IEEE P802.11
Wireless LANs

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| TGbn May to July 2024 teleconference agendas |
| Date: 2024-05-28 |
| 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 |
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Abstract

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

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Includes additional submissions requests and updates prior to first conf calls.
* Rev 2-3: Updated after the first conf call.
* Rev 4: Updated prior to the third 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

* **May 27 (Monday) Holiday**
* **May 30 (Thursday) – MAC/PHY 10:00-12:00 ET**
* **June 03 (Monday) – Joint 19:00-21:00 ET**
* **June 06 (Thursday) – MAC/PHY 10:00-12:00 ET**
* **June 10 (Monday) – MAC/PHY Holiday**
* **June 13 (Thursday) – MAC/PHY 10:00-12:00 ET**
* **June 17 (Monday) – MAC/PHY 19:00-21:00 ET**
* **June 20 (Thursday) – Joint 10:00-12:00 ET**
* **June 24 (Monday) – MAC/PHY 19:00-21:00 ET**
* **June 27 (Thursday) – MAC/PHY 10:00-12:00 ET**
* **July 01 (Monday) – Joint 19:00-21:00 ET**
* **July 04 (Thursday) Holiday**
* **July 08 (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

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| **DCN** | **Title** | **Author** | **Status** | **Topic** | **Session** |
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| **Submissions (First and Second Cut-Off)** |
| 23/2153 | UHR transmission reliability improvement | Yonggang Fang | Pending(July F2F) | Misc. | MAC |
| 24/0151 | Establishment of Security Key for Control frame | SunHee Baek | Presented | Security | MAC |
| 24/0264 | Timing Information Sharing for Next Generation WLANs | Peshal Nayak | Pending | Feedback | MAC |
| [24/0318](https://mentor.ieee.org/802.11/dcn/24/11-24-0318-00-00bn-robust-secondary-channel-access.pptx) | Robust Secondary Channel Access | Yanchun Li | Pending | DSO | MAC |
| [24/0384](https://mentor.ieee.org/802.11/dcn/24/11-24-0384-02-00bn-low-latency-based-on-l4s.pptx) | Low Latency Based on L4S | Yan Li | Presented | L4S | Joint |
| [24/0385](https://mentor.ieee.org/802.11/dcn/24/11-24-0385-00-00bn-discussion-on-11bn-relay-operation.pptx) | Discussion on 11bn Relay Operation | Kosuke Aio | Pending | Relay | MAC |
| [24/0386](https://mentor.ieee.org/802.11/dcn/24/11-24-0386-00-00bn-lower-mac-relay-follow-up.pptx) | Lower MAC Relay Follow-Up | Kiseon Ryu | Pending(July F2F) | Relay | MAC |
| [24/0387](https://mentor.ieee.org/802.11/dcn/24/11-24-0387-00-00bn-txop-sharing-for-c-bf-transmission.pptx) | TXOP Sharing for C-BF Transmission | Kiseon Ryu | Schedule after dec. on CBF | CBF | Joint |
| 24/0392 | Enhancements on Base-Channel Peer-to-peer (P2P) Communications | Rubayet Shafin | Pending | P2P | MAC |
| 24/0393 | Enhancements on Off-Channel Peer-to-peer (P2P) Communications | Rubayet Shafin | Pending | P2P | MAC |
| [24/0397](https://mentor.ieee.org/802.11/dcn/24/11-24-0397-00-00bn-support-for-end-to-end-qos.pptx) | Support for end-to-end QoS | Binita Gupta | Pending | QoS | MAC |
| [24/0403](https://mentor.ieee.org/802.11/dcn/24/11-24-0403-00-00bn-managed-on-channel-p2p-communication.pptx) | Managed on-channel P2P communication | Inaki Val | Pending | P2P | MAC |
| 24/0414 | Improving acknowledgment mechanisms | Alfred Asterjadhi | Pending | Acknowledgment | 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 |
| [24/0449](https://mentor.ieee.org/802.11/dcn/24/11-24-0449-02-00bn-considerations-on-dynamic-subchannel-operation-follow-up.pptx) | Considerations on Dynamic Subchannel Operation–Follow Up | Liuming Lu | Pending | DSO | MAC |
| [24/0463](https://mentor.ieee.org/802.11/dcn/24/11-24-0463-00-00bn-qos-enhancements-for-uhr.pdf) | QoS enhancements for UHR | Dibakar Das | Pending | QoS | MAC |
| 24/0487 | Some considerations on non-primary channel access | Ming Gan | Pending | NPCA | MAC |
| [24/0490](https://mentor.ieee.org/802.11/dcn/24/11-24-0490-00-00bn-discussion-on-control-frame-and-mac-header-protection.pptx) | Discussion on Control Frame and MAC Header Protection | Yunbo Li | Presented | Security | MAC |
| [24/0493](https://mentor.ieee.org/802.11/dcn/24/11-24-0493-02-00bn-dynamic-channel-switch-operation.pptx) | Dynamic channel switch operation | Liwen Chu | Pending | DSO | MAC |
| 24/0497 | Security enhancement (control frame protection) follow up | Liwen Chu | Presented | Control Security | MAC |
| 24/0502 | MAC header protection follow up | Liwen Chu | Presented | Header Security | MAC |
| 24/0517 | Preallocation of subband for DSO - follow up | Vishnu Ratnam | Pending | DSO | MAC |
| [24/0518](https://mentor.ieee.org/802.11/dcn/24/11-24-0518-01-00bn-troubleshootingmetricsfouhr.pptx) | Troubleshooting Metrics for UHR | Jerome Henry | Pending | Stats Reporting | MAC |
| [24/0519](https://mentor.ieee.org/802.11/dcn/24/11-24-0519-01-00bn-pingpongwarningforuhr.pptx) | Ping Pong Warning For UHR | Jerome Henry | Pending | Stats Reporting | MAC |
| [24/0525](https://mentor.ieee.org/802.11/dcn/24/11-24-0525-00-00bn-mac-header-data-integrity-with-relaxed-receiver-requirement.pptx)  | MAC header/data integrity with relaxed receiver requirement | Li-Hsiang Sun | Presented | Header Security | MAC |
| [[24/0](https://mentor.ieee.org/802.11/dcn/24/11-24-0530-00-00bn-indication-of-11bn-feature-set.pptx)837](https://mentor.ieee.org/802.11/dcn/24/11-24-0837-00-00bn-indication-of-use-case-in-11bn.pptx) | Indication of Use Case in 11bn | Akira Kishida | Presented | Misc. | Joint |
| 24/0531 | Buffer Status for Low Latency | Liangxiao Xin | Pending | Feedback | MAC |
| [24/0532](https://mentor.ieee.org/802.11/dcn/24/11-24-0532-00-00bn-wman-vs-wlan-tgbn.pptx) | WMAN vs WLAN TGbn | Carlos Rios | Pending (July F2F) | Misc. | Joint |
| 24/0535 | Trigger, BA, and BAR Protection follow up | Po-kai Huang | Pending(July F2F) | Security | 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](https://mentor.ieee.org/802.11/dcn/24/11-24-0547-00-00bn-secure-control-frames-follow-up.pptx) | Secure Control frames - Follow Up | Abhishek Patil  | Pending(July F2F) | Security | MAC |
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| [24/0399](https://mentor.ieee.org/802.11/dcn/24/11-24-0399-00-00bn-thoughts-on-l4s-in-wi-fi.pptx) | Thoughts on L4S in Wi-Fi  | Binita Gupta | Presented | L4S | 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 | Power Save | 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(July F2F) | 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 |
| [24/0577](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 | CSR | 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 | Power Save | 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 | Power Save | MAC |
| [24/0625](https://mentor.ieee.org/802.11/dcn/24/11-24-0625-00-00bn-thoughts-on-low-latency-traffic-transmission.pptx) | Thoughts on low latency traffic transmission | Ryota Yamada | Pending | Low Latency | 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](https://mentor.ieee.org/802.11/dcn/24/11-24-0639-00-00bn-mac-protocol-aspects-of-multi-ap-coordination.pptx) | MAC protocol aspects of multi-AP coordination | Sindhu Verma | Pending | MAP | Joint |
| [24/0640](https://mentor.ieee.org/802.11/dcn/24/11-24-0640-00-00bn-consideration-on-c-sr-types.pptx) | Consideration on C-SR Types | Jun Minotani | Pending | CSR | Joint |
| [24/0650](https://mentor.ieee.org/802.11/dcn/24/11-24-0650-01-00bn-a-case-for-opportunistic-relaying.pptx) | A case for opportunistic relaying | Bilal Sadiq | Pending | Relay | MAC |
| 24/0655 | Thoughts on SMD Roaming and FT Roaming | Binita Gupta | Pending | Roaming | MAC |
| [24/0668](https://mentor.ieee.org/802.11/dcn/24/11-24-0668-01-00bn-data-forwarding-within-txop-for-xr-use-cases.pptx) | Data-forwarding-within-TXOP-for-XR-use-cases | Seongho Byeon | Pending | Miscellaneous | MAC |
| [24/0670](https://mentor.ieee.org/802.11/dcn/24/11-24-0670-00-00bn-different-view-problems-of-npca.pptx) | Different view problems of NPCA | Shawn Kim | Pending | NPCA | MAC |
| [24/0671](https://mentor.ieee.org/802.11/dcn/24/11-24-0671-00-00bn-enhancements-on-ap-power-save.pptx) | Enhancements on AP Power Save | Shawn Kim | Pending | Power Save | MAC |
| 24/0675 | In-device Co-ex and P2P--Follow up | Rubayet Shafin | Pending | Coex | MAC |
| 24/0676 | Peer-to-peer TWT for Handling Co-ex/P2P | Rubayet Shafin | Pending | Coex | MAC |
| 24/0677 | TWT Information Sharing in MAP Operation | Rubayet Shafin | Pending | MAP | MAC |
| 24/0678 | Coordinated R-TWT--Follow-Up | Rubayet Shafin | Pending | C-RTWT | MAC |
| [24/0679](https://mentor.ieee.org/802.11/dcn/24/11-24-0679-00-00bn-thoughts-on-functionality-and-security-architecture-for-uhr-seamless-roaming.pptx) | Thoughts on Functionality and Security Architecture for UHR Seamless Roaming | Thomas Derham | Pending | Roaming | MAC |
| [24/0686](https://mentor.ieee.org/802.11/dcn/24/11-24-0686-00-00bn-sta-initiated-txop-sharing-via-unicast-cf-end.pptx) | STA initiated TXOP Sharing via Unicast CF-End | Pei Zhou | Pending | TXOP Sharing | MAC |
| 24/0694 | Cross-link PS state indication | Vishnu Ratnam | Pending | Power Save | MAC |
| 24/0715 | Multi-Link-SM-Power-Save-Mode-follow-up | Jason Y. Guo | Pending | Power Save | MAC |
| [24/0716](https://mentor.ieee.org/802.11/dcn/24/11-24-0716-00-00bn-buffer-status-report-in-multi-ap-follow-up.pptx) | Buffer Status Report in Multi-AP – Follow Up | Pei Zhou | Pending | MAP | Joint |
| 24/0719 | MAP Set operation  | Jay Yang | Pending | MAP | Joint |
| [24/0720](https://mentor.ieee.org/802.11/dcn/24/11-24-0720-00-00bn-map-co-cac-follow-up.pptx) | MAP co-CAC follow up | Jay Yang | Pending | MAP | Joint |
| 24/0733 | Considerations for Low Latency Application Support in Next Generation WLANs | Peshal Nayak | Pending | Low Latency | MAC |
| [24/0737](https://mentor.ieee.org/802.11/dcn/24/11-24-0737-00-00bn-cross-link-wake-up-to-go-deeper-in-power-save.pptx) | Cross-link Wake-up to Go Deeper in Power Save | Yuxin Lu | Pending | Power Save | MAC |
| [24/0740](https://mentor.ieee.org/802.11/dcn/24/11-24-0740-00-00bn-time-domain-a-ppdu-for-collision-reduction-and-priority-access.pptx) | Time-domain A-PPDU for Collision Reduction and Priority Access | Ning Gao | Pending | Channel Access | Joint |
| [24/0757](https://mentor.ieee.org/802.11/dcn/24/11-24-0757-00-00bn-sta-assisted-multi-ap-transmission-scheme-selection.pptx) | STA-assisted Multi-AP Transmission Scheme Selection | Ke Zhong | Pending | MAP | Joint |
| [24/0772](https://mentor.ieee.org/802.11/dcn/24/11-24-0772-00-00bn-csma-collision-analysis.pptx) | CSMA Collision analysis | Sigurd Schelstraete | Pending | Channel Access | Joint |
| [24/0773](https://mentor.ieee.org/802.11/dcn/24/11-24-0773-00-00bn-csma-with-enhanced-collision-avoidance.pptx) | CSMA with enhanced Collision Avoidance | Sigurd Schelstraete | Pending | Channel Access | Joint |
| 24/0778 | NC MLO operation issues | Michael Montemurro | Pending | Roaming | MAC |
| [24/0782](https://mentor.ieee.org/802.11/dcn/24/11-24-0782-00-00bn-ap-power-saving.pptx) | AP power saving | Chaoming Luo | Pending | Power Save | MAC |
| [24/0783](https://mentor.ieee.org/802.11/dcn/24/11-24-0783-00-00bn-non-ap-sta-triggered-dso.pptx) | Non AP STA Triggered DSO | Chaoming Luo | Pending | DSO | MAC |
| 24/0791  | NPCA for Low Latency | Liangxiao Xin | Pending | NPCA | MAC |
| [24/0797](https://mentor.ieee.org/802.11/dcn/24/11-24-0797-00-00bn-operating-mode-request.pptx) | Operating Mode Request | Yongsen Ma | Pending | Miscellaneous | MAC |
| [24/0802](https://mentor.ieee.org/802.11/dcn/24/11-24-0802-00-00bn-discussion-on-npca-and-sr.pptx) | Discussion on NPCA and SR | Yunbo Li | Pending | NPCA | MAC |
| [24/0803](https://mentor.ieee.org/802.11/dcn/24/11-24-0803-00-00bn-the-switching-time-in-npca.pptx) | The switching time in NPCA | Yunbo Li | Pending | NPCA | MAC |
| [24/0804](https://mentor.ieee.org/802.11/dcn/24/11-24-0804-00-00bn-the-transmission-of-preemption-request-frame.pptx) | The transmission of preemption request frame | Yunbo Li | Pending | Preemption | MAC |
| [24/0811](https://mentor.ieee.org/802.11/dcn/24/11-24-0811-00-00bn-overlapped-indication-for-aperiodic-low-latency-traffic.pptx) | Overlapped-indication-for\_aperiodic-Low-latency-traffic | Daniel Verenzuela | Pending | Low Latency | Joint |
| 24/0813 | Discussions on AP Power Save | Yongsen Ma | Pending | Power Save | MAC |
| 24/0817 | Opportunistic Transmission in C-TDMA | Taeyoung Ha | Pending | C-TDMA | MAC |
| [24/0818](https://mentor.ieee.org/802.11/dcn/24/11-24-0818-01-00bn-low-latency-flow-treatment-triggered-by-upper-layer-including-ecn-indicators.pptx) | Low latency flow treatment triggered by upper-layer (including ECN) indicators | Maulik Vaidya | Pending | QoS | MAC |
| 24/0818 | Multi-link In-device Coexistence Management | Juseong Moon | Pending | Coexistence | MAC |
| 24/0819 | TWT for relay | Li Yan | Pending | Relay | MAC |
| 24/0820 | SCS proxy for relay | Li Yan | Pending | Relay | MAC |
| [24/0827](https://mentor.ieee.org/802.11/dcn/24/11-24-0827-00-00bn-obss-interference-impact-on-cr-twt-and-enhanced-channel-access-rules.pptx) | obss-interference-impact-on-cr-twt-and-enhanced-channel-access-rules | Qing Xia | Pending | C-RTWT | MAC |
| 24/0829  | Further Considerations on Non-Primary Channel Access | Jeongki Kim  | Pending | NPCA | MAC |
| [24/0830](https://mentor.ieee.org/802.11/dcn/24/11-24-0830-00-00bn-improve-roaming-between-mlds-follow-up.pptx) | Improve roaming between MLDs follow up | Po Kai Huang | Pending | Roaming | MAC |
| 24/0831 | Periodic IDC use cases and considerations for signaling | Hongwon Lee | Pending | Coexistence | MAC |
| 24/0834 | Some Details on In-Device Coexistence | Insun Jang | Pending | Coexistence | MAC |
| 24/0838 | Backhaul Design and Channel Setting for Multi-AP  | Kosuke Aio | Pending | MAP | Joint |
| 24/0839 | System-Level Evaluation of Coordinated Spatial Reuse | Kosuke Aio | Pending | CSR | Joint  |
| [24/0840](https://mentor.ieee.org/802.11/dcn/24/11-24-0840-00-00bn-hip-edca-proposal.pptx) | hip-edca-proposal | Akhmetov, Dmitry | Pending | Channel Access | MAC |
| [24/0844](https://mentor.ieee.org/802.11/dcn/24/11-24-0844-00-00bn-padding-time-in-dynamic-power-save.pptx) | Padding Time in Dynamic Power Save | Maolin Zhang | Pending | Power Save | MAC |
| 24/0848 | Adapted trigger-based uplink transmission follow up | Ming Gan | Pending | Multi User | Joint |
| [24/0850](https://mentor.ieee.org/802.11/dcn/24/11-24-0850-00-00bn-txop-bandwidth-expansion-related-to-secondary-channel-access.pptx) | TXOP-bandwidth-expansion-related-to-secondary-channel-access | Jerome Gu | Pending | NPCA | MAC |
| [24/0852](https://mentor.ieee.org/802.11/dcn/24/11-24-0852-00-00bn-timely-transmission-of-low-latency-traffic-with-reduced-preemption-occurance.pptx) | Timely-transmission-of-low-latency-traffic-with-reduced-preemption-occurance | Jerome Gu | Pending | Preemption | MAC |
| 24/0857 | ICR consideration | Liwen Chu | Pending | Coexistence | MAC |
| 24/0858 | NPCA and virtual APs | Liwen Chu | Pending | NPCA | MAC |
| 24/0862 | Reliable Transmission in ML TWT for UHR | Jeongki Kim  | Pending(July F2F) | Miscellaneous | MAC |
| [24/0866](https://mentor.ieee.org/802.11/dcn/24/11-24-0866-00-00bn-preemption-for-c-tdma.pptx) | Preemption for C-TDMA | Jiayi Zhang | Pending | C-TDMA | MAC |
| [24/0868](https://mentor.ieee.org/802.11/dcn/24/11-24-0868-00-00bn-additional-considerations-on-non-primary-channel-access.pptx) | Additional Considerations on Non-Primary Channel Access | Leonardo Lanante | Pending | NPCA | MAC |
| 24/0870 | Further Considerations on Preemption | Serhat Erkucuk | Pending | Preemption | MAC |
| [24/0880](https://mentor.ieee.org/802.11/dcn/24/11-24-0880-00-00bn-cbf-recap-and-way-forward.pptx) | CBF Recap and Way Forward | Okan Mutgan | Pending | CBF | Joint |
| 24/0881 | Improving Stability during Roaming Process | Tuncer Baykas | Pending | Roaming | MAC |
| 24/0887 | Consideration on Relay operation for 11bn | Liuming Lu | Pending | Relay | MAC |
| 24/0888 | Trigger-based spatial reuse and P2P transmission | Liuming Lu | Pending | SR | MAC |
| [24/0889](https://mentor.ieee.org/802.11/dcn/24/11-24-0889-00-00bn-interference-mitigation-for-improved-reliability-link-adaptation-perspective.pptx) | Interference Mitigation for Improved Reliability  | Rani Keren | Pending | Interference Mitigation | PHY |
| 24/0890 | Unequal pattern discussion | Ross Jian Yu | Pending | UEQM | PHY |
| [24/0892](https://mentor.ieee.org/802.11/dcn/24/11-24-0892-00-00bn-integrating-wur-into-11bn.pptx) | Integrating WUR into 11bn | Ying Wang | Pending | Power Save | Joint |
| **Third Cut-Off (Received after Sunday, May 12, 2024 Deadline)** |
| [24/0067](https://mentor.ieee.org/802.11/dcn/24/11-24-0067-01-00bn-range-expansion-via-repeated-transmission.pptx) | Range Expansion via Repeated Transmission | Nima Namvar | Pending | Relay | MAC |
| 24/0833 | Dynamic Power Saving for AP | GeonHwan Kim | Pending | Power Save | MAC |
| [24/0924](https://mentor.ieee.org/802.11/dcn/24/11-24-0924-00-00bn-initial-discussion-on-possible-ldpc-improvements-in-wlan.pptx) | Initial Discussion on Possible LDPC Improvements in WLAN | Wei Lin | Pending | LDPC | PHY |
| [24/0941](https://mentor.ieee.org/802.11/dcn/24/11-24-0941-00-00bn-txop-sharing-group-shared-ap-selection.pptx) | TXOP Sharing Group - Shared AP Selection | Klaus Doppler | Pending | MAP | Joint |
| [24/0488](https://mentor.ieee.org/802.11/dcn/24/11-24-0488-01-00bn-sta-assisted-calibration-for-multi-ap-coordination.pptx) | STA-assisted Calibration for Multi-AP Coordination | Ke Zhong | Pending | MAP | PHY |
| [24/0734](https://mentor.ieee.org/802.11/dcn/24/11-24-0734-01-00bn-on-ueqm-and-ueq-mcs.pptx) | On UEQM and UEQ-MCS | Ron Porat | Pending | UEQM | PHY |
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| **Pending SPs (work in progress)** |
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| End Of Queue |
| Notes: Not Uploaded – Document was not present in the server 24 hours prior to the scheduled conference call/session and no request was received for re-scheduling/postponing. |

## Teleconference Agendas

### 1st Conf. Call: May 30 (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); 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 Srinivas Kandala (srini.k1@samsung.com), Jeongki Kim (jeongki.kim.ieee@gmail.com), and Xiaofei Wang (xiaofei.wang@interdigital.com)
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Security + Miscellaneous:
	+ [24/0151](https://mentor.ieee.org/802.11/dcn/24/11-24-0151-00-00bn-establishment-of-security-key-for-control-frame.pptx) Establishment of Security Key for Control frame SunHee Baek
	+ [24/0490](https://mentor.ieee.org/802.11/dcn/24/11-24-0490-00-00bn-discussion-on-control-frame-and-mac-header-protection.pptx) Discussion on Control Frame and MAC Header Protection Yunbo Li
	+ [24/0497](https://mentor.ieee.org/802.11/dcn/24/11-24-0497-00-00bn-security-enhancement-control-frame-protection-follow-up.pptx) Security enhancement (control frame protection) follow up Liwen Chu
	+ [24/0502](https://mentor.ieee.org/802.11/dcn/24/11-24-0502-00-00bn-mac-header-protection-follow-up.pptx) MAC header protection follow up Liwen Chu
	+ [24/0525](https://mentor.ieee.org/802.11/dcn/24/11-24-0525-00-00bn-mac-header-data-integrity-with-relaxed-receiver-requirement.pptx) MAC header/data integrity with relaxed RXer requirement Li-Hsiang Sun
	+ 24/0535 Trigger, BA, and BAR Protection follow up Po-kai Huang
	+ [24/0547](https://mentor.ieee.org/802.11/dcn/24/11-24-0547-00-00bn-secure-control-frames-follow-up.pptx) Secure Control frames - Follow Up Abhishek Patil
	+ [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
	+ [24/0668](https://mentor.ieee.org/802.11/dcn/24/11-24-0668-01-00bn-data-forwarding-within-txop-for-xr-use-cases.pptx) Data-forwarding-within-TXOP-for-XR-use-cases Seongho Byeon
	+ [24/0797](https://mentor.ieee.org/802.11/dcn/24/11-24-0797-00-00bn-operating-mode-request.pptx) Operating Mode Request Yongsen Ma
* AoB:
* Adjourn

### 1st Conf. Call: May 30 (10:00–12:00 ET)–PHY

* **CANCELLED**

### 2nd Conf. Call: June 03 (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); 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 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: None.
* Technical Submissions-L4S + Misc. + MAP part 1:
	+ [24/0384](https://mentor.ieee.org/802.11/dcn/24/11-24-0384-02-00bn-low-latency-based-on-l4s.pptx) Low Latency Based on L4S Yan Li
	+ [24/0399](https://mentor.ieee.org/802.11/dcn/24/11-24-0399-00-00bn-thoughts-on-l4s-in-wi-fi.pptx) Thoughts on L4S in Wi-Fi Binita Gupta
	+ [24/0837](https://mentor.ieee.org/802.11/dcn/24/11-24-0837-00-00bn-indication-of-use-case-in-11bn.pptx) Indication of Use Case in 11bn\* Akira Kishida
	+ [~~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~~
	+ [~~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~~
	+ [24/0639](https://mentor.ieee.org/802.11/dcn/24/11-24-0639-00-00bn-mac-protocol-aspects-of-multi-ap-coordination.pptx) MAC protocol aspects of multi-AP coordination Sindhu Verma
* AoB:
	+ Some discussions on whether extending the upload time of submissions from the current 24-hour guideline to more (e.g., 48-hour). Additional suggestions/thoughts to be sent to chair via e-mail.
* Adjourn

\*Author requested to present 24/837 instead of 24/530. Message from the two presos does not differ significantly.

### 3rd Conf. Call: June 06 (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); or
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* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please record your attendance during the conference call by using the IMAT system:
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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 Srinivas Kandala (srini.k1@samsung.com), Jeongki Kim (jeongki.kim.ieee@gmail.com), and Xiaofei Wang (xiaofei.wang@interdigital.com)
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions- Miscellaneous+DSO part 1:
	+ [24/0525](https://mentor.ieee.org/802.11/dcn/24/11-24-0525-01-00bn-mac-header-data-integrity-with-relaxed-receiver-requirement.pptx) MAC header/data integrity with relaxed RXer req. Li-Hsiang Sun [Q&A]
	+ [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
	+ [24/0668](https://mentor.ieee.org/802.11/dcn/24/11-24-0668-01-00bn-data-forwarding-within-txop-for-xr-use-cases.pptx) Data-forwarding-within-TXOP-for-XR-use-cases Seongho Byeon
	+ [24/0797](https://mentor.ieee.org/802.11/dcn/24/11-24-0797-00-00bn-operating-mode-request.pptx) Operating Mode Request Yongsen Ma
	+ [24/0318](https://mentor.ieee.org/802.11/dcn/24/11-24-0318-00-00bn-robust-secondary-channel-access.pptx) Robust Secondary Channel Access Yanchun Li
	+ [24/0449](https://mentor.ieee.org/802.11/dcn/24/11-24-0449-02-00bn-considerations-on-dynamic-subchannel-operation-follow-up.pptx) Considerations on DSO–Follow Up Liuming Lu
* AoB:
* Adjourn

### 3rd Conf. Call: June 06 (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); or
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* Attendance reminder.
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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 Tianyu Wu (tianyu@apple.com), Dongguk Lim (dongguk.lim@lge.com), and Sigurd Schelstraete (sschelstraete@maxlinear.com))
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Miscellaneous:
	+ [24/0889](https://mentor.ieee.org/802.11/dcn/24/11-24-0889-00-00bn-interference-mitigation-for-improved-reliability-link-adaptation-perspective.pptx) Interference Mitigation for Improved Reliability Rani Keren
	+ [24/0924](https://mentor.ieee.org/802.11/dcn/24/11-24-0924-00-00bn-initial-discussion-on-possible-ldpc-improvements-in-wlan.pptx) Initial Discussion on Possible LDPC Improvements in WLAN Wei Lin
	+ [24/0488](https://mentor.ieee.org/802.11/dcn/24/11-24-0488-01-00bn-sta-assisted-calibration-for-multi-ap-coordination.pptx) STA-assisted Calibration for Multi-AP Coordination Ke Zhong
	+ [24/0734](https://mentor.ieee.org/802.11/dcn/24/11-24-0734-01-00bn-on-ueqm-and-ueq-mcs.pptx) On UEQM and UEQ-MCS Ron Porat
* AoB:
* Adjourn

### 4th Conf. Call: June 13 (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); 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>
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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 Srinivas Kandala (srini.k1@samsung.com), Jeongki Kim (jeongki.kim.ieee@gmail.com), and Xiaofei Wang (xiaofei.wang@interdigital.com)
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-DSO part 2:
	+ [24/0318](https://mentor.ieee.org/802.11/dcn/24/11-24-0318-00-00bn-robust-secondary-channel-access.pptx) Robust Secondary Channel Access Yanchun Li
	+ [24/0449](https://mentor.ieee.org/802.11/dcn/24/11-24-0449-02-00bn-considerations-on-dynamic-subchannel-operation-follow-up.pptx) Considerations on DSO–Follow Up Liuming Lu
	+ [24/0493](https://mentor.ieee.org/802.11/dcn/24/11-24-0493-02-00bn-dynamic-channel-switch-operation.pptx) Dynamic channel switch operation Liwen Chu
	+ 24/0517 Preallocation of subband for DSO - follow up Vishnu Ratnam
	+ [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
	+ [24/0783](https://mentor.ieee.org/802.11/dcn/24/11-24-0783-00-00bn-non-ap-sta-triggered-dso.pptx) Non AP STA Triggered DSO Chaoming Luo
* AoB:
* Adjourn

### 4th Conf. Call: June 13 (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); or
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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 Tianyu Wu (tianyu@apple.com), Dongguk Lim (dongguk.lim@lge.com), and Sigurd Schelstraete (sschelstraete@maxlinear.com))
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Topic(s):
	+ …
* AoB:
* Adjourn

### 5th Conf. Call: June 17 (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); or
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* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please record your attendance during the conference call by using the IMAT system:
		- 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “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 Srinivas Kandala (srini.k1@samsung.com), Jeongki Kim (jeongki.kim.ieee@gmail.com), and Xiaofei Wang (xiaofei.wang@interdigital.com)
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Feedback + Relay Part 1:
	+ 24/0264 Timing Information Sharing for Next Generation WLANs Peshal Nayak
	+ 24/0531 Buffer Status for Low Latency Liangxiao Xin
	+ [24/0385](https://mentor.ieee.org/802.11/dcn/24/11-24-0385-00-00bn-discussion-on-11bn-relay-operation.pptx) Discussion on 11bn Relay Operation Kosuke Aio
	+ [24/0650](https://mentor.ieee.org/802.11/dcn/24/11-24-0650-01-00bn-a-case-for-opportunistic-relaying.pptx) A case for opportunistic relaying Bilal Sadiq
* AoB:
* Adjourn

### 5th Conf. Call: June 17 (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); 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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		- 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 Tianyu Wu (tianyu@apple.com), Dongguk Lim (dongguk.lim@lge.com), and Sigurd Schelstraete (sschelstraete@maxlinear.com))
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Topic(s):
	+ …
* AoB:
* Adjourn

### 6th Conf. Call: June 20 (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); 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-MAP Part 2:
	+ [24/0837](https://mentor.ieee.org/802.11/dcn/24/11-24-0837-00-00bn-indication-of-use-case-in-11bn.pptx) Indication of Use Case in 11bn\* Akira Kishida [SP only]
	+ [24/0639](https://mentor.ieee.org/802.11/dcn/24/11-24-0639-00-00bn-mac-protocol-aspects-of-multi-ap-coordination.pptx) MAC protocol aspects of multi-AP coordination Sindhu Verma
	+ [24/0716](https://mentor.ieee.org/802.11/dcn/24/11-24-0716-00-00bn-buffer-status-report-in-multi-ap-follow-up.pptx) Buffer Status Report in Multi-AP – Follow Up Pei Zhou
	+ [24/0719](https://mentor.ieee.org/802.11/dcn/24/11-24-0719-00-00bn-map-set-operation.pptx) MAP Set operation Jay Yang
	+ [24/0720](https://mentor.ieee.org/802.11/dcn/24/11-24-0720-00-00bn-map-co-cac-follow-up.pptx) MAP co-CAC follow up Jay Yang
	+ [24/0757](https://mentor.ieee.org/802.11/dcn/24/11-24-0757-00-00bn-sta-assisted-multi-ap-transmission-scheme-selection.pptx) STA-assisted Multi-AP Transmission Scheme Selection Ke Zhong
	+ 24/0838 Backhaul Design and Channel Setting for Multi-AP Kosuke Aio
* AoB:
* Adjourn

### 7th Conf. Call: June 24 (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); 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 Srinivas Kandala (srini.k1@samsung.com), Jeongki Kim (jeongki.kim.ieee@gmail.com), and Xiaofei Wang (xiaofei.wang@interdigital.com)
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Relay part 2 + P2P:
	+ 24/0819 TWT for relay Li Yan
	+ 24/0820 SCS proxy for relay Li Yan
	+ 24/0887 Consideration on Relay operation for 11bn Liuming Lu
	+ 24/0392 Enhancements on Base-Channel P2P Communications Rubayet Shafin
	+ 24/0393 Enhancements on Off-Channel P2P Communications Rubayet Shafin
	+ [24/0403](https://mentor.ieee.org/802.11/dcn/24/11-24-0403-00-00bn-managed-on-channel-p2p-communication.pptx) Managed on-channel P2P communication Inaki Val
* AoB:
* Adjourn

### 7th Conf. Call: June 24 (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); 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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		- 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 Tianyu Wu (tianyu@apple.com), Dongguk Lim (dongguk.lim@lge.com), and Sigurd Schelstraete (sschelstraete@maxlinear.com))
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Topic(s):
	+ …
* AoB:
* Adjourn

### 8th Conf. Call: June 27 (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); 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 Srinivas Kandala (srini.k1@samsung.com), Jeongki Kim (jeongki.kim.ieee@gmail.com), and Xiaofei Wang (xiaofei.wang@interdigital.com)
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-QoS + NPCA Part 1:
	+ [24/0397](https://mentor.ieee.org/802.11/dcn/24/11-24-0397-00-00bn-support-for-end-to-end-qos.pptx) Support for end-to-end QoS Binita Gupta
	+ [24/0463](https://mentor.ieee.org/802.11/dcn/24/11-24-0463-00-00bn-qos-enhancements-for-uhr.pdf) QoS enhancements for UHR Dibakar Das
	+ [24/0818](https://mentor.ieee.org/802.11/dcn/24/11-24-0818-02-00bn-low-latency-flow-treatment-triggered-by-upper-layer-including-ecn-indicators.pptx) Low latency flow treatment triggered by upper-layer (including ECN) indicators Maulik Vaidya
	+ 24/0487 Some considerations on non-primary channel access Ming Gan
	+ [24/0670](https://mentor.ieee.org/802.11/dcn/24/11-24-0670-00-00bn-different-view-problems-of-npca.pptx) Different view problems of NPCA Shawn Kim
* AoB:
* Adjourn

### 8th Conf. Call: June 27 (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); 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 Tianyu Wu (tianyu@apple.com), Dongguk Lim (dongguk.lim@lge.com), and Sigurd Schelstraete (sschelstraete@maxlinear.com))
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Topic(s):
	+ …
* AoB:
* Adjourn

### 9th Conf. Call: July 01 (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); 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-CSR+Channel Access:
	+ [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
	+ [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) CSR and Coordinated Spatial Nulling Follow-Up Rainer Strobel
	+ [24/0640](https://mentor.ieee.org/802.11/dcn/24/11-24-0640-00-00bn-consideration-on-c-sr-types.pptx) Consideration on C-SR Types Jun Minotani
	+ 24/0839 System-Level Evaluation of Coordinated Spatial Reuse Kosuke Aio
	+ [24/0740](https://mentor.ieee.org/802.11/dcn/24/11-24-0740-00-00bn-time-domain-a-ppdu-for-collision-reduction-and-priority-access.pptx) Time-domain A-PPDU for Col. Red. and Priority Access Ning Gao
	+ [24/0772](https://mentor.ieee.org/802.11/dcn/24/11-24-0772-00-00bn-csma-collision-analysis.pptx) CSMA Collision analysis Sigurd Schelstraete
	+ [24/0773](https://mentor.ieee.org/802.11/dcn/24/11-24-0773-00-00bn-csma-with-enhanced-collision-avoidance.pptx) CSMA with enhanced Collision Avoidance Sigurd Schelstraete
* AoB:
* Adjourn

### 10th Conf. Call: July 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); 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 Srinivas Kandala (srini.k1@samsung.com), Jeongki Kim (jeongki.kim.ieee@gmail.com), and Xiaofei Wang (xiaofei.wang@interdigital.com)
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-NPCA Part 2 + Statistics Reporting:
	+ 24/0791 NPCA for Low Latency Liangxiao Xin
	+ [24/0802](https://mentor.ieee.org/802.11/dcn/24/11-24-0802-00-00bn-discussion-on-npca-and-sr.pptx) Discussion on NPCA and SR Yunbo Li
	+ [24/0803](https://mentor.ieee.org/802.11/dcn/24/11-24-0803-00-00bn-the-switching-time-in-npca.pptx) The switching time in NPCA Yunbo Li
	+ 24/0829 Further Considerations on Non-Primary Channel Access Jeongki Kim
	+ [24/0518](https://mentor.ieee.org/802.11/dcn/24/11-24-0518-01-00bn-troubleshootingmetricsfouhr.pptx) Troubleshooting Metrics for UHR Jerome Henry
	+ [24/0519](https://mentor.ieee.org/802.11/dcn/24/11-24-0519-01-00bn-pingpongwarningforuhr.pptx) Ping Pong Warning For UHR Jerome Henry
* AoB:
* Adjourn

### 10th Conf. Call: July 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); or
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* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
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	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions-Topic(s):
	+ …
* 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**

### Participation in IEEE 802 Meetings

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

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

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

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

### Other guidelines for IEEE WG meetings

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

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

### 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

* [http:/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:/s**[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>