [1293r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-01-00be-pdt-phy-scope-and-eht-phy-functions.docx) Scope and EHT PHY Functions Youhan Kim
  + [1295r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx) Overview of the PPDU encoding process Youhan Kim
  + [1294r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-02-00be-pdt-phy-eht-plme.docx) EHT PLME Youhan Kim
  + [1260r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-00-00be-pdt-mac-mlo-retransmissions.docx) EHT-STF Eunsung Park
  + [1276r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-00-00be-pdt-phy-eht-preamble-eht-sig.docx) EHT preamble EHT-SIG Ross Yu
  + [1314r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1314-00-00be-draft-text-for-wideband-and-noncontiguous-spectrum-utilization.docx) Wideband and noncontiguous spectrum utilization Yan Xin

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* + [1315r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1315-00-00be-draft-text-for-support-for-large-bandwidth.docx) Support for large bandwidth Yan Xin
  + [1316r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1316-00-00be-draft-text-for-subcarriers-and-resource-allocation-for-single-ru.docx) Subcarriers and resource allocation for single ru Yan Xin
* 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
  + [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

### 18th Conf. Call: August 27 (19:00–22:00 ET)–MAC

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1291r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-01-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx) Enhanced multi-link single-radio operation Minyoung Park
  + [1272r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-00-00be-pdt-mac-mlo-multiple-bssid-procedure.docx) MLO-Multiple-BSSID-Procedure Abhishek Patil
  + [1270r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-00-00be-pdt-mac-mlo-power-save-procedures.docx) MLO-Power-save-Procedures Abhishek Patil
  + [~~1274r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-00-00be-mac-pdt-mlo-ml-ie-structure.docx) ~~MLO-ML-IE-Structure Abhishek Patil~~
  + [~~1275r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-00-00be-mac-pdt-mlo-ba-procedure.docx) ~~MLO-BA-Procedure Abhishek Patil~~
  + [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx) MLO retransmissions Rojan Chitrakar
* Technical Submissions-**Run SPs from Previous Topics [nominally 10 mins total]**
  + [363r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0363-03-00be-proposals-on-unused-bandwidth-utilizations.pptx) [1 SP], [105r7](https://mentor.ieee.org/802.11/dcn/20/11-20-0105-07-00be-link-latency-statistics-of-multi-band-operations-in-eht.pptx) [1 SP], [661r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0661-03-00be-group-addressed-frames-delivery-for-mlo.pptx) [1 SP], [672r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0672-02-00be-group-addressed-frame-transmission-in-constrained-multi-link-operation-follow-up.pptx) [1 SP]
* Technical Submissions: **MAC-General [10 mins if SP only, 30 mins otherwise]**
  + [~~948r2~~](https://mentor.ieee.org/802.11/dcn/20/11-20-0948-02-00be-priority-service-capability-information.pptx) ~~Priority Service Capability Information Subir Das~~
* 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\*~~
  + [1049r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1049-00-00be-mld-link-transition-management.pptx) MLD link transition management Payam Torab
* 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\*~~
* Technical Submissions: **Low Latency [10 mins if SP only, 30 mins otherwise]**
  + [163r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0163-00-00be-low-latency-enhancements.pptx) Low Latency Enhancements Duncan Ho

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* + [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\*~~
* 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 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 Acrchitecture/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]**
  + [363r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0363-02-00be-proposals-on-unused-bandwidth-utilizations.pptx) Proposals on unused bandwidth utilizations Sindhu Verma
  + [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\*~~

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

* AoB:
* Adjourn

### 19th Conf. Call: August 31 (19:00–22:00 ET)–PHY

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

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* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [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
  + [1316r](https://mentor.ieee.org/802.11/dcn/20/11-20-1316-01-00be-draft-text-for-subcarriers-and-resource-allocation-for-single-ru.docx)1 Subcarriers and resource allocation for single ru Yan Xin
  + [1231r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1231-01-00be-pdt-phy-beamforming.docx) Beamforming Genadiy Tsodik
  + [1160r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-01-00be-pdt-phy-mu-mimo.docx) MU-MIMO Sameer Vermani
  + [1290r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1290-00-00be-pdt-phy-parameters-for-eht-mcss.docx) Parameters for EHT MCSs Yujun Noh
  + [1327r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1327-00-00be-pdt-eht-ppdu-format.docx) EHT PPDU Format Dongguk Lim
  + [1329r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1329-00-00be-pdt-eht-preamble-l-stf-l-ltf-l-sig-and-rl-sig.docx) EHT Preamble-L-STF, L-LTF, L-SIG, and RL-SIG Dongguk Lim
  + [1229r3](https://mentor.ieee.org/802.11/revise-document?t=7970200040%7F3) Channel-Numbering-and-Channelization Ruchen Duan
  + [1371r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-00-00be-pdt-phy-subcarriers-and-resource-allocation-for-wideband.docx) Subcarriers-and-resource-allocation-for-wideband Yan Xin
  + [1349r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1349-00-00be-pdt-constellation-mapping.docx) Constellation mapping Sigurd Schelstraete
* 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

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* + [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~~
  + ~~1331r0 EHT pre-FEC padding and packet extension Rui Cao\*~~
  + ~~1375r0 EHT NLTF Design Rui Cao\*~~
  + ~~1322r0 PHY Signaling Methodology for 11be Releases Rui Yang\*~~

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

* AoB:
* Adjourn

### 19th Conf. Call: August 31 (19:00–22:00 ET)–MAC

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1271r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-02-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx) MLO Multi-link-channel-access-end-ppdu-alignment Yongho Seok [SP]
  + [1255r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1255-02-00be-pdt-mac-mlo-discovery-discovery-procedures-including-probing-and-rnr.docx) MLO Discovery procedures (including probing) and RNR Laurent Cariou [SP]
  + [1256r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1256-02-00be-pdt-mac-mlo-tid-mapping-link-management-default-mode-and-enablement.docx) MLO TID-map-link mgmt.-default mode & enablement Laurent Cariou [SP]
  + [~~1274r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-00-00be-mac-pdt-mlo-ml-ie-structure.docx) ~~MLO ML IE Structure Abhishek Patil~~
  + [1270r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-01-00be-mac-pdt-mlo-ba-procedure.docx) MLO Power-save procedure Abhishek Patil
  + [1299r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-01-00be-pdt-mac-mlo-multi-link-channel-access-str.docx) MLO Multi link channel access str Insun Jang
  + [1300r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-01-00be-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
  + [1292r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-02-00be-pdt-mac-mlo-power-save-traffic-indication.docx) MLO Power save-traffic indication Minyoung Park
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [741r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0741-03-00be-indication-of-multi-link-information-follow-up.pptx) [3 SPs], [669r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-03-00be-mld-transition.pptx) [2 SPs], [834r9](https://mentor.ieee.org/802.11/dcn/20/11-20-0834-09-00be-tentative-re-association-for-non-ap-mld.pptx) [1 SP], [993r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-05-00be-sync-ml-operations-of-non-str-device.pptx) [1 SP]

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* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [~~1046r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-00-00be-prioritized-edca-channel-access-slot-management.pptx) ~~Prioritized EDCA channel access: slot management Chunyu Hu~~
* Technical Submissions: **MAC-General [10 mins if SP only, 30 mins otherwise]**
  + [948r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0948-01-00be-priority-service-capability-information.pptx) Priority Service Capability Information Subir Das
* 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\*~~
* 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\*~~
* 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]**
  + [363r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0363-02-00be-proposals-on-unused-bandwidth-utilizations.pptx) Proposals on unused bandwidth utilizations Sindhu Verma
  + [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\*~~

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

* AoB:
* Adjourn

### 20th Conf. Call: September 02 (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 Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1272r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1272-01-00be-pdt-mac-mlo-multiple-bssid-procedure.docx) MLO Multiple BSSID Procedure Abhishek Patil [SP]
  + [1275r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-03-00be-mac-pdt-mlo-ba-procedure.docx) MLO-BA-Procedure Abhishek Patil [SP]
  + [1291r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-08-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx) MLO Enhanced multi-link single-radio operation Minyoung Park [SP]
  + [1261r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1261-01-00be-pdt-mac-mlo-retransmissions.docx) MLO-Retransmissions Rojan Chitrakar
  + [~~1274r0~~](https://mentor.ieee.org/802.11/dcn/20/11-20-1274-00-00be-mac-pdt-mlo-ml-ie-structure.docx) ~~MLO ML IE Structure Abhishek Patil~~
* Technical Submissions: **Run SPs from Previous Topics [nominally 10 mins total]**
  + [993r5](https://mentor.ieee.org/802.11/dcn/20/11-20-0993-05-00be-sync-ml-operations-of-non-str-device.pptx) [1 SP], [669r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0669-04-00be-mld-transition.pptx) [2 SPs], [741r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0741-03-00be-indication-of-multi-link-information-follow-up.pptx) [2 SPs], [661r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0661-04-00be-group-addressed-frames-delivery-for-mlo.pptx) [1 SP]
* Technical Submissions: **ML-Med Access [10 mins if SP only, 30 mins otherwise]**
  + [1046r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1046-01-00be-prioritized-edca-channel-access-slot-management.pptx) Prioritized EDCA channel access: slot management Chunyu Hu
* Technical Submissions: **MAC-General [10 mins if SP only, 30 mins otherwise]**
  + [948r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0948-01-00be-priority-service-capability-information.pptx) Priority Service Capability Information Subir Das

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* + 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~~
  + 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\*~~
  + 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]**
  + [363r2](https://mentor.ieee.org/802.11/dcn/20/11-20-0363-02-00be-proposals-on-unused-bandwidth-utilizations.pptx) Proposals on unused bandwidth utilizations Sindhu Verma
  + [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\*~~
* *Note: Need to be uploaded to Mentor website 7 days prior to the conf call.*
* AoB:
* Adjourn

### 21st Conf. Call: September 03 (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:
  + [1269r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1269-01-00be-sep-nov-tgbe-teleconference-agendas.docx) Sep-Nov-tgbe-teleconference-agendas
* **Motions (concentrated within the first 90 mins of the call)**
  + [841r19](https://mentor.ieee.org/802.11/dcn/20/11-20-0841-19-00be-tgbe-motions-list-for-teleconferences.pptx) TGbe motions list for teleconferences
* Towards TGbe D0.1 Draft**–Status and Updates (Edward)**
  + [997r28](https://mentor.ieee.org/802.11/dcn/20/11-20-0997-28-00be-tgbe-spec-text-volunteers-and-status.docx) TGbe spec text volunteers and status
* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + None
* Technical Submissions**-MAP SR**
  + [590r4](https://mentor.ieee.org/802.11/dcn/20/11-20-0590-04-00be-shared-txop-spatial-reuse-considerations.pptx) Shared TXOP Spatial Reuse Considerations Jonghun Han
* Technical Submissions**-MAP-Protection**
  + [643r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0643-00-00be-mu-rts-in-multi-ap-operation.pptx) MU-RTS in Multi-AP Operation Yunbo Li
  + [644r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0644-00-00be-nav-setting-in-multi-ap-operation.pptx) NAV Setting in Multi-AP Operation Yunbo Li
  + [933r0](https://mentor.ieee.org/802.11/dcn/20/11-20-0933-00-00be-hidden-node-protection-in-coordinated-ap-transmissions.pptx) Hidden Node Protection in Coord. AP TXs Dennis Sundman

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* Technical Submissions**-Multi-RU**
  + [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
  + 1015r0 EHT NDPA Frame Design Discussion Chenchen Liu
* Technical Submissions**-General**
  + [674r3](https://mentor.ieee.org/802.11/dcn/20/11-20-0674-03-00be-forward-compatible-ofdma.pptx) Forward compatible OFDMA Xiaogang Chen [SPs]
  + [764r1](https://mentor.ieee.org/802.11/dcn/20/11-20-0764-01-00be-trigger-consideration.pptx) Trigger Consideration Liwen Chu
  + [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 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
  + [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
* 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
* AoB: None.
* Adjourn

### 22nd Conf. Call: September 09 (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 Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* PDT Status for R1 MAC features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
| Yanjun (1408)  ~~Subir (NS-EP)~~  Duncan (ML Sec.)  Liwen (M-BSSID Disc.)  Younghoon (EMLO) | 1359, 1353, 1281, 1309, 1336, 1395, 1320, 1274, 1332, 1333, 1409, 1434 | 1300, 1275, 1292, 1270, 1291, 1299, 1271. | [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). |

* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1291r12](https://mentor.ieee.org/802.11/dcn/20/11-20-1291-12-00be-pdt-mac-mlo-enhanced-multi-link-single-radio-operation.docx) MLO enhanced multi-link single-radio operation Minyoung Park [SP]
  + [1271r](https://mentor.ieee.org/802.11/dcn/20/11-20-1271-07-00be-pdt-mac-mlo-multi-link-channel-access-end-ppdu-alignment.docx)7 MLO-multi-link-channel-access-end-ppdu-alignment Yongho Seok [SP]
  + [1292r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1292-04-00be-pdt-mac-mlo-power-save-traffic-indication.docx) MLO Power Save Traffic Indication Minyoung Park [SP]
    - Re-schedule to run SP
  + [1275r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1275-04-00be-mac-pdt-mlo-ba-procedure.docx) MLO-BA-Procedure Abhishek Patil [SP]
  + [1300r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1300-02-00be-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]
    - Re-schedule to run SP
  + [1270r](https://mentor.ieee.org/802.11/dcn/20/11-20-1270-04-00be-pdt-mac-mlo-power-save-procedures.docx)4 MLO-Power-save-Procedures Abhishek Patil [SP]
  + [1299r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-04-00be-pdt-mac-mlo-multi-link-channel-access-str.docx) MLO-multi-link-channel-access-str Insun Jang [SP]
    - Re-schedule to run SP
  + [1359r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1359-00-00be-pdt-mac-eht-operation-element.docx) EHT Operation element Guogang Huang
  + [1353r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1353-00-00be-pdt-mac-eht-bss-operation.docx) EHT BSS operation Liwen Chu
  + [1281r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-00-00be-pdt-mac-txop-bandwidth-signaling.docx) TXOP-Bandwidth Signaling Kaiying Lu
  + [1309r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-00-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx) ML General, Authentication, Association, and Setup Po-Kai Huang

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* + [1336r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1336-00-00be-11be-spec-text-for-mlo-ba-share-and-extension-of-sn-space.docx) MLO BA: share and extension of SN space Liwen Chu
  + [1395r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1395-04-00be-pdt-mac-mlo-multi-link-channel-access-general-non-str.docx) Multi-Link-Channel-Access-General-Non-STR Matthew Fischer
  + [1320r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1320-02-00be-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
  + [1332r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1332-00-00be-pdt-mac-mlo-bss-parameter-update.docx) MLO BSS parameter update Ming Gan
  + [1333r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1333-00-00be-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
  + [1407r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-00-00be-pdt-mac-mlo-soft-ap-mld-operation.docx) Soft-AP-MLD-Operation Kaiying Lu
  + [1409r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1409-00-00be-pdt-mac-sta-id.docx) STA-ID Yongho Seok
* 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]
* 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
* 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\*~~
* 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\*~~

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

* AoB:
* Adjourn

### 23rd Conf. Call: September 10 (19:00–22:00 ET)–PHY

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Sigurd Schelstraete ([sschelstraete@quantenna.com](mailto:sschelstraete@quantenna.com)) and Tianyu Wu ([tianyu@apple.com](mailto:tianyu@apple.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* PDT Status for R1 PHY features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
| Bin (PHY intro)  Jianhan (Alloc. 4 M-RU)  Xiaogang (T-Block)  Sameer (U-SIG)  Dandan (EHT LTF)  Chenchen (Scrambler)  Jianhan (Seg. Parser)  Jianhan (Interleav. 4 RUs)  Sameer (EHT sound. NDP)  Xiaogang (T-mask & S-flat)  Bin (CCA sens)  Xiaogang (TX procedure)  Xiaogang (RX procedure) | 1338, 1337, 1319, 1339, 1351, 1403, 1404, 1340 | 1293, 1314, 1371, 1315, 1316, 1160, 1327, 1295, 1153, 1329, 1276, 1260, 1349, 1231, 1253, 1254, 1229, 1294, 1290 |  |

* Technical Submissions: **Proposed Draft Text (PDTs) [Discussions and SPs]**
  + [1253r5](https://mentor.ieee.org/802.11/dcn/20/11-20-1253-05-00be-pdt-phy-modulation-accuracy.docx) Modulation Accuracy Wook Bong Lee [SP]
  + [1254r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1254-04-00be-pdt-phy-receive-specification-general-and-receiver-minimum-input-sensitivity-and-channel-rejection.docx) General and RX min. input sensitivity & chan. rejection Wook Bong Lee [SP]
  + [1229r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1229-03-00be-pdt-phy-channel-numbering-and-channelization.docx) Channel-Numbering-and-Channelization Ruchen Duan [SP]
  + [1260r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1260-03-00be-pdt-phy-eht-stf.docx) EHT-STF Eunsung Park [SP]
  + [1160r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1160-04-00be-pdt-phy-mu-mimo.docx) MU-MIMO Sameer Vermani [SP]
  + [1231r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1231-03-00be-pdt-phy-beamforming.docx) PHY-Beamforming Genadiy Tsodik [SP]
  + [1294r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1294-02-00be-pdt-phy-eht-plme.docx) EHT PLME Youhan Kim [SP]
  + [1153r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1153-02-00be-pdt-phy-timing-related-parameters.docx) Timing Related Parameters Bin Tian [SP]
  + [1276r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1276-02-00be-pdt-phy-eht-preamble-eht-sig.docx) EHT-preamble-EHT-SIG Ross Jian Yu [SP]
  + [1293r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1293-01-00be-pdt-phy-scope-and-eht-phy-functions.docx) Scope and EHT PHY Functions Youhan Kim [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]
  + [1316r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1316-01-00be-draft-text-for-subcarriers-and-resource-allocation-for-single-ru.docx) Subcarriers and resource allocation for single RU Yan Xin [SP]
  + [1327r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1327-01-00be-pdt-eht-ppdu-format.docx) EHT-PPDU-Format Dongguk Lim [SP]
  + [1295r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1295-01-00be-pdt-phy-overview-of-the-ppdu-enconding-process.docx) Overview of the PPDU Enconding Process Youhan Kim [SP]
  + [1329r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1329-01-00be-pdt-eht-preamble-l-stf-l-ltf-l-sig-and-rl-sig.docx) EHT-Preamble-L-STF,L-LTF,L-SIG, and RL-SIG Dongguk Lim [SP]
  + [1290r](https://mentor.ieee.org/802.11/dcn/20/11-20-1290-02-00be-pdt-phy-parameters-for-eht-mcss.docx)2 Parameters-for-EHT-MCSs Yujin Noh [SP]
  + [1349r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1349-02-00be-pdt-constellation-mapping.docx) Constellation mapping Sigurd Schelstraete[SP]
  + [1314r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1314-00-00be-draft-text-for-wideband-and-noncontiguous-spectrum-utilization.docx) Wideband and noncontiguous spectrum utilization Yan Xin [SP]
  + [1371r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1371-00-00be-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
  + [1339r3](https://mentor.ieee.org/802.11/dcn/20/11-20-1339-02-00be-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
  + [1319r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1319-01-00be-pdt-phy-preamble-puncture.docx) Preamble-Puncture Oded Redlich
  + [1351r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1351-00-00be-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
* 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
  + [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

### 23rd Conf. Call: September 10 (19:00–22:00 ET)–MAC

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

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

* + **Patent, Participation and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim@lge.com](mailto:jeongki.kim@lge.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* PDT Status for R1 MAC features:

|  |  |  |  |
| --- | --- | --- | --- |
| **Not Uploaded** | **Uploaded** | **And Presented** | **And Passed StrawPoll** |
| Duncan (ML Sec.)  Liwen (M-BSSID Disc.)  Younghoon (EMLO) | 1359, 1353, 1281, 1309, 1336, 1395, 1320, 1274, 1332, 1333, 1409, 1407, 1434, 1408 | 1300, 1292, 1299, 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), |

* 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]
  + [1299r4](https://mentor.ieee.org/802.11/dcn/20/11-20-1299-04-00be-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]
  + [1309r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1309-01-00be-proposed-draft-specification-for-ml-general-mld-authentication-mld-association-and-ml-setup.docx) ML General, Authentication, Association, and Setup Po-Kai Huang – cont.
  + [1281r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1281-01-00be-pdt-mac-txop-bandwidth-signaling.docx) TXOP-Bandwidth Signaling Kaiying Lu
  + [1336r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1336-01-00be-11be-spec-text-for-mlo-ba-share-and-extension-of-sn-space.docx) MLO BA: share and extension of SN space Liwen Chu
  + [1395r6](https://mentor.ieee.org/802.11/dcn/20/11-20-1395-06-00be-pdt-mac-mlo-multi-link-channel-access-general-non-str.docx) Multi-Link-Channel-Access-General-Non-STR Matthew Fischer
  + [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
  + [1332r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1332-01-00be-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
  + [1407r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1407-01-00be-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
* 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]
* 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
* 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\*~~
* 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\*~~

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

* AoB:
* Adjourn

## TGbe Guidelines document

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

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## Patent And Procedures

### Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

* IEEE-SA Standards Board Bylaws

(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)

* IEEE-SA Standards Board Operations Manual (<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at <http://standards.ieee.org/about/sasb/patcom/materials.html>

**If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at** [**patcom@ieee.org**](mailto:patcom@ieee.org)

### Participation in IEEE 802 Meetings

All participation in IEEE 802 Working Group meetings is on an individual basis

* Participants in the IEEE standards development individual process shall act based on their qualifications and experience. ([https://standards.ieee.org/develop/policies/bylaws/sb\_bylaws.pdfsection 5.2.1](https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdfsection%205.2.1))
* IEEE 802 Working Group membership is by individual; “Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives”. (subclause 4.2.1 “Establishment”, of the IEEE 802 LMSC Working Group Policies and Procedures)
* Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant’s obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.
* Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see <https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf> section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 “Chair”, list item x.

By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: <http://www.ieee802.org/devdocs.shtml> and Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-03-00EC-ieee-802-participation-slide.ppt>)

### Other guidelines for IEEE WG meetings

* All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
  + Don’t discuss the interpretation, validity, or essentiality of patents/patent claims.
  + Don’t discuss specific license rates, terms, or conditions.
    - Relative costs of different technical approaches that include relative costs of patent licensing terms March be discussed in standards development meetings.
      * Technical considerations remain the primary focus
  + Don’t discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
  + Don’t discuss the status or substance of ongoing or threatened litigation.
  + Don’t be silent if inappropriate topics are discussed … do formally object.

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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>