IEEE P802.11
Wireless LANs

|  |
| --- |
| TGbe May to July 2021 teleconference agendas |
| Date: 2021-05-04 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Alfred Asterjadhi | Qualcomm Inc. | 5775 Morehouse Dr, San Diego, CA 92109 | +1-858-658-5302 | aasterja@qti.qualcomm.com |
| Liwen Chu | NXP |  |  | liwen.chu@nxp.com |
| Jeongki Kim | Self |  |  | jeongki.kim.ieee@gmail.com |
| Sigurd Schelstraete | MaxLinear |  |  | sschelstraete@maxlinear.com |
| Tianyu Wu | Apple |  |  | tianyu@apple.com |

Abstract

This document contains the draft agenda for May to July 2021 TGbe teleconferences.

Revisions:

* Rev 0: Initial version of the document.

|  |
| --- |
| **TG Chair:** Alfred Asterjadhi (Qualcomm Inc) |
| **1st Vice Chair:** Laurent Cariou (Intel) | **2nd Vice Chair:** Matthew Fischer (Broadcom) |
| **Secretary:** Dennis Sundman (Ericsson) | **Technical Editor:** Edward Au (Huawei) |
| **PHY Ad-Hoc Chair:**Sigurd Schelstraete (MaxLinear)**PHY Ad-Hoc Chair:**Tianyu Wu (Apple) | **MAC Ad-Hoc Chair:**Jeongki Kim (Self)**MAC Ad-Hoc Chair:**Liwen Chu (NXP) |

## TGbe uses WebEx for its Telecons:

* Please identify yourself when Joining, by filling in your name and affiliation:
	+ Also please precede your name and affiliation with your voting status:
		- (V=Voter, N= Non-Voter, P=Potential Voter, A=Aspirant Voter)
	+ Format for overall participant’s detail: “[V] John Doe (Affiliation)”

## Teleconferences Overview

TGbe will hold **18** teleconferences up to July 8th:

## Teleconferences Plan for May to July

* **May 10 Monday – MAC/PHY 19:00-21:00 ET\***
* **May 12 Wednesday – Joint 09:00-11:00 ET\***
* **May 13 Thursday – MAC/PHY 09:00-11:00 ET\***
* **May 17 Monday – Joint 09:00-11:00 ET\***
* **May 19 Wednesday – MAC/PHY 10:00-12:00 ET**
* **May 20 Thursday – MAC/PHY 10:00-12:00 ET**
* **May 24 Monday – MAC/PHY 19:00-21:00 ET**
* **May 26 Wednesday – Joint 10:00-12:00 ET**
* **May 27 Thursday – MAC/PHY 10:00-12:00 ET**
* **May 31 Monday – No Conf Call Holiday**
* **June 02 Wednesday – Joint 10:00-12:00 ET**
* **June 03 Thursday – MAC/PHY 10:00-12:00 ET**
* **June 07 Monday – MAC/PHY 19:00-21:00 ET**
* **June 09 Wednesday – Joint (Motions) 10:00-12:00 ET**
* **June 10 Thursday – MAC/PHY 10:00-12:00 ET**
* **June 14 Monday – No Conf Call Holiday**
* **June 16 Wednesday – No Conf Call Holiday**
* **June 17 Thursday – MAC/PHY 10:00-12:00 ET**
* **June 21 Monday – MAC/PHY 19:00-21:00 ET**
* **June 23 Wednesday – Joint 10:00-12:00 ET**
* **June 24 Thursday – MAC/PHY 10:00-12:00 ET**
* **June 28 Monday – MAC/PHY 19:00-21:00 ET**
* **June 30 Wednesday – Joint (Motions) 10:00-12:00 ET**
* **July 01 Thursday – No Conf Call Holiday**
* **July 05 Monday – No Conf Call Holiday**
* **July 07 Wednesday – Joint 10:00-12:00 ET**
* **July 08 Thursday – MAC/PHY 10:00-12:00 ET**

**\*Telcos during electronic interim week**

**We’ll use the following bridges:**

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

## Technical Presentations’ List

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [1247r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1247-01-00be-virtual-bss-for-multi-ap-coordination.pptx) | Virtual bss for multi ap coodination | Jay Yang | Pending (R2) | MAP-General  | Joint |
| [1399r1](https://mentor.ieee.org/802.11/dcn/20/11-20-1399-01-00be-on-joint-c-sr-and-c-ofdma-m-ap-transmission.pptx) | On Joint C-SR and C-OFDMA M-AP TX | Rui Yang | Pending (R2) | MAP-General  | Joint |
| [1672r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1672-02-00be-ul-beamforming-for-tb-ppdus.pptx) | UL Beamforming for TB PPDUs | Shimi Shilo | Pending (R2) | General | Joint |
| [326r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0326-00-00be-release-indication-in-capabilities-for-r2-devices.pptx) | Release Indication In Capabilities for R2 Devices  | Ruchen Duan | Deferred | General | Joint |
| [409r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0409-00-00be-preferred-link-pair.pptx) | Preferred Link Pair | Wook Bong Lee | SP April 28 | MLO-General | Joint |
| [445r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0445-00-00be-information-sharing-and-exchange-for-multi-ap-coordination.pptx) | Information Sharing and Exchange for Multi-AP Coordination | Muhammad Sohaib J. Solaija | Pending (R2) | MAP-General  | Joint |
| [485r2](https://mentor.ieee.org/802.11/dcn/21/11-21-0485-02-00be-clarifications-on-the-trigger-frame-design.pptx) | Clarifications on the trigger frame design | Xiaogang Chen | SP April 28 | Trigger | Joint |
| [601r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0601-00-00be-discussion-on-spatial-reuse-issues.pptx) | Discussion on Spatial Reuse Issues | Zinan Lin | Pending | Spatial Reuse | Joint |
| [400r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0400-00-00be-enhanced-uora.pptx) | Enhanced UORA | Yanyi Ding | Pending | Trigger | Joint |
| [1903r0](https://mentor.ieee.org/802.11/dcn/20/11-20-1903-00-00be-random-access-for-11be.pptx) | Random Access for 11be | Pascal Viger | Pending | Trigger | Joint |
| [673r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0673-00-00be-psr-based-sr-discussion-follow-up.pptx) | PSR-based SR Discussion Follow-up | Ross Jian Yu | Pending | Spatial Reuse | Joint |
| [706r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0706-00-00be-tgbe-coexistence-assurance-document.docx) | TGbe Coexistence Assurance Document | Sigurd Schelstraete | Pending SP | CAD | Joint |
|  |
| End of Joint Queue |
| 1929r0 | Protection of QoS periods | Gaurav Patwardhan | Pending | MAC-Protection | MAC |
| [0141r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0141-00-00be-mlo-flexible-up-to-tid-mapping.pptx) | Flexible UP to TID mapping | Duncan Ho | Pending | MAC-General | MAC |
| 0210r0 | GCR-BA frame delivery | Jay Yang | Pending | MAC-General | MAC |
| [395r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0395-00-00be-tspec-request.pptx) | TSPEC Request | Rubayet Shafin | Pending | Low Latency | MAC |
| [394r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0394-00-00be-broadcast-twt-for-mlds.pptx) | Broadcast TWT for MLDs | Rubayet Shafin | Pending | ML-Operation | MAC |
| [361r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0361-00-00be-ap-assisted-multi-link-synchronous-transmission.pptx) | AP Assisted Multi-link Synchronous Transmission | Liuming Lu | Pending | ML-Operation | MAC |
| End of MAC Queue |
| [618r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0618-00-00be-evm-and-sfo-sto.pptx) | EVM and SFO/STO | Brian Hart | Pending | General | PHY |
| End of PHY Queue |

## Proposed Draft Text and Comment Resolution List

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Type (# TBDs)** | **Session** |
| [299r6](https://mentor.ieee.org/802.11/dcn/21/11-21-0299-03-00be-crs-for-d0-3-eht-sta-features-cids.docx) | CRs for D0.3 EHT STA features CIDs | Rojan Chitrakar | Pending SP | CR [7 CIDs]  | Joint |
| [455r3](https://mentor.ieee.org/802.11/dcn/21/11-21-0455-03-00be-cr-for-35-2-1-2-preamble-puncturing.docx) | CR for 35.2.1.2 preamble puncturing | Yanjun Sun | Pending | CR (8 CIDs) | Joint |
| [663r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0663-01-00be-cr-for-eht-trs.docx) | CR for EHT TRS | Jason Yuchen Guo | Pending SP | CR (4 CIDs/10TBDs) | Joint |
| [572r6](https://mentor.ieee.org/802.11/dcn/21/11-21-0572-06-00be-remaining-tbds-in-tgbe-d0-4.docx) | Remaining TBDs in TGbe D0.4 | Alfred Asterjadhi | Maintenance State | Status-TBDs | Joint |
| End of Joint Queue |
| [0080r6](https://mentor.ieee.org/802.11/dcn/21/11-21-0080-06-00be-twt-for-mld.docx) | pdt-mlo-TWT-for-MLD | Ming Gan | Presented | PDT | MAC |
| [1965r2](https://mentor.ieee.org/802.11/dcn/20/11-20-1965-02-00be-pdt-mac-mlo-mandatory-optional.docx) | PDT-MAC-MLO-mandatory-optional | Laurent Cariou | Presented | PDT | MAC. |
| [160r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0160-01-00be-pdt-mac-mlo-emlsr-tbds.docx) | MLO-eMLSR-TBDs | Duncan Ho | No majority support | PDT (2 TBD)CR (3 CIDs) | MAC. |
| [335r4](https://mentor.ieee.org/802.11/dcn/21/11-21-0335-04-00be-pdt-mac-mlo-emlmr-tbds.docx) | PDT MAC MLO EMLMR TBDs | Young H. Kwon | Pending SP | PDT (4 TBDs) | MAC |
| [268r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0268-00-00be-pdt-channel-access-triggered-su.docx) | PDT channel access Triggered SU | Dibakar Das | Pending SP | PDT. | MAC |
| [*267r3*](https://mentor.ieee.org/802.11/dcn/21/11-21-0267-03-00be-pdt-mlo-short-frame-in-blindness-issue.docx) | *pdt-mlo-short-frame-in-blindness-issue* | *Jason Yuchen Guo* | *Q4M* | *PDT* | *MAC* |
| [571r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0571-00-00be-pdt-mld-security-for-individual-management-frame.docx) | PDT MLD security for Individual Management Frame | Guogang Huang | Presented | PDT | MAC |
| [555r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0555-00-00be-mac-pdt-nsep-tbds.docx) | MAC-PDT-NSEP-TBDs | Subir Das | Presented | PDT | MAC |
| [696r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0696-00-00be-pdt-mac-spec-text-for-motion-150-sp-372.docx) | PDT-MAC-spec-text-for-motion-150\_SP-372 | Abhishek Patil | Pending | PDT | MAC |
| [757r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0757-00-00be-pdt-nstr-capability-update.docx) | PDT NSTR capability update | Yunbo Li | Pending | PDT | MAC |
|  |
| [311r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0311-01-00be-cr-for-9-2-4-6-ht-control-field.docx) | cr-for-9-2-4-6 HT Control field | Jinyoung Chun | Presented | CR (1 CID) | MAC. |
| [340r3](https://mentor.ieee.org/802.11/dcn/21/11-21-0340-03-00be-cr-for-cid-1977.docx) | CR for CID 1977 | Dibakar Das | Pending SP | CR (1 CID) | MAC |
| [222r10](https://mentor.ieee.org/802.11/dcn/21/11-21-0222-10-00be-pdt-mac-common-info-ml-element.docx) | CR-MAC-Common Info-ML element | Dibakar Das | Pending SP | CR (3 CIDs) | MAC |
| [410r](https://mentor.ieee.org/802.11/dcn/21/11-21-0410-02-00be-proposed-resolution-to-11be-cc34-cids-on-group-addressed-data-frames-duplicate-detection.docx)2 | Proposed reso. to 11be cc34 CIDs on group addressed data frames duplicate detection | Qi Wang | No majority support | CR (4 CIDs) | MAC |
| [411r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0411-01-00be-proposed-resolution-to-11be-cc34-cids-on-gtk-for-mlo.docx) | Proposed resolution to 11be cc34 CIDs on GTK for MLO | Qi Wang | Presented | CR (9 CIDs) | MAC |
| [283r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0283-00-00be-cc34-cr-emlsr-part1.docx) | CC34-CR-EMLSR-part1 | Minyoung Park | Presented | CR (7 CIDs) | MAC |
| [399r2](https://mentor.ieee.org/802.11/dcn/21/11-21-0399-02-00be-cr-for-critical-update.docx) | CR for Critical Update | Jeongki Kim | No majority support | CR. (5 CIDs) | MAC |
| [514r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0514-00-00be-proposed-cr-for-clause-35-3-13-6-sync-ppdu-start-time.docx) | Proposed CR for Clause 35.3.13.6. Sync PPDU start time | Dmitry Akhmetov | Pending | CR (30 CIDs) | MAC |
| [481r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0481-01-00be-resolutions-for-cc34-cids-for-channel-switching-quieting.docx) | Resolutions for CC34 CIDs for channel switching quieting | Laurent Cariou | Pending SP | CR (24 CIDs) | MAC |
| [240r3](https://mentor.ieee.org/802.11/dcn/21/11-21-0240-03-00be-cc34-resolution-for-cids-related-to-tdls-handling.docx) | CC34 resolution for CIDs related to TDLS handling | Abhishek Patil | Pending | CR (2 CIDs) | MAC |
| [255r3](https://mentor.ieee.org/802.11/dcn/21/11-21-0255-03-00be-cc34-resolution-for-cids-related-to-mbssid.docx) | CC34 resolution for CIDs related to MBSSID | Abhishek Patil | Pending | CR (6 CIDs) | MAC |
| [498r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0498-00-00be-cr-for-cids-related-to-str-operation.docx) | CR for CIDs related to STR Operation | Insun Jang | Pending | CR (14 CIDs) | MAC |
| [390r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0390-01-00be-cr-for-35-3-5.docx) | CR for 35.3.5 | Po-Kai Huang | Pending | CR (27 CIDs) | MAC |
| [480r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0480-00-00be-resolutions-for-cc34-cids-for-more-data-usage.docx) | Resolutions for CC34 CIDs for More Data usage | Laurent Cariou | Pending | CR (07 CIDs) | MAC |
| [499r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0499-00-00be-cr-for-cids-related-to-ml-ie-usage-for-multi-link-setup.docx) | CR for CIDs related to ML IE Usage for Multi-link Setup | Insun Jang | Pending | CR (20 CIDs) | MAC |
| [526r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0526-00-00be-resolution-for-cid-2469.docx) | Resolution for CID 2469 | Gaurang Naik | Pending | CR (1 CIDs) | MAC |
| [557r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0557-00-00be-cc34-resolution-for-cids-related-to-emlmr-part-1.docx) | Res. for CIDs related to EMLMR – Part 1 | Young H. Kwon | Pending | CR (11 CIDs) | MAC |
| [493r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0493-00-00be-cr-for-cid-2849.docx) | CR for CID 2849 | Yiqing Li | Pending | CR (1 CID) | MAC |
| [386r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0386-01-00be-cc34-resolution-for-cid-1038.docx) | CC34 resolution for CID 1038 | Abhishek Patil | Pending | CR (1 CID) | MAC |
| [538r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0538-00-00be-cr-for-35-4-1-dl-mu-operation.docx) | CR for 35.4.1 DL MU operation | Jason Y. Guo | Pending | CR (1 CID) | MAC |
| [544r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0544-00-00be-cr-for-cids-1809-and-2368.docx) | CR for CIDs 1809 and 2368 | Jason Y. Guo | Pending | CR (2 CID) | MAC |
| [510r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0510-00-00be-cr-for-clauses-3-1-and-4-5-11a-on-nsep.docx) | CR for Clauses 3.1 and 4.5.11a on NSEP | Subir Das | Pending | CR (12 CIDs) | MAC |
| [423r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0423-00-00be-cr-for-11-3-part-i.docx) | CR for 11.3 part I | Po-Kai Huang | Pending | CR (9 CIDs) | MAC |
| [558r9](https://mentor.ieee.org/802.11/dcn/21/11-21-0558-09-00be-cr-35-3-13-3-nstr-operation.docx) | CR 35.3.13.3 NSTR operation | Matthew Fischer | No majority support | CR (23 CIDs/2TBD) | MAC |
| [530r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0530-01-00be-cr-nstr-link-pair-definition.docx) | CR-NSTR-link-pair-definition | Matthew Fischer | Pending | CR (6 CIDs) | MAC |
| [573r2](https://mentor.ieee.org/802.11/dcn/21/11-21-0573-02-00be-cr-for-cids-related-to-eht-operation-element.docx) | CR for CIDs related to EHT Operation element | Guogang Huang | Pending SP/Joint | CR (8 CIDs/3 TBDs) | MAC |
| [500r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0500-00-00be-cr-for-35-3-2-3.docx) | CR for 35.3.2.3 | Namyeong Kim | Pending | CR (1 CIDs) | MAC |
| [501r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0501-00-00be-cr-for-35-3-8.docx) | CR for 35.3.8 | Namyeong Kim | Pending | CR (1 CIDs) | MAC |
| [577r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0577-00-00be-cr-mld-architecture.docx) | CR-MLD-architecture | Duncan Ho | Pending | CR (6 CIDs) | MAC |
| [537r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0537-00-00be-cr-ssid-settings.docx) | CR-SSID-settings | Duncan Ho | Pending | CR (5 CIDs) | MAC |
| 619r0 | CR TSPEC | Duncan Ho | Pending | CR (?? CIDs) | MAC |
| [434r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0434-00-00be-cr-for-11-3-4.docx) | CR for 11.3.4 | Po-Kai Huang | Pending | CR (13 CIDs) | MAC |
| [622r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0622-00-00be-tbd-and-cr-for-critical-update-for-non-ap-sta.docx) | TBD and CR for critical update for non-AP STA | Ming Gan | Pending | CR (3 CIDs) | MAC |
| [467r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0467-00-00be-cr-for-35-3-4-3-multi-link-element-usage.docx) | CR for 35.3.4.3 Multi-link element usage | Ming Gan | Pending | CR (8 CIDs) | MAC |
| [300r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0300-00-00be-crs-for-d0-3-group-key-handshake-cids.docx) | CRs for D0.3 Group key handshake CIDs | Rojan Chitrakar | Pending | CR (3 CIDs) | MAC |
| [301r5](https://mentor.ieee.org/802.11/dcn/21/11-21-0301-05-00be-crs-for-d0-3-ml-element-type-cids.docx) | CRs for D0.3 ML element Type CIDs | Rojan Chitrakar | Q4M(2 TBDs missing) | CR (6 CIDs/8 TBDs) | MAC |
| [552r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0552-00-00be-cr-txop-return-for-triggered-su.docx) | CR TXOP Return for Triggered SU | Yunbo Li | Presented | CR (1 CID) | MAC |
| [672r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0672-00-00be-cr-for-restricted-twt-sp.docx) | CR for Restricted TWT SP | Sunhee Baek | Pending | CR (1 CID) | MAC |
| [671r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0671-00-00be-cr-10-3-2-9-cts-procedure-nstr-limited.docx) | CR-10-3-2-9-CTS-procedure-NSTR-limited | Matthew Fischer | Pending | CR (26 CIDs) | MAC |
| [633r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0633-00-00be-cr-for-capability-information-field-related-cids.docx) | CR for Capability Information field Related CIDs | Yiqing Li | Pending | CR (6 CIDs) | MAC |
| [594r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0594-00-00be-cr-for-cids-related-to-sta-mac-address-of-non-ap-mld.docx) | CR for CIDs Related to STA MAC Address of Non-AP MLD | Guogang Huang | Pending | CR (2 CIDs) | MAC |
| [534r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0534-00-00be-cr-ml-reconfiguration.docx) | CR ML Reconfiguration | Payam Torab | Pending | CR (5 CIDs) | MAC |
| [650r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0650-01-00be-cc34-resolution-for-cids-related-to-mlo-discovery.docx) | CC34 resolution for CIDs related to MLO Discovery | Abhishek Patil | Pending | CR (2 CIDs) | MAC |
| [569r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0569-00-00be-cr-for-cid-3017.docx) | CR for CID 3017 | Xiaofei WANG | Pending | CR (1 CIDs) | MAC |
| 285r0 | CC34 resolution for CIDs related to MLO BA Procedure | Abhishek Patil | Pending | CR (?? CIDs) | MAC |
| [435r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0435-00-00be-cr-for-11-3-5.docx) | CR for 11.3.5 | Po-Kai Huang | Pending | CR (20 CIDs) | MAC |
| [700r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0700-00-00be-cr-for-4-5-3.docx) | CR for 4.5.3 | Po-Kai Huang | Pending | CR (19 CIDs) | MAC |
| [462r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0462-00-00be-pdt-mac-restricted-twt-tbds-crs-part1.docx) | PDT-MAC-Restricted-TWT-TBDs-CRs-Part1 | Chunyu Hu | No majority support | CR (1 CID/1TBD) | MAC |
| [683r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0683-00-00be-restricted-twt-quiet-interval-tbd-cr.docx) | Restricted-TWT-Quiet-Interval-TBD-CR | Payam Torab | No majority support | CR (1 CID/1TBD) | MAC |
| [612r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0612-00-00be-cc34-cr-tim-indication.docx) | CC34 CR TIM Indication | Minyoung Park | Pending SP | CR (12 CID/1TBD) | MAC |
| [740r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0740-00-00be-tbd-and-cr-for-group-addressed-frames.docx) | TBD and CR for group addressed frames | Ming Gan | Pending | CR (2 CIDs) | MAC |
| [741r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0741-00-00be-cr-for-cid-2162-and-2163.docx) | CR for CID 2162 and 2163 | Ming Gan | Pending | CR (2 CIDs) | MAC |
| [523r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0523-00-00be-cr-for-35-3-5-4-multi-link-setup-ie-usage.docx) | CR for 35.3.5.4 Multi-link Setup - IE usage | Jason Yuchen Guo | Pending | CR (4 CIDs) | MAC |
| [662r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0662-00-00be-cr-for-35-4-2-ul-mu-operation.docx) | CR for 35.4.2 UL MU operation | Jason Yuchen Guo | Pending | CR (1 CID) | MAC |
| [759r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0759-00-00be-proposed-resolution-to-clause-35-editorial-comments-part-1.docx) | Proposed resolution to Clause 35 editorial comments - Part 1 | Edward Au | Pending | CR-ED (31 CIDs) | MAC |
| [775r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0775-00-00be-proposed-resolution-to-clause-35-editorial-comments-part-2.docx) | Proposed resolution to Clause 35 editorial comments - Part 1 | Edward Au | Pending | CR-ED (41 CIDs) | MAC |
| [774r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0774-00-00be-cc34-resolution-for-cids-related-to-emlmr-part-2.docx) | cc34 resolution for CIDs related to EMLMR - Part 2 | Young Hoon Kwon | Pending | CR (8 CIDs) | MAC |
| [741r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0741-01-00be-cr-for-cid-2162-and-2163.docx) | CR for CID 2162 and 2163 | Ming Gan | Pending | CR (2 CID/2TBD) | MAC |
| End of MAC Queue |
| [213r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0213-00-00be-pdt-update-phy-beamforming.docx) | PDT-Update-PHY-Beamforming | Genadiy Tsodik | Deferred | PDT | PHY. |
| [680r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0680-00-00be-text-change-for-usage-of-1x-eht-ltf.docx) | Text change for usage of 1x EHT-LTF | Jianhan Liu | Presented | PDT | PHY |
| [680r2](https://mentor.ieee.org/802.11/dcn/21/11-21-0680-02-00be-text-change-for-usage-of-1x-eht-ltf.docx) | Text change for usage of 1x EHT-LTF | Jianhan Liu | Pending | PDT | PHY |
| [755r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0755-00-00be-pdt-clarification-extra-ltf-phy-capability.docx) | PDT Clarification Extra LTF PHY Capability | Steve Shellhammer | Pending | PDT | PHY |
| [763r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0763-00-00be-smaller-operating-bandwidth-sta-participating-large-bandwidth.docx) | Smaller Operating BW STA Participating Large BW | Wook Bong Lee | Pending | PDT | PHY |
| [778r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0778-00-00be-proposed-changes-for-puncturing.docx) | Proposed Changes for Puncturing | Ron Porat | Pending | PDT | PHY |
|  |
| [754r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0754-00-00be-cr-for-cids-1244-1254.docx) | CR for CIDs 1244 1254 | Yan Xin | Partially Presented | CR (2 CIDs) | PHY |
| [748r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0748-00-00be-cr-for-cid-1249-1250-1962-3275.doc) | CR for CID 1249, 1250, 1962, 3275 | Myeongjin Kim | Pending | CR (4 CIDs) | PHY |
| End of PHY Queue |
| R4M: Ready for Motion; Q4M: Queued for Motion (present in motion list); *Approved*: Included in the TGbe Draft. |

## Location and Number of TBDs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **D0.1** | **D0.2** | **D0.3** | **D0.4** | **D1.0** |
| **Clause 3** | 1 | 1 | 1 | 1 |  |
| **Clause 4** | 0 | 0 | 0 | 0 |  |
| **Clause 6** | 0 | 8 | 8 | 0 |  |
| **Clause 9** | 33 | 36 | 72 | 42 |  |
| **Clause 10** | 0 | 0 | 0 | 0 |  |
| **Clause 11** | 0 | 0 | 0 | 0 |  |
| **Clause 12** | 6 | 6 | 6 | 6 |  |
| **Clause 26** | 0 | 0 | 0 | 0 |  |
| **Clause 35** | 55 | 45 | 46 | 65 |  |
| **Clause 36** | 680 | 456 | 206 | 45 |  |
| **Annex B** | 0 | 0 | 0 | 10 |  |

## Teleconference Agendas

### 1st Conf. Call: May 10 (19:00–21:00 ET)–PHY

* See [602r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0602-01-00be-tgbe-may-2021-meeting-agenda.pptx)

### 1st Conf. Call: May 10 (19:00–21:00 ET)–MAC

* See [602r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0602-01-00be-tgbe-may-2021-meeting-agenda.pptx)

### 2nd Conf. Call: May 12 (09:00–11:00 ET)–JOINT

* See [602r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0602-01-00be-tgbe-may-2021-meeting-agenda.pptx)

### 3rd Conf. Call: May 13 (09:00–11:00 ET)–PHY

* See

### 3rd Conf. Call: May 13 (09:00–11:00 ET)–MAC

* See

### 4th Conf. Call: May 17 (09:00–11:00 ET)–JOINT

* See

## TGbe Guidelines document

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

===========================================================================

## Patent And Procedures

### Patent-related information

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

* IEEE-SA Standards Board Bylaws

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

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

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

**If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at** **patcom@ieee.org**

### Participation in IEEE 802 Meetings

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

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

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

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

### Other guidelines for IEEE WG meetings

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

---------------------------------------------------------------

For more details, see IEEE-SA Standards Board Operations Manual, clause 5.3.10 and
Antitrust and Competition Policy: What You Need to Know at <http://standards.ieee.org/develop/policies/antitrust.pdf>

### IEEE SA Copyright Policy

By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.

* Previously Published material (copyright assertion indicated) shall not be presented/submitted to the Working Group nor incorporated into a Working Group draft unless permission is granted.
* Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA.
* For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

The IEEE SA Copyright Policy is described in the IEEE SA Standards Board Bylaws and IEEE SA Standards Board Operations Manual

* IEEE SA Copyright Policy, see
 Clause 7 of the IEEE SA Standards Board Bylaws
 [https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html)
 Clause 6.1 of the IEEE SA Standards Board Operations Manual
 <https://standards.ieee.org/about/policies/opman/sect6.html>

IEEE SA Copyright Permission

* https://[standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip](https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip)

IEEE SA Copyright FAQs

* <http://standards.ieee.org/faqs/copyrights.html/>

IEEE SA Best Practices for IEEE Standards Development

* http://[standards.ieee.org/develop/policies/best\_practices\_for\_ieee\_standards\_development\_051215.pdf](http://standards.ieee.org/develop/policies/best_practices_for_ieee_standards_development_051215.pdf)

Distribution of Draft Standards (see 6.1.3 of the SASB Operations Manual)

* <https://standards.ieee.org/about/policies/opman/sect6.html>

==================================================

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

**IEEE Code of Ethics**

<http://www.ieee.org/about/corporate/governance/p7-8.html>

**IEEE Standards Association (IEEE-SA) Affiliation FAQ**

<http://standards.ieee.org/faqs/affiliation.html>

**Antitrust and Competition Policy**

<http://standards.ieee.org/resources/antitrust-guidelines.pdf>

**Letter of Assurance Form**

[http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#loa](http://standards.ieee.org/develop/policies/bylaws/sect6-7.html)

[https://development.standards.ieee.org/myproject/Public//mytools/mob/loa.pdf](http://standards.ieee.org/board/pat/pat-slideset.ppt)

**IEEE-SA Patent Committee FAQ & Patent slides**

<http://standards.ieee.org/board/pat/faq.pdf> and <http://standards.ieee.org/board/pat/pat-slideset.ppt>

**The current version of the IEEE-SA Standards Board Bylaws is available at:**

<http://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf> (PDF version)

**The current version of the IEEE-SA Standards Board Operations Manual is available at:**

<http://standards.ieee.org/develop/policies/opman/sb_om.pdf> (PDF version)

**IEEE 802 Policies & Procedures (Approved June 2014)**

<http://standards.ieee.org/board/aud/LMSC.pdf>

**IEEE 802 Operations Manual (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0090-22-0PNP-ieee-802-lmsc-operations-manual.pdf>

**IEEE 802 Working Group Policies & Procedures (29 July 2016)**

<http://www.ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf>

**IEEE 802 LMSC Chair's Guidelines (Approved 13 July 2018)**

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0120-27-0PNP-ieee-802-lmsc-chairs-guidelines.pdf>

**Participation in IEEE 802 Meetings**

<https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>

**IEEE 802.11 WG Operations Manual (Approved 13 July 2018):**

<https://mentor.ieee.org/802.11/dcn/14/11-14-0629-22-0000-802-11-operations-manual.docx>