IEEE P802.11  
Wireless LANs

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| TGbn March to May 2024 teleconference agendas | | | | |
| Date: 2024-03-24 | | | | |
| Author(s): | | | | |
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| Alfred Asterjadhi | Qualcomm Inc. | 5775 Morehouse Dr, San Diego, CA 92109 | +1-858-658-5302 | aasterja@qti.qualcomm.com |
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Abstract

This document contains the draft agenda for March to May 2024 TGbn teleconferences.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Updated after first conf calls.

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| --- | --- | --- | --- |
| **TG Chair:** Alfred Asterjadhi (Qualcomm Inc) | | | |
| **1st Vice Chair:** Laurent Cariou (Intel) | **2nd Vice Chair:** Jianhan Liu (Mediatek) | | **3rd Vice Chair:** Kiseon Ryu (NXP) |
| **Secretary:** Yusuke Asai (NTT) | | **Technical Editor:** Ross Jian Yu (Huawei) | |
| **PHY Ad-Hoc Chair:**Dongguk Lim (LGE)  **PHY Ad-Hoc Chair:**Sigurd Schelstraete (MaxLinear)  **PHY Ad-Hoc Chair:**Tianyu Wu (Apple) | | **MAC Ad-Hoc Chair:**Srinivas Kandala (Samsung)  **MAC Ad-Hoc Chair:**Jeongki Kim (Ofinno)  **MAC Ad-Hoc Chair:**Xiaofei Wang (Interdigital) | |

## TGbn 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

* **Mar 25 (Monday) Holiday**
* **Mar 28 (Thursday) – MAC/PHY 10:00-12:00 ET**
* **Apr 01-04 (Monday-Thursday) Holiday**
* **Apr 08 (Monday) – MAC/PHY 19:00-21:00 ET**
* **Apr 11 (Thursday) – MAC/PHY 10:00-12:00 ET**
* **Apr 15 (Monday) – Joint 19:00-21:00 ET**
* **Apr 18 (Thursday) – Joint 10:00-12:00 ET**
* **Apr 22 (Monday) – MAC/PHY 19:00-21:00 ET**
* **Apr 25 (Thursday) – MAC/PHY 10:00-12:00 ET**
* **Apr 29 (Monday) – Joint 19:00-21:00 ET**
* **May 02 (Thursday) Holiday**
* **May 06 (Monday) – MAC/PHY 19:00-21:00 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

## Technical Submissions Queues

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
| [23/1896](https://mentor.ieee.org/802.11/dcn/23/11-23-1896-01-00bn-signaling-details-for-header-protection.pptx) | Signaling details for header protection | Abhishek Patil | Pending | Header Security\* | MAC |
| [23/1960](https://mentor.ieee.org/802.11/dcn/23/11-23-1960-01-00bn-enhanced-replay-detection-for-header-protection.pptx) | Enhanced replay detection for header protection | Abhishek Patil | Pending | Header Security\* | MAC |
| [23/1997](https://mentor.ieee.org/802.11/dcn/23/11-23-1997-00-00bn-mac-header-protection.pptx) | MAC header protection | Po-Kai Huang | Pending | Header Security\* | MAC |
| [24/0090](https://mentor.ieee.org/802.11/dcn/24/11-24-0090-00-00bn-protected-low-latency-communications-for-mlo.pptx) | Protected Low Latency Communications for MLO | Serhat Erkucuk | Presented | Channel Access | MAC |
| [24/0091](https://mentor.ieee.org/802.11/dcn/24/11-24-0091-00-00bn-enhanced-scheduling-method-for-low-latency-traffic-follow-up.pptx) | Enhanced Scheduling Method for Low Latency Traffic – Follow Up | Serhat Erkucuk | Pending | Preemption | MAC |
| [24/0093](https://mentor.ieee.org/802.11/dcn/24/11-24-0093-01-00bn-nav-setting-for-coordinated-tdma.pptx) | C-TDMA NAV setting | Dibakar Das | Pending | C-TDMA | Joint |
| [24/0094](https://mentor.ieee.org/802.11/dcn/24/11-24-0094-00-00bn-probe-before-talk-and-unsolicited-unavailability-announcement-for-co-ex-management.pptx) | Probe-before-Talk and Unsolicited Unavailability Announcement for Co-ex Management | Qi Wang | Presented | Coex | MAC |
| [24/0097](https://mentor.ieee.org/802.11/dcn/24/11-24-0097-00-00bn-ap-power-management-follow-up.pptx) | AP Power Management - Follow up | Yongsen Ma | Pending | Power Save | MAC |
| [24/0101](https://mentor.ieee.org/802.11/dcn/24/11-24-0101-00-00bn-mld-roaming.pptx) | MLD Roaming | Gabor Bajko | Pending | Roaming | MAC |
| [24/0103](https://mentor.ieee.org/802.11/dcn/24/11-24-0103-00-00bn-txop-level-preemption-for-low-latency-application-in-802-11bn.pptx) | TXOP level preemption for Low latency application in 802.11bn | Juan Fang | Pending | Preemption | MAC |
| [24/0106](https://mentor.ieee.org/802.11/dcn/24/11-24-0106-00-00bn-seamless-roaming-consideration.pptx) | Seamless Roaming Consideration | Hitoshi MORIOKA | Pending | Roaming | MAC |
| [24/0108](https://mentor.ieee.org/802.11/dcn/24/11-24-0108-00-00bn-triggered-beamforming-in-tgbn-follow-up.pptx) | Triggered Beamforming in TGbn - Follow Up | Shimi Shilo | Pending | Beamforming | Joint |
| [24/0110](https://mentor.ieee.org/802.11/dcn/24/11-24-0110-00-00bn-regarding-mpdu-identification-issue-in-cross-link-error-recovery.pptx) | Regarding MPDU Identification Issue in Cross Link Error Recovery | Juseong Moon | Pending | Acknowledgment | MAC |
| [24/0119](https://mentor.ieee.org/802.11/dcn/24/11-24-0119-00-00bn-enhanced-hcca-for-controlled-uhr-scenarios.pptx) | Enhanced HCCA for Controlled UHR Scenarios | Salvatore Talarico | Presented | Channel Access | MAC |
| \*On hold, pending SP | | | | | |
| **Submissions (First and Second Cut-Off)** | | | | | |
| [23/2078](https://mentor.ieee.org/802.11/dcn/23/11-23-2078-03-00bn-coex-enhancement-for-xr-use-cases.pptx) | Coex Enhancement for XR Use Cases | Guoqing Li | Pending | Coexistence | MAC |
| 23/2152 | UHR Mobility Improvement | Yonggang Fang | Pending | Roaming | MAC |
| 23/2153 | UHR transmission reliability improvement | Yonggang Fang | Pending | ?? | MAC |
| [24/0067](https://mentor.ieee.org/802.11/dcn/24/11-24-0067-00-00bn-range-expansion-via-repeated-transmission.pptx) | Range Expansion via Repeated Transmission | Nima Namvar | Pending | Relay | MAC |
| [24/0070](https://mentor.ieee.org/802.11/dcn/24/11-24-0070-00-00bn-some-details-about-non-primary-channel-access.pptx) | Some details about non-primary channel access | Yunbo Li | Pending | NPCA | MAC |
| 24/0072 | MAP channel access procedure | Jay Yang | Pending | MAP | MAC |
| 24/0131 | Signaling of Preemption | Insun Jang | Pending | Preemption | MAC |
| 24/0132 | Preemptive access for UL low latency transmission | Yonggang Fang | Pending | Preemption | MAC |
| [24/0142](https://mentor.ieee.org/802.11/dcn/24/11-24-0142-00-00bn-residual-interference-in-cbf.pptx) | Residual Interference in CBF | Dana Ciochina | Pending | CBF | Joint |
| 24/0151 | Establishment of Security Key for Control frame | SunHee Baek | Pending | Security | MAC |
| 24/0160 | R-TWT Coordination Negotiation in Multi-BSS | SunHee Baek | Pending | C-RTWT | Joint |
| 24/0161 | R-TWT Announcement in Multi-BSS | SunHee Baek | Pending | C-RTWT | Joint |
| [24/0168](https://mentor.ieee.org/802.11/dcn/24/11-24-0168-00-00bn-txop-preemption-in-11bn.pptx) | TXOP preemption in 11bn | Kiseon Ryu | Pending | Preemption | MAC |
| 24/0227 | TXOP Protection in C-TDMA | GeonHwan Kim | Pending | C-TDMA | Joint |
| 24/0264 | Timing Information Sharing for Next Generation WLANs | Peshal Nayak | Pending | Feedback | MAC |
| [24/0284](https://mentor.ieee.org/802.11/dcn/24/11-24-0284-00-00bn-low-latency-low-collision-low-power-uhr-medium-access.pptx) | Low latency, low collision, low power UHR medium access | Sean Coffey | Pending | Medium Access | Joint |
| 24/0299 | Initial ctrl frame for BW switching modes | Vishnu Ratnam | Pending | Miscellaneous | MAC |
| 24/0317 | Coordinated Transmission ID | Yanchun Li | Pending | MAP | Joint |
| 24/0318 | Robust Secondary Channel Access | Yanchun Li | Pending | DSO | MAC |
| 24/0349 | Enhanced Fast BSS Transition | Guogang Huang | Pending | Roaming | MAC |
| [24/0352](https://mentor.ieee.org/802.11/dcn/24/11-24-0352-00-00bn-enabling-unscheduling-ap-ps-follow-up.pptx) | Enabling Unscheduling AP PS Follow-up | Guogang Huang | Pending | Power Save | MAC |
| 24/0375 | NAV protection for C-TDMA | Si-Chan Noh | Pending | C-TDMA | Joint |
| [24/0382](https://mentor.ieee.org/802.11/dcn/24/11-24-0382-00-00bn-further-considerations-on-coordinated-tdma.pptx) | Further Considerations on Coordinated TDMA | Serhat Erkucuk | Pending | C-TDMA | Joint |
| 24/0384 | Low Latency Based on L4S | Yan Li | Pending | L4S | Joint |
| 24/0385 | Discussion on 11bn Relay Operation | Kosuke Aio | Pending | Relay | MAC |
| 24/0386 | Lower MAC Relay Follow-Up | Kiseon Ryu | Pending | Relay | MAC |
| 24/0387 | TXOP Sharing for C-BF Transmission | Kiseon Ryu | Pending | CBF | MAC |
| 24/0388 | Impact of Network Topology on Coordinated R-TWT | Xia, Qing | Pending | C-RTWT | Joint |
| 24/0389 | Preemption for Low Latency | Mohamed Abouelseoud | Pending | Preemption | MAC |
| [24/0390](https://mentor.ieee.org/802.11/dcn/24/11-24-0390-00-00bn-a-uniform-procedure-for-preemption.pptx) | A Uniform Procedure for Preemption | Yunbo Li | Pending | Preemption | MAC |
| [24/0391](https://mentor.ieee.org/802.11/dcn/24/11-24-0391-00-00bn-legacy-sta-and-obss-issues-for-preemption.pptx) | Legacy STA and OBSS Issues for Preemption | Yunbo Li | Pending | Preemption | MAC |
| 24/0392 | Enhancements on Base-Channel Peer-to-peer (P2P) Communications | Rubayet Shafin | Pending | Peer-to-Peer | MAC |
| 24/0393 | Enhancements on Off-Channel Peer-to-peer (P2P) Communications | Rubayet Shafin | Pending | Peer-to-Peer | MAC |
| 24/0396 | Seamless roaming within a mobility domain - follow up | Binita Gupta | Pending | Roaming | MAC |
| 24/0397 | Support for end-to-end QoS | Binita Gupta | Pending | QoS | MAC |
| 24/0398 | Coordinated roaming through target AP MLD | Binita Gupta | Pending | Roaming | MAC |
| 24/0403 | Managed on-channel P2P communication | Inaki Val | Pending | Peer-to-Peer | MAC |
| 24/0405 | Managed Networks under highly congested scenarios - Follow up | Inaki Val | Pending | MAP | Joint |
| 24/0407 | R-TWT Multi-AP Coordination - Follow up | Kumail Haider | Pending | C-RTWT | Joint |
| 24/0408 | Enhancements on TWT SP Management | Kumail Haider | Pending | Miscellaneous | MAC |
| 24/0411 | TXOP Return in C-TDMA | GeonHwan Kim | Pending | C-TDMA | Joint |
| 24/0412 | Seamless Roaming Procedure Follow-Up | Yelin Yoon | Pending | Roaming | MAC |
| 24/0413 | Seamless Roaming Recommendation | Yelin Yoon | Pending | Roaming | MAC |
| 24/0414 | Improving acknowledgment mechanisms | Alfred Asterjadhi | Pending | Acknowledgment | MAC |
| 24/0416 | Target STA Prioritization in EDCA-based Preemption Mechanisms during a DL TXOP | Mingyu LEE | Pending | Preemption | MAC |
| 24/0420 | Enabling Flexible Coexistence Operation | Guogang Huang | Pending | Coexistence | MAC |
| 24/0423 | NAV Rules in C-TDMA | Sanket Kalamkar | Pending | C-TDMA | Joint |
| 24/0426 | EDCA for Non-Primary Channel Access | Dongju Cha | Pending | NPCA | MAC |
| 24/0427 | Enabling Non-Primary Channel Access | Dongju Cha | Pending | NPCA | MAC |
| 24/0431 | Signal for preemption request | Xiangxin Gu | Pending | Preemption | MAC |
| 24/0433 | Analysis on UEQM and UEQ MCS | Ross Jian Yu | Presented | UEQ MCS | PHY |
| [24/0435](https://mentor.ieee.org/802.11/dcn/24/11-24-0435-00-00bn-ideas-related-to-achieving-ultra-high-reliability.pptx) | Ideas related to achieving (Ultra) High Reliability | Leif Wilhelmsson | Pending  (AMs) | Misc. | PHY |
| 24/0436 | SP-based-in-device-coexistence | Jason Y. Guo | Pending | Coex | MAC |
| 24/0437 | Interference Mitigation for Improved Reliability – More Insights | Shimi Shilo | Pending | Misc. | PHY |
| 24/0438 | UEQM Benefit Analysis | Rainer Strobel | Presented | UEQ MCS | PHY |
| 24/0439 | UEQM evaluation and simulation results | Rainer Strobel | Presented | UEQ MCS | PHY |
| 24/0440 | DPWiFi for IEEE802.11bn WMAN | Carlos Rios | Pending | Misc. | PHY |
| 24/0442 | Latency reduction for immediate real-time application traffic transmission | Yue Qi | Pending | Preemption | MAC |
| [24/0443](https://mentor.ieee.org/802.11/dcn/24/11-24-0443-00-00bn-discussion-on-bounded-delay-in-industrial-scenarios.pptx) | Discussion on Determining Latency in Industrial Scenarios | Yue Xu | Pending | Misc. | MAC |
| 24/0444 | Considerations on Joint Transmission | Kazunobu Serizawa | Pending | JT | Joint |
| 24/0449 | Considerations on Dynamic Subchannel Operation–Follow Up | Liuming Lu | Pending | DSO | MAC |
| 24/0451 | AP state transitions in DPS mode | Vishnu Ratnam | Pending | Power Save | MAC |
| 24/0453 | Multi-AP Coordination and Roaming | Xiaofei Wang | Pending | MAP | Joint |
| 24/0454 | Multi-AP Sounding MAC Procedure | Xiaofei Wang | Pending | MAP | Joint |
| 24/0458 | Considerations on Non-Primary Channel Access | Salvatore Talarico | Pending | NPCA | MAC |
| 24/0460 | Low Power and Long Range Preamble Follow Up | Brian Hart | Pending | Preamble | PHY |
| 24/0461 | Vendor specific PHY Options | Brian Hart | Pending | Preamble | PHY |
| 24/0462 | MAPC SPs | Brian Hart | Pending | MAP | MAC |
| 24/0463 | QoS enhancements for UHR | Dibakar Das | Pending | QoS | MAC |
| 24/0467 | Hip edca follow up legacy impact | Dmitry Akhmetov | Presented | Channel Access | MAC |
| [24/0469](https://mentor.ieee.org/802.11/dcn/24/11-24-0469-00-00bn-new-mcss-for-11bn.pptx) | New MCSs for 11bn | Shengquan Hu | Pending | Modulation | PHY |
| [24/0470](https://mentor.ieee.org/802.11/dcn/24/11-24-0470-00-00bn-rethinking-preemption.pptx) | Rethinking Latency | Dmitry Akhmetov | Pending | Preemption | MAC |
| 24/0474 | UHR unequal modulation pattern and new MCS | Rui Cao | Pending | UEQ MCS | PHY |
| 24/0478 | AP Coordination Listening Instances | Giovanni Chisci | Pending | MAP | Joint |
| 24/0480 | Details on Context Transfer and Data Forwarding under FT Protocol | Guogang Huang | Pending | Roaming | MAC |
| 24/0486 | Low power listening mode for clients | Ming Gan | Pending | Power Save | MAC |
| 24/0487 | Some considerations on non-primary channel access | Ming Gan | Pending | NPCA | MAC |
| 24/0490 | Discussion on Control Frame and MAC Header Protection | Yunbo Li | Pending | Security | MAC |
| 24/0493 | Dynamic channel switch operation | Liwen Chu | Pending | DSO | MAC |
| 24/0494 | In-device coexistence follow up | Liwen Chu | Pending | Coexistence | MAC |
| 24/0495 | Non-primary channel access (NPCA) - follow up | Minyoung Park | Pending | NPCA | MAC |
| 24/0496 | Secondary channel usage follow up | Liwen Chu | Pending | NPCA | MAC |
| 24/0497 | Security enhancement (control frame protection) follow up | Liwen Chu | Pending | Control Security | MAC |
| 24/0498 | Unequal Modulation in MIMO TxBF and New MCS for 11bn | Alice Chen | Pending | UEQ MCS | PHY |
| 24/0502 | MAC header protection follow up | Liwen Chu | Pending | Header Security | MAC |
| 24/0503 | Power save follow up | Liwen Chu | Pending | Power Save | MAC |
| 24/0507 | UEQM – Further details | Ron Porat | Pending | UEQ MCS | PHY |
| [24/0508](https://mentor.ieee.org/802.11/dcn/24/11-24-0508-00-00bn-extended-6-ghz-channelization.pptx) | Extended 6 GHz channelization | Thomas Derham | Pending | Channelization | PHY |
| 24/0509 | Thoughts on in-device coexistence and P2P for 11bn | Rubayet Shafin | Pending | Coexistence | MAC |
| 24/0511 | Requirements and Functionalities for Multi-AP Framework | Rubayet Shafin | Pending | MAP | Joint |
| 24/0512 | Considerations for Coordinated TDMA | Rubayet Shafin | Pending | C-TDMA | Joint |
| 24/0515 | Multi-AP Coordination for AP Failure Mitigation | Jiayi Zhang | Pending | MAP | Joint |
| 24/0517 | Preallocation of subband for DSO - follow up | Vishnu Ratnam | Pending | DSO | MAC |
| [24/0518](https://mentor.ieee.org/802.11/dcn/24/11-24-0518-00-00bn-troubleshootingmetricsfouhr.pptx) | Troubleshooting Metrics for UHR | Jerome Henry | Pending | Stats Reporting | MAC |
| [24/0519](https://mentor.ieee.org/802.11/dcn/24/11-24-0519-00-00bn-pingpongwarningforuhr.pptx) | Ping Pong Warning For UHR | Jerome Henry | Pending | Stats Reporting | MAC |
| 24/0522 | MAP co-EDCA for edging STA | Jay Yang | Pending | MAP | MAC |
| 24/0523 | Channel Switching For Coordinating APs | Leonardo Lanante | Pending | MAP | MAC |
| 24/0524 | Multiple AP transmissions Using DRU | Leonardo Lanante | Pending | DRU | PHY |
| 24/0525 | MAC header/data integrity with relaxed receiver requirement | Li-Hsiang Sun | Pending | Header Security | MAC |
| [24/0529](https://mentor.ieee.org/802.11/dcn/24/11-24-0529-00-00bn-coordinated-spatial-reuse-discussion.pptx) | Coordinated Spatial Reuse discussion | Yusuke Tanaka | Pending | C-SR | Joint |
| [24/0530](https://mentor.ieee.org/802.11/dcn/24/11-24-0530-00-00bn-indication-of-11bn-feature-set.pptx) | Indication of 11bn Feature Set | Akira Kishida | Pending | Misc. | Joint |
| 24/0531 | Buffer Status for Low Latency | Liangxiao Xin | Pending | Feedback | MAC |
| 24/0532 | WMAN vs WLAN TGbn | Carlos Rios | Pending | Misc. | Joint |
| 24/0534 | LPI Static Preamble Puncturing | Pelin Salem | Pending | CCA | PHY |
| 24/0535 | Trigger, BA, and BAR Protection follow up | Po-kai Huang | Pending | Security | MAC |
| [24/0538](https://mentor.ieee.org/802.11/dcn/24/11-24-0538-00-00bn-sp-based-non-primary-channel-access.pptx) | SP-based non-primary-channel-access | Yue Zhao | Pending | NPCA | MAC |
| [24/0541](https://mentor.ieee.org/802.11/dcn/24/11-24-0541-00-00bn-ascon-the-lightweight-cryptography-as-a-new-cipher-choice-for-802-11bn.pptx) | Ascon: The Lightweight Cryptography As A New Cipher Choice for 802.11bn | Hui Luo | Pending | Security | MAC |
| 24/0543 | Coexistence Protocols for UHR - follow up | Sherief Helwa | Pending | Coexistence | MAC |
| 24/0544 | Power Save Protocols for UHR - follow up | Sherief Helwa | Pending | Power Save | MAC |
| 24/0547 | Secure Control frames - Follow Up | Alfred Asterjadhi | Pending | Security | MAC |
| **Submissions (Third Cut-Off)** | | | | | |
| [24/0001](https://mentor.ieee.org/802.11/dcn/24/11-24-0001-00-00bn-dl-mu-ext-ppdus.pptx) | DL MU Ext PPDUs | Michail KOUNDOURAKIS | Pending (mornings) | ? | Joint |
| [24/0450](https://mentor.ieee.org/802.11/dcn/24/11-24-0450-00-00bn-a-proposal-for-uhr-soft-ap-power-save.pptx) | a-proposal-for-uhr-soft-ap-power-save | Yong Liu | Pending | PS | MAC |
| [24/0478](https://mentor.ieee.org/802.11/dcn/24/11-24-0478-00-00bn-ap-coordination-listening-instances.pptx) | AP Coordination Listening Instances | Giovanni Chisci | Pending | MAP | Joint |
| 24/0504 | Considerations of A Unified Initial Control Frame Design | Hanqing Lou | Pending | Control | MAC |
| 24/0505 | Considerations of Transmissions of Initial Control Response frames | Hanqing Lou | Pending | Control | MAC |
| [24/0573](https://mentor.ieee.org/802.11/dcn/24/11-24-0573-00-00bn-channel-bonding-rules-in-en-301-893-en-303-687.pptx) | Channel bonding rules in EN 301 893 & EN 303 687 | Guido R. Hiertz | Pending | Regulatory | Joint |
| [24/0577](https://mentor.ieee.org/802.11/dcn/24/11-24-0577-00-00bn-thoughts-on-coordinated-spatial-reuse-c-sr.pptx) | Thoughts on Coordinated Spatial Reuse | Sherief Helwa | Pending | C-SR | Joint |
| [24/0589](https://mentor.ieee.org/802.11/dcn/24/11-24-0589-00-00bn-dynamic-tid-to-link-mapping-for-ap-mld-power-save.pptx) | Dynamic TID-To-Link Mapping for AP MLD Power Save | Yongsen Ma | Pending | PS | MAC |
| [24/0591](https://mentor.ieee.org/802.11/dcn/24/11-24-0591-00-00bn-emlsr-secondary-channel-operation.pptx) | EMLSR Secondary Channel Operation | Morteza Mehrnoush | Pending | DSO | MAC |
| [24/0602](https://mentor.ieee.org/802.11/dcn/24/11-24-0602-00-00bn-multi-link-power-management-for-mlo.pptx) | Multi link Power Management for MLO | Morteza Mehrnoush | Pending | PS | MAC |
| 24/0629 | UL Low Latency Traffic Indication | Xiaofei Wang | Pending | Low Latency | MAC |
| [24/0635](https://mentor.ieee.org/802.11/dcn/24/11-24-0635-00-00bn-coordinated-spatial-re-use-and-coordinated-spatial-nulling-follow-up.pptx) | Coordinated Spatial Re-Use and Coordinated Spatial Nulling Follow-Up | Rainer Strobel | Pending | CSR | Joint |
| 24/0636 | Multi-AP Preemption for Low-Latency Traffic | Si-Chan Noh | Pending | Preemption | MAC |
| 24/0639 | MAC protocol aspects of multi-AP coordination | Sindhu Verma | Pending | MAP | Joint |
| **Pending SPs (work in progress)** | | | | | |
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| End Of Queue | | | | | |
| Notes: | | | | | |

## Teleconference Agendas

### 1st Conf. Call: March 28 (10:00–12:00 ET)–MAC

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

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

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)), Xiaofei Wang ([xiaofei.wang@interdigital.com](mailto:xiaofei.wang@interdigital.coma)) and Srinivas Kandala ([srini.k1@samsung.com](mailto:srini.k1@samsung.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Channel Access plus Coexistence:
  + [24/0090](https://mentor.ieee.org/802.11/dcn/24/11-24-0090-01-00bn-protected-low-latency-communications-for-mlo.pptx) Protected Low Latency Communications for MLO Serhat Erkucuk
  + [24/0119](https://mentor.ieee.org/802.11/dcn/24/11-24-0119-00-00bn-enhanced-hcca-for-controlled-uhr-scenarios.pptx) Enhanced HCCA for Controlled UHR Scenarios Salvatore Talarico
  + [24/0467](https://mentor.ieee.org/802.11/dcn/24/11-24-0467-00-00bn-hip-edca-follow-up-legacy-impact.pptx) Hip edca follow up legacy impact Dmitry Akhmetov
  + [24/0094](https://mentor.ieee.org/802.11/dcn/24/11-24-0094-00-00bn-probe-before-talk-and-unsolicited-unavailability-announcement-for-co-ex-management.pptx) Probe-before-Talk and Unsolicited Unavailability Announcement for Co-ex Management Qi Wang
  + [23/2078](https://mentor.ieee.org/802.11/dcn/23/11-23-2078-04-00bn-coex-enhancement-for-xr-use-cases.pptx) Coex Enhancement for XR Use Cases Guoqing Li
* AoB:
* Adjourn

### 1st Conf. Call: March 28 (10:00–12:00 ET)–PHY

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

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

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <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 Dongguk Lim ([dongguk.lim@lge.com](mailto:dongguk.lim@lge.com)), Sigurd Schelstraete ([sschelstraete@maxlinear.com](mailto:sschelstraete@maxlinear.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-UEQM:
  + [24/0433](https://mentor.ieee.org/802.11/dcn/24/11-24-0433-00-00bn-analysis-on-ueqm-and-ueq-mcs.pptx) Analysis on UEQM and UEQ MCS Ross Jian Yu
  + [24/0438](https://mentor.ieee.org/802.11/dcn/24/11-24-0438-00-00bn-ueqm-benefit-analysis.pptx) UEQM Benefit Analysis Rainer Strobel
  + [24/0439](https://mentor.ieee.org/802.11/dcn/24/11-24-0439-00-00bn-ueqm-evaluation-and-simulation-results.pptx) UEQM evaluation and simulation results Rainer Strobel
  + [24/0474](https://mentor.ieee.org/802.11/dcn/24/11-24-0474-00-00bn-uhr-unequal-modulation-pattern-and-new-mcs.pptx) UHR unequal modulation pattern and new MCS Rui Cao
  + [24/0498](https://mentor.ieee.org/802.11/dcn/24/11-24-0498-00-00bn-unequal-modulation-in-mimo-txbf-and-new-mcs-for-11bn.pptx) Unequal Modulation in MIMO TxBF and New MCS for 11bn Alice Chen
* AoB:
* Adjourn

### 2nd Conf. Call: April 08 (19:00–21:00 ET)–MAC

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

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

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)), Xiaofei Wang ([xiaofei.wang@interdigital.com](mailto:xiaofei.wang@interdigital.coma)) and Srinivas Kandala ([srini.k1@samsung.com](mailto:srini.k1@samsung.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Coexistence:
  + [23/2078](https://mentor.ieee.org/802.11/dcn/23/11-23-2078-04-00bn-coex-enhancement-for-xr-use-cases.pptx) Coex Enhancement for XR Use Cases Guoqing Li
  + 24/0420 Enabling Flexible Coexistence Operation Guogang Huang
  + [24/0436](https://mentor.ieee.org/802.11/dcn/24/11-24-0436-00-00bn-sp-based-in-device-coexistence.pptx) SP-based-in-device-coexistence Jason Y. Guo
  + 24/0494 In-device coexistence follow up Liwen Chu
  + 24/0509 Thoughts on in-device coex. and P2P for 11bn Rubayet Shafin
  + 24/0543 Coexistence Protocols for UHR - follow up Sherief Helwa
* AoB:
* Adjourn

### 2nd Conf. Call: April 08 (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
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    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <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 Dongguk Lim ([dongguk.lim@lge.com](mailto:dongguk.lim@lge.com)), Sigurd Schelstraete ([sschelstraete@maxlinear.com](mailto:sschelstraete@maxlinear.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-UEQM plus miscellaneous:
  + [24/0474](https://mentor.ieee.org/802.11/dcn/24/11-24-0474-00-00bn-uhr-unequal-modulation-pattern-and-new-mcs.pptx) UHR unequal modulation pattern and new MCS Rui Cao
  + [24/0498](https://mentor.ieee.org/802.11/dcn/24/11-24-0498-00-00bn-unequal-modulation-in-mimo-txbf-and-new-mcs-for-11bn.pptx) Unequal Modulation in MIMO TxBF and New MCS for 11bn Alice Chen
  + [24/0469](https://mentor.ieee.org/802.11/dcn/24/11-24-0469-00-00bn-new-mcss-for-11bn.pptx) New MCSs for 11bn Shengquan Hu
  + [24/0507](https://mentor.ieee.org/802.11/dcn/24/11-24-0507-00-00bn-ueqm-further-details.pptx) UEQM – Further details Ron Porat
  + [24/0437](https://mentor.ieee.org/802.11/dcn/24/11-24-0437-00-00bn-interference-mitigation-for-improved-reliability-more-insights.pptx) Interference Mitig. for Impr. Reliability – More Insights Shimi Shilo
  + 24/0440 DPWiFi for IEEE802.11bn WMAN Carlos Rios
  + 24/0460 Low Power and Long Range Preamble Follow Up Brian Hart
* AoB:
* Adjourn

### 3rd Conf. Call: April 11 (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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* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)), Xiaofei Wang ([xiaofei.wang@interdigital.com](mailto:xiaofei.wang@interdigital.coma)) and Srinivas Kandala ([srini.k1@samsung.com](mailto:srini.k1@samsung.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions:
  + [24/0091](https://mentor.ieee.org/802.11/dcn/24/11-24-0091-01-00bn-enhanced-scheduling-method-for-low-latency-traffic-follow-up.pptx) Enhanced Scheduling Method for Low Lat. Traffic–Follow Up Serhat Erkucuk
  + [24/0103](https://mentor.ieee.org/802.11/dcn/24/11-24-0103-01-00bn-txop-level-preemption-for-low-latency-application-in-802-11bn.pptx) TXOP level preemption for Low latency application in 802.11bnJuan Fang
  + 24/0131 Signaling of Preemption Insun Jang
  + 24/0132 Preemptive access for UL low latency transmission Yonggang Fang
  + [24/0168](https://mentor.ieee.org/802.11/dcn/24/11-24-0168-00-00bn-txop-preemption-in-11bn.pptx) TXOP preemption in 11bn Kiseon Ryu
  + 24/0389 Preemption for Low Latency Mohamed Abouelseoud
  + [24/0390](https://mentor.ieee.org/802.11/dcn/24/11-24-0390-00-00bn-a-uniform-procedure-for-preemption.pptx) A Uniform Procedure for Preemption Yunbo Li
* AoB:
* Adjourn

### 3rd Conf. Call: April 11 (10:00–12:00 ET)–PHY

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

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    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
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* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
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  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Dongguk Lim ([dongguk.lim@lge.com](mailto:dongguk.lim@lge.com)), Sigurd Schelstraete ([sschelstraete@maxlinear.com](mailto:sschelstraete@maxlinear.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-Preamble plus miscellaneous:
  + [24/0435](https://mentor.ieee.org/802.11/dcn/24/11-24-0435-00-00bn-ideas-related-to-achieving-ultra-high-reliability.pptx) Ideas related to achieving (Ultra) High Reliability Leif Wilhelmsson
  + 24/0461 Vendor specific PHY Options Brian Hart
  + [24/0508](https://mentor.ieee.org/802.11/dcn/24/11-24-0508-00-00bn-extended-6-ghz-channelization.pptx) Extended 6 GHz channelization Thomas Derham
  + 24/0524 Multiple AP transmissions Using DRU Leonardo Lanante
  + 24/0534 LPI Static Preamble Puncturing Pelin Salem
* AoB:
* Adjourn

### 4th Conf. Call: April 15 (19:00–21:00 ET)–Joint

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

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    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <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 Yusuke Asai (yusuke.asai@ntt.com) and Alfred Asterjadhi (asterjadhi@gmail.com)
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-C-TDMA:
  + [24/0093](https://mentor.ieee.org/802.11/dcn/24/11-24-0093-02-00bn-nav-setting-for-coordinated-tdma.pptx) C-TDMA NAV setting Dibakar Das
  + 24/0227 TXOP Protection in C-TDMA GeonHwan Kim
  + 24/0375 NAV protection for C-TDMA Si-Chan Noh
  + [24/0382](https://mentor.ieee.org/802.11/dcn/24/11-24-0382-00-00bn-further-considerations-on-coordinated-tdma.pptx) Further Considerations on Coordinated TDMA Serhat Erkucuk
  + 24/0411 TXOP Return in C-TDMA GeonHwan Kim
* AoB:
* Adjourn

### 5th Conf. Call: April 18 (10:00–12:00 ET)–Joint

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

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

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* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
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  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Yusuke Asai (yusuke.asai@ntt.com) and Alfred Asterjadhi (asterjadhi@gmail.com)
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-C-TDMA plus Beamforming:
  + 24/0423 NAV Rules in C-TDMA Sanket Kalamkar
  + 24/0512 Considerations for Coordinated TDMA Rubayet Shafin
  + [24/0108](https://mentor.ieee.org/802.11/dcn/24/11-24-0108-00-00bn-triggered-beamforming-in-tgbn-follow-up.pptx) Triggered Beamforming in TGbn - Follow Up Shimi Shilo
  + [24/0142](https://mentor.ieee.org/802.11/dcn/24/11-24-0142-01-00bn-residual-interference-in-cbf.pptx) Residual Interference in CBF Dana Ciochina
* AoB:
* Adjourn

### 6th Conf. Call: April 22 (19:00–21:00 ET)–MAC

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
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  + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
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  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)), Xiaofei Wang ([xiaofei.wang@interdigital.com](mailto:xiaofei.wang@interdigital.coma)) and Srinivas Kandala ([srini.k1@samsung.com](mailto:srini.k1@samsung.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Preemption:
  + [24/0391](https://mentor.ieee.org/802.11/dcn/24/11-24-0391-00-00bn-legacy-sta-and-obss-issues-for-preemption.pptx) Legacy STA and OBSS Issues for Preemption Yunbo Li
  + [24/0416](https://mentor.ieee.org/802.11/dcn/24/11-24-0416-00-00bn-target-sta-prioritization-in-edca-based-preemption-mechanisms-during-a-dl-txop.pptx) Target STA Prioritization in EDCA-based Preemption Mechanisms during a DL TXOP Mingyu LEE
  + [24/0431](https://mentor.ieee.org/802.11/dcn/24/11-24-0431-01-00bn-signal-for-preemption-request.pptx) Signal for preemption request Xiangxin Gu
  + 24/0442 Lat. reduction for immediate real-time application traffic TX Yue Qi
  + [24/0470](https://mentor.ieee.org/802.11/dcn/24/11-24-0470-00-00bn-rethinking-preemption.pptx) Rethinking Latency Dmitry Akhmetov
* AoB:
* Adjourn

### 6th Conf. Call: April 22 (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

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <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 Dongguk Lim ([dongguk.lim@lge.com](mailto:dongguk.lim@lge.com)), Sigurd Schelstraete ([sschelstraete@maxlinear.com](mailto:sschelstraete@maxlinear.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:
  + …
* AoB:
* Adjourn

### 7th Conf. Call: April 25 (10:00–12:00 ET)–MAC

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

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

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)), Xiaofei Wang ([xiaofei.wang@interdigital.com](mailto:xiaofei.wang@interdigital.coma)) and Srinivas Kandala ([srini.k1@samsung.com](mailto:srini.k1@samsung.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Power Save:
  + [24/0097](https://mentor.ieee.org/802.11/dcn/24/11-24-0097-00-00bn-ap-power-management-follow-up.pptx) AP Power Management - Follow up Yongsen Ma
  + [24/0352](https://mentor.ieee.org/802.11/dcn/24/11-24-0352-00-00bn-enabling-unscheduling-ap-ps-follow-up.pptx) Enabling Unscheduling AP PS Follow-up Guogang Huang
  + 24/0451 AP state transitions in DPS mode Vishnu Ratnam
  + [24/0485](https://mentor.ieee.org/802.11/dcn/24/11-24-0485-00-00bn-low-power-listening-mode-for-clients.pptx) Low power listening mode for clients Ming Gan
  + 24/0503 Power save follow up Liwen Chu
  + 24/0544 Power Save Protocols for UHR - follow up Sherief Helwa
* AoB:
* Adjourn

### 7th Conf. Call: April 25 (10:00–12:00 ET)–PHY

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

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* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <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 Dongguk Lim ([dongguk.lim@lge.com](mailto:dongguk.lim@lge.com)), Sigurd Schelstraete ([sschelstraete@maxlinear.com](mailto:sschelstraete@maxlinear.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:
  + …
* AoB:
* Adjourn

### 8th Conf. Call: April 29 (19:00–21:00 ET)–Joint

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

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

* + **Copyright Policy: Participants are advised that**
    - IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <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 Yusuke Asai (yusuke.asai@ntt.com) and Alfred Asterjadhi (asterjadhi@gmail.com)
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-C-RTWT plus Medium Access:
  + 24/0160 R-TWT Coordination Negotiation in Multi-BSS SunHee Baek
  + 24/0161 R-TWT Announcement in Multi-BSS SunHee Baek
  + 24/0388 Impact of Network Topology on Coordinated R-TWT Qing Xia
  + 24/0407 R-TWT Multi-AP Coordination - Follow up Kumail Haider
  + [24/0284](https://mentor.ieee.org/802.11/dcn/24/11-24-0284-01-00bn-low-latency-low-collision-low-power-uhr-medium-access.pptx) Low lat., low collision, low power UHR medium access Sean Coffey
* AoB:
* Adjourn

### 9th Conf. Call: May 06 (19:00–21:00 ET)–MAC

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

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* + **Copyright Policy: Participants are advised that**
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    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
  + **Patent, Participation, Copyright 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 “TGbn <MAC/PHY/Joint> conference call that you are attending.
  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com)), Xiaofei Wang ([xiaofei.wang@interdigital.com](mailto:xiaofei.wang@interdigital.coma)) and Srinivas Kandala ([srini.k1@samsung.com](mailto:srini.k1@samsung.com))
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Roaming:
  + [24/0101](https://mentor.ieee.org/802.11/dcn/24/11-24-0101-00-00bn-mld-roaming.pptx) MLD Roaming Gabor Bajko
  + [24/0106](https://mentor.ieee.org/802.11/dcn/24/11-24-0106-00-00bn-seamless-roaming-consideration.pptx) Seamless Roaming Consideration Hitoshi MORIOKA
  + 23/2152 UHR Mobility Improvement Yonggang Fang
  + [24/0349](https://mentor.ieee.org/802.11/dcn/24/11-24-0349-01-00bn-enhanced-fast-bss-transition.pptx) Enhanced Fast BSS Transition Guogang Huang
  + 24/0396 Seamless roaming within a mobility domain - follow up Binita Gupta
* AoB:
* Adjourn

### 9th Conf. Call: May 06 (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
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    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
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* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
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  + If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Dongguk Lim ([dongguk.lim@lge.com](mailto:dongguk.lim@lge.com)), Sigurd Schelstraete ([sschelstraete@maxlinear.com](mailto:sschelstraete@maxlinear.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:
  + …
* AoB:
* Adjourn

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## Patent And Procedures

### Patent-related information

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

* IEEE-SA Standards Board Bylaws

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

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

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

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

### Participation in IEEE 802 Meetings

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

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

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

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

### Other guidelines for IEEE WG meetings

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

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

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

### 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

* **Error! Hyperlink reference not valid.**[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

* **Error! Hyperlink reference not valid.**[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>

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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>