IEEE P802.11  
Wireless LANs

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| TGbn July to Sept 2024 teleconference agendas | | | | |
| Date: 2024-08-06 | | | | |
| Author(s): | | | | |
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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 1-2: Updated prior to the first conf call. Includes deferral/rearrangements requests.
* Rev 3: Updated after the first conf call.
* Rev 4-5: Updated after the second conf call, including addition of new submission requests. PHY conf call of August 5th is cancelled. Roaming presos from 4th conf call moved to 3rd conf call to fill the agenda time.
* Rev 6-7: Updated after the third, fourth and fifth conf calls.
* Rev 8-9: Updated prior to the 6th conf call, including new submission requests and updated links.
* Rev 10: Updated after the 6th conf call, including new submission requests and updated links.
* Rev 11: Updated after the 7th conf call, including new submission requests and updated links.

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| **TG Chair:** Alfred Asterjadhi (Qualcomm Technologies, 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

* **July 22-26 (Monday-Friday) Holiday**
* **July 29 (Monday) – MAC\* 19:00-21:00 ET**
* **August 01 (Thursday) – Joint 10:00-12:00 ET**
* **August 05 (Monday) – MAC/PHY 19:00-21:00 ET**
* **August 08 (Thursday) – MAC\* 10:00-12:00 ET**
* **August 12 (Monday) – Joint 19:00-21:00 ET**
* **August 15 (Thursday) Holiday**
* **August 19 (Monday) – MAC\* 19:00-21:00 ET**
* **August 22 (Thursday) – MAC\* 10:00-12:00 ET**
* **August 26 (Monday) – MAC\* 19:00-21:00 ET**
* **August 29 (Thursday) – Joint 10:00-12:00 ET**
* **September 02-06 (Monday-Friday) Holiday**

\* We may add additional PHY ad-hoc telcos if there are pending submissions in the PHY queue.

**We’ll use the following bridges:**

* Bridge for **JOINT and MAC: Webex meeting:** See *e-mail sent to reflector*
  + Meeting number: *Please refer to e-mail sent to reflector.*
  + Meeting password: wireless
* Bridge for **PHY:** **Webex meeting:** 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** |
|  | | | | | |
| **Submissions (First Cut-Off)** | | | | | |
| ~~23/2153~~ | ~~UHR transmission reliability improvement~~ | ~~Yonggang Fang~~ | ~~Not Uploaded~~ | ~~Miscellaneous~~ | ~~MAC~~ |
| 24/0535 | Trigger, BA, and BAR Protection follow up | Po-kai Huang | Pending | Security | 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 | Security | 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 | Presented | Low Latency | MAC |
| 24/0655 | Thoughts on SMD Roaming and FT Roaming | Binita Gupta | Pending | Roaming | MAC |
| 24/0677 | TWT Information Sharing in MAP Operation | Rubayet Shafin | Deferred | MAP | MAC |
| 24/0678 | Coordinated R-TWT--Follow-Up | Rubayet Shafin | Deferred | 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 | Presented | TXOP Sharing | MAC |
| 24/0733 | Considerations for Low Latency Application Support in Next Generation WLANs | Peshal Nayak | Presented | 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 |
| [24/0778](https://mentor.ieee.org/802.11/dcn/24/11-24-0778-00-00bn-nc-mlo-operation-issues.pptx) | NC MLO operation issues | Michael Montemurro | Presented | 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 |
| [24/0802](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 | Presented | 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 | Presented | NPCA | 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 |
| 24/0820 | 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 | Presented | C-RTWT | 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 | Presented | Roaming | 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 | Presented | 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 |
| [24/0858](https://mentor.ieee.org/802.11/dcn/24/11-24-0858-00-00bn-npca-and-virtual-aps.pptx) | NPCA and virtual APs | Liwen Chu | Pending | NPCA | MAC |
| 24/0862 | Reliable Transmission in ML TWT for UHR | Jeongki Kim | Presented | 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](https://mentor.ieee.org/802.11/dcn/24/11-24-0870-00-00bn-further-considerations-on-preemption.pptx) | 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 | Presented | CBF | Joint |
| 24/0881 | Improving Stability during Roaming Process | Tuncer Baykas | Presented | Roaming | MAC |
| 24/0888 | Trigger-based spatial reuse and P2P transmission | Liuming Lu | Pending | SR | MAC |
| [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 | Presented | Power Save | Joint |
| \*Skipped Power Save since we already dedicated 3 MAC sessions to it during the July F2F meeting. | | | | | |
| **Submissions (Second Cut-Off )** | | | | | |
| [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 |
| 24/0660 | Dynamic QoS profiles with SCS | Binita Gupta | Pending | QoS | MAC |
| 24/0729 | Thoughts on preemption | Binita Gupta | Pending | Preemption | MAC |
| [24/0730](https://mentor.ieee.org/802.11/dcn/24/11-24-0730-00-00bn-flow-control-over-the-air.pptx) | Flow control over the air | Peter STEPHENSON | Presented | Miscellaneous | MAC |
| 24/0742 | OBSS TWT management for MAP | VIGER Pascal | Pending | C-rTWT | MAC |
| 24/0815 | Dynamic bandwidth selection signaling details | Binita Gupta | Pending | Miscellaneous | MAC |
| 24/0842 | Multi-AP set configuration for C-TDMA | GeonHwan Kim | Pending | C-TDMA | MAC |
| 24/0843 | Some details on TXOP sharing in C-TDMA | GeonHwan Kim | Pending | C-TDMA | MAC |
| 24/0874 | Discussion on Terminology: sharing and shared AP | Xiaofei Wang | Presented | MAP | MAC |
| 24/0934 | Seamless roaming based on FT protocol | Jay Yang | Presented | Roaming | MAC |
| 24/0949 | Service Period based Dynamic Subband Operation | Seongho Byeon | Pending | DSO | MAC |
| [24/0981](https://mentor.ieee.org/802.11/dcn/24/11-24-0981-00-00bn-considerations-on-npca-for-reliability.pptx) | Considerations on NPCA for reliability | Si-Chan Noh | Pending | NPCA | MAC |
| 24/1013 | Bidirectional TXOP Sharing | Juseong Moon | Presented | TXOP Sharing | MAC |
| 24/1016 | C-TDMA follow-up: Additional details on framing sequence | Sanket Kalamkar | Pending | C-TDMA | MAC |
| 24/1017 | Mechanism for TXOP Return in C-TDMA | Sanket Kalamkar | Pending | C-TDMA | MAC |
| 24/1038 | Channel Sounding for UHR Relay | Pei Zhou | Presented | Sounding | Joint |
| [24/1057](https://mentor.ieee.org/802.11/dcn/24/11-24-1057-00-00bn-thoughts-on-roaming-for-11bn.pptx) | Thoughts on Roaming for 11bn | Kyosuke Inoue | Presented | Roaming | MAC |
| [24/1058](https://mentor.ieee.org/802.11/dcn/24/11-24-1058-00-00bn-discussion-on-aspects-in-dru-operation.pptx) | Discussion on aspects in DRU operation | Arik Klein | Pending | DRU | Joint |
| 24/1071 | LPI PPDU Puncturing | Pelin Salem | Pending | Miscellaneous | PHY |
| [24/1074](https://mentor.ieee.org/802.11/dcn/24/11-24-1074-00-00bn-preemption-txop.pptx) | Preemption TXOP | Yuxin Lu | Pending | Preemption | MAC |
| [24/1075](https://mentor.ieee.org/802.11/dcn/24/11-24-1075-00-00bn-map-coordination-follow-up.pptx) | MAP coordination follow up | Jay Yang | Presented | MAP | MAC |
| 24/1076 | Some thoughts on preemption | Jay Yang | Pending | Preemption | MAC |
| 24/1077 | Discussions on Non-Primary Channel Access | Jason Y. Guo | Pending | NPCA | MAC |
| [24/1081](https://mentor.ieee.org/802.11/dcn/24/11-24-1081-00-00bn-considerations-on-npca.pptx) | Considerations on NPCA | Maolin Zhang | Pending | NPCA | MAC |
| 24/1086 | Data forwarding for seamless roaming | Ryuichi Hirata | Presented | Roaming | MAC |
| 24/1092 | Multi-AP Coordinated Concurrent Transmission Protocol | Kosuke Aio | Presented | MAP | MAC |
| [24/1101](https://mentor.ieee.org/802.11/dcn/24/11-24-1101-00-00bn-discussion-on-bounded-delay-in-industrial-scenarios-follow-up.pptx) | Discussion on bounded delay in Industrial Scenarios–follow up | Yue Xu | Presented | Miscellaneous | MAC |
| 24/1115 | Channel switching rules for NPCA | Vishnu Ratnam | Pending | NPCA | MAC |
| 24/1116 | Operating bandwidth indication for UHR | Vishnu Ratnam | Pending | Miscellaneous | MAC |
| 24/1117 | AP state transitions in DPS mode - followup | Vishnu Ratnam | Pending | Power Save | MAC |
| 24/1122 | Vendor Specific PHY Options Follow-Up | Brian Hart | Presented | Miscellaneous | Joint |
| 24/1123 | Client Experience Reporting | Brian Hart | Pending | Feedback | MAC |
| 24/1125 | Considerations on switching for NPCA | Dongju Cha | Pending | NPCA | MAC |
| 24/1129 | Discussion on Intermediate FCS Signaling | SunHee Baek | Pending | Power Save | MAC |
| 24/1145 | Multi-AP Coordination for Low Latency Traffic Transmission | Jerome Gu | Presented | MAP | MAC |
| 24/1146 | Considerations on AP Power Save Mode | Jerome Gu | Pending | Power Save | MAC |
| 24/1154 | Discussion on coordination of TWT | Yingqiao Quan | Presented | C-TWT | MAC |
| 24/1155 | Further discussions on NPCA | Sanghyun Kim | Pending | NPCA | MAC |
| 24/1157 | Discussions on Dynamic Subchannel Operation | Hyeonjun Sung | Pending | DSO | MAC |
| 24/1166 | TWT-based Power Save with Enhanced Flexibility | Qing Xia | Pending | Power Save | MAC |
| 24/1167 | EML(SR/MR) Based Dynamic Power Save Design | Qing Xia | Pending | Power Save | MAC |
| 24/1170 | Further Considerations on In-Device Coexistence | Jaheon Gu | Pending | Coexistence | MAC |
| 24/1178 | Considerations for proxy SCS | Vishnu Ratnam | Pending | Miscellaneous | MAC |
| 24/1179 | Trigger frame expansion | Vishnu Ratnam | Presented | Trigger | Joint |
| 24/1191 | Transmit Power Control for Managing Cross-Link Interference in MLO | Mahmoud Hasabelnaby | Presented | Miscellaneous | MAC |
| 24/1193 | EDCA+ for High Priority Access | Mingyu LEE | Pending | Channel Access | MAC |
| 24/1196 | Issues on OBSS R-TWT Protection | Gwangho Lee | Deferred | C-TWT | MAC |
| 24/1205 | Analysis and Simulations on Coordinated Spatial Reuse | Jason Y. Guo | Pending | CSR | MAC |
| 24/1206 | Considerations on Coordinated R-TWT | Jason Y. Guo | Presented | C-TWT | MAC |
| 24/1207 | Preemption Session Setup | Jason Y. Guo | Pending | Preemption | MAC |
| 24/1217 | Multi-AP Coordination Setup Scheme | Kaiying Lu | Presented | MAP | MAC |
| 24/1218 | NPCA - next level discussions | Gaurang Naik | Pending | NPCA | MAC |
| 24/1220 | A Framework for Coordinated Access Points | Giovanni Chisci | Pending | MAP | MAC |
| 24/1221 | ICF ICR follow up | Liwen Chu | Pending | Coexistence | MAC |
| 24/1222 | NPCA Follow up | Liwen Chu | Pending | NPCA | MAC |
| [24/1224](https://mentor.ieee.org/802.11/dcn/24/11-24-1224-00-00bn-joint-medium-access-and-txop-sharing.pptx) | Joint Medium Access and TXOP Sharing | Yongsen Ma | Pending | Channel Access | MAC |
| 24/1225 | Initial Control Frames in C-TDMA | Sanket Kalamkar | Pending | C-TDMA | MAC |
| 24/1226 | ICF-ICR design | Cariou, Laurent | Pending | Coexistence | MAC |
| 24/1227 | Some usage of intermediate FCS | Cariou, Laurent | Pending | Power Save | MAC |
| 24/1229 | NPCA follow-up | Cariou, Laurent | Pending | NPCA | MAC |
| 24/1239 | MAP Framework--Follow-up | Rubayet Shafin | Deferred | MAP | MAC |
| 24/1240 | Thoughts on AP Power Saving | Rubayet Shafin | Pending | Power Save | MAC |
| 24/1241 | Control Frames for 11bn | Rubayet Shafin | Pending | ?? | MAC |
| [24/1243](https://mentor.ieee.org/802.11/dcn/24/11-24-1243-00-00bn-100-mhz-ppdu.pptx) | 100 MHz PPDU | Ross Jian Yu | Pending | PPDU | PHY |
| [24/1244](https://mentor.ieee.org/802.11/dcn/24/11-24-1244-00-00bn-sst-or-dso-support-for-wider-bandwidth-ofdma-and-a-ppdu.pptx) | SST or DSO Support for Wider Bandwidth OFDMA and A-PPDU | Ross Jian Yu | Presented | DSO | Joint |
| 24/1246 | Low-power-listening-mode-for-clients-follow up | Ming Gan | Pending | Power Save | MAC |
| 24/1247 | ICF ICR Design For Coex | Abdel Ajami | Pending | Coexistence | MAC |
| 24/1250 | Discussion on TXOP Allocation in C-TDMA | Serhat Erkucuk | Pending | C-TDMA | MAC |
| 24/1251 | Flexible Control Frames - Follow Up | Alfred Asterjadhi | Pending | Control | MAC |
| 24/1256 | The padding after intermediate FCS | Yunbo Li | Pending | Power Save | MAC |
| 24/1257 | Preemption Procedure and Indication- follow up | Yunbo Li | Pending | Preemption | MAC |
| 24/1259 | Sp-based non-primary channel access follow-up | Yue Zhao | Pending | NPCA | MAC |
| 24/1260 | Further considerations on NPCA | Liuming Lu | Pending | NPCA | MAC |
| 24/1261 | Considerations on Client Power Save for 11bn | Liuming Lu | Pending | Power Save | MAC |
| **Submissions (Third Cut-Off )** | | | | | |
| 24/1276 | Transmission Enhancement for XR Use Case | Guogang Huang | Pending | Miscellaneous | MAC |
| 23/2015 | HT-Control-field-expansion | Xiangxin Gu | Presented | Miscellaneous | Joint |
| 24/0414 | Improving acknowledgment mechanisms | Alfred Asterjadhi | Pending | Acknowledgment | MAC |
| 24/1346 | Considerations for Multi-AP SP Coordination | Xiaofei Wang | Pending | MAP | MAC |
| 24/1350 | L4S support implementation options | Lili Hervieu | Pending | L4S | Joint |
| 24/1104 | Some details on NPCA | Seongho Byeon | Pending | NPCA | MAC |
| 24/1358 | Enabling opportunistic relay operation via 11bn | Peshal Nayak | Pending | Relay | MAC |
| 24/1375 | Coordinated TDMA analysis for time-sensitive traffic under congested scenarios | Inaki Val | Pending | C-TDMA | MAC |
| 24/1388 | Thoughts on interface between AP MLDs for reamless roaming | Haorui Yang | Pending | Roaming | MAC |
| 24/1405 | Discussion on aspects in DRU operation - follow up | Arik Klein | Pending | DRU | Joint |
| [24/1411](https://mentor.ieee.org/802.11/dcn/24/11-24-1411-00-00bn-signaling-for-uhr-ppdu.pptx) | Signaling for UHR PPDU | Ross Jian Yu | Pending | PPDU | PHY |
| [24/1410](https://mentor.ieee.org/802.11/dcn/24/11-24-1410-00-00bn-legacy-preamble-for-elr-ppdu.pptx) | Legacy preamble for ELR PPDU | Ross Jian Yu | Pending | ELR | PHY |
| [24/1409](https://mentor.ieee.org/802.11/dcn/24/11-24-1409-00-00bn-unequal-pattern-discussion-follow-up.pptx) | Unequal Pattern Discussion Follow up | Ross Jian Yu | Pending | UEQM | PHY |
| 24/0963 | Enhancement of BSR follow-up | Frank Hsu | Pending | Feedback | MAC |
| [24/1124](https://mentor.ieee.org/802.11/dcn/24/11-24-1124-00-00bn-headroom-reason-reporting.pptx) | Headroom Reason Reporting | Brian Hart | Pending | Miscellaneous | Joint |
| 24/1425 | Considerations for Context Transfer in 11bn | Peshal Nayak | Pending | Roaming | MAC |
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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: July 29 (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-Miscellaneous+Low Latency:
  + [24/0862](https://mentor.ieee.org/802.11/dcn/24/11-24-0862-00-00bn-reliable-transmission-in-ml-twt-for-uhr.pptx) Reliable Transmission in ML TWT for UHR Jeongki Kim
  + [24/1191](https://mentor.ieee.org/802.11/dcn/24/11-24-1191-00-00bn-transmit-power-control-for-managing-cross-link-interference-in-mlo.pptx) TPC for Managing Cross-Link Interference in MLO Mahmoud Hasabelnaby
  + [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
  + [24/0778](https://mentor.ieee.org/802.11/dcn/24/11-24-0778-00-00bn-nc-mlo-operation-issues.pptx) NC MLO operation issues Michael Montemurro
* AoB:
* Adjourn

### 2nd Conf. Call: August 01 (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

* + **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: None.
* Technical Submissions-Miscellaneous-Part 1:
  + [24/0730](https://mentor.ieee.org/802.11/dcn/24/11-24-0730-00-00bn-flow-control-over-the-air.pptx) Flow control over the air Peter STEPHENSON
  + [24/0848](https://mentor.ieee.org/802.11/dcn/24/11-24-0848-00-00bn-adapted-trigger-based-uplink-transmission-follow-up.pptx) Adapted trigger-based uplink transmission follow up Ming Gan
  + [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
  + [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
  + [24/1038](https://mentor.ieee.org/802.11/dcn/24/11-24-1038-00-00bn-channel-sounding-for-uhr-relay.pptx) Channel Sounding for UHR Relay Pei Zhou
  + [23/2015](https://mentor.ieee.org/802.11/dcn/23/11-23-2015-02-00bn-ht-control-field-expansion.pptx) HT-Control-field-expansion Xiangxin Gu
* AoB: No time.
* Adjourn

### 3rd Conf. Call: August 05 (19:00–21:00 ET)–PHY

* CANCELLED

### 3rd Conf. Call: August 05 (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-Miscellaneous+Roaming Part 1:
  + [24/1101](https://mentor.ieee.org/802.11/dcn/24/11-24-1101-00-00bn-discussion-on-bounded-delay-in-industrial-scenarios-follow-up.pptx) Discussion on bounded delay in Industrial Scenarios–follow up Yue Xu
  + [24/0733](https://mentor.ieee.org/802.11/dcn/24/11-24-0733-00-00bn-considerations-for-low-latency-application-support-in-next-generation-wlans.pptx) Considerations for Low Latency Application Support in Next Generation WLANs Peshal Nayak
  + [~~24/0679~~](https://mentor.ieee.org/802.11/dcn/24/11-24-0679-01-00bn-thoughts-on-functionality-and-security-architecture-for-uhr-seamless-roaming.pptx) ~~Thoughts on Functionality and Security Architecture for UHR Seamless Roaming Thomas Derham~~
  + [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
  + [24/0881](https://mentor.ieee.org/802.11/dcn/24/11-24-0881-00-00bn-improving-stability-during-roaming-process.pptx) Improving Stability during Roaming Process Tuncer Baykas
  + [24/0934](https://mentor.ieee.org/802.11/dcn/24/11-24-0934-00-00bn-seamless-roaming-based-on-ft-protocol.pptx) Seamless roaming based on FT protocol Jay Yang
  + [24/1057](https://mentor.ieee.org/802.11/dcn/24/11-24-1057-00-00bn-thoughts-on-roaming-for-11bn.pptx) Thoughts on Roaming for 11bn Kyosuke Inoue
* AoB:
* Adjourn

### 4th Conf. Call: August 08 (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-Roaming Part 2 and MAP Part 1:
  + [24/0934](https://mentor.ieee.org/802.11/dcn/24/11-24-0934-00-00bn-seamless-roaming-based-on-ft-protocol.pptx) Seamless roaming based on FT protocol Jay Yang Q&A
  + [24/1057](https://mentor.ieee.org/802.11/dcn/24/11-24-1057-00-00bn-thoughts-on-roaming-for-11bn.pptx) Thoughts on Roaming for 11bn Kyosuke Inoue
  + [24/1086](https://mentor.ieee.org/802.11/dcn/24/11-24-1086-00-00bn-data-forwarding-for-seamless-roaming.pptx) Data forwarding for seamless roaming Ryuichi Hirata
  + ~~24/0677 TWT Information Sharing in MAP Operation Rubayet Shafin~~
  + ~~24/0874 Discussion on Terminology: sharing and shared AP Xiaofei Wang~~
  + [24/1075](https://mentor.ieee.org/802.11/dcn/24/11-24-1075-00-00bn-map-coordination-follow-up.pptx) MAP coordination follow up Jay Yang
  + [24/1092](https://mentor.ieee.org/802.11/dcn/24/11-24-1092-00-00bn-multi-ap-coordinated-concurrent-transmission-protocol.pptx) Multi-AP Coordinated Concurrent Transmission Protocol Kosuke Aio
* AoB:
* Adjourn

### 5th Conf. Call: August 12 (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:
  + Please submit contributions at least 24 hours in advance and if there are deferral request to be sent at least 24 hours in advance. Contributions that don’t follow these will be removed from the queues.
* Technical Submissions-Miscellaneous Part 2 + MAP Part 2:
  + [24/1122](https://mentor.ieee.org/802.11/dcn/24/11-24-1122-00-00bn-vendor-specific-phy-options-follow-up.pptx) Vendor Specific PHY Options Follow-Up Brian Hart
  + [24/1179](https://mentor.ieee.org/802.11/dcn/24/11-24-1179-00-00bn-trigger-frame-expansion.pptx) Trigger frame expansion Vishnu Ratnam
  + [24/1244](https://mentor.ieee.org/802.11/dcn/24/11-24-1244-00-00bn-sst-or-dso-support-for-wider-bandwidth-ofdma-and-a-ppdu.pptx) SST or DSO Support for Wider BW OFDMA and A-PPDU Ross Jian Yu
  + [24/0874](https://mentor.ieee.org/802.11/dcn/24/11-24-0874-00-00bn-discussion-on-terminology-sharing-and-shared-ap.pptx) Discussion on Terminology: sharing and shared AP Xiaofei Wang
* AoB: None.
* Adjourn

### 6th Conf. Call: August 19 (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 - MAP Part 2 + C-rTWT + TXOP Sharing:
  + [24/1145](https://mentor.ieee.org/802.11/dcn/24/11-24-1145-01-00bn-multi-ap-coordination-for-low-latency-traffic-transmission.pptx) Multi-AP Coordination for Low Latency Traffic Transmission Jerome Gu
  + [24/1217](https://mentor.ieee.org/802.11/dcn/24/11-24-1217-00-00bn-multi-ap-coordination-setup-scheme.pptx) Multi-AP Coordination Setup Scheme Kaiying Lu
  + [24/1220](https://mentor.ieee.org/802.11/dcn/24/11-24-1220-00-00bn-a-framework-for-coordinated-access-points.pptx) A Framework for Coordinated Access Points Giovanni Chisci
  + [~~24/0742~~](https://mentor.ieee.org/802.11/dcn/24/11-24-0742-00-00bn-obss-twt-management-for-map.pptx) ~~OBSS TWT management for MAP VIGER Pascal~~
  + [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
  + [24/1154](https://mentor.ieee.org/802.11/dcn/24/11-24-1154-00-00bn-discussion-on-coordination-of-twt.pptx) Discussion on coordination of TWT Yingqiao Quan
  + [24/1206](https://mentor.ieee.org/802.11/dcn/24/11-24-1206-00-00bn-considerations-on-coordinated-r-twt.pptx) Considerations on Coordinated R-TWT Jason Y. Guo
  + [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
  + [24/1013](https://mentor.ieee.org/802.11/dcn/24/11-24-1103-00-0wng-post-quantum-802-11.pptx) Bidirectional TXOP Sharing Juseong Moon
* AoB:
* Adjourn

### 7th Conf. Call: August 22 (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**
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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-C-rTWT + TXOP Sharing + NPCA Part 1:
  + [24/1154](https://mentor.ieee.org/802.11/dcn/24/11-24-1154-00-00bn-discussion-on-coordination-of-twt.pptx) Discussion on coordination of TWT Yingqiao Quan
  + [24/1206](https://mentor.ieee.org/802.11/dcn/24/11-24-1206-00-00bn-considerations-on-coordinated-r-twt.pptx) Considerations on Coordinated R-TWT Jason Y. Guo
  + [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
  + [24/1013](https://mentor.ieee.org/802.11/dcn/24/11-24-1103-00-0wng-post-quantum-802-11.pptx) Bidirectional TXOP Sharing Juseong Moon
  + [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
  + [24/0850](https://mentor.ieee.org/802.11/dcn/24/11-24-0850-00-00bn-txop-bandwidth-expansion-related-to-secondary-channel-access.pptx) TXOP BW Exp. Related to Secondary Channel Access Jerome Gu
* AoB:
* Adjourn

### 8th Conf. Call: August 26 (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 – NPCA Part 2:
  + [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 BW Exp. Related to Secondary Channel Access Jerome Gu
  + [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
  + [24/0850](https://mentor.ieee.org/802.11/dcn/24/11-24-0850-00-00bn-txop-bandwidth-expansion-related-to-secondary-channel-access.pptx) TXOP BW Exp. Related to Secondary Channel Access Jerome Gu
  + [24/0858](https://mentor.ieee.org/802.11/dcn/24/11-24-0858-00-00bn-npca-and-virtual-aps.pptx) NPCA and virtual APs Liwen Chu
  + [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 NPCA Leonardo Lanante
  + [24/0981](https://mentor.ieee.org/802.11/dcn/24/11-24-0981-00-00bn-considerations-on-npca-for-reliability.pptx) Considerations on NPCA for reliability Si-Chan Noh
  + [24/1077](https://mentor.ieee.org/802.11/dcn/24/11-24-1077-00-00bn-discussions-on-non-primary-channel-access.pptx) Discussions on Non-Primary Channel Access Jason Y. Guo
  + [24/1081](https://mentor.ieee.org/802.11/dcn/24/11-24-1081-00-00bn-considerations-on-npca.pptx) Considerations on NPCA Maolin Zhang
  + [24/1115](https://mentor.ieee.org/802.11/dcn/24/11-24-1115-00-00bn-channel-switching-rules-for-npca.pptx) Channel switching rules for NPCA Vishnu Ratnam
  + [24/1125](https://mentor.ieee.org/802.11/dcn/24/11-24-1125-00-00bn-considerations-on-switching-for-npca.pptx) Considerations on switching for NPCA Dongju Cha
  + [24/1155](https://mentor.ieee.org/802.11/dcn/24/11-24-1155-00-00bn-further-discussions-on-npca.pptx) Further discussions on NPCA Sanghyun Kim
  + [24/1218](https://mentor.ieee.org/802.11/dcn/24/11-24-1218-00-00bn-npca-next-level-discussions.pptx) NPCA - next level discussions Gaurang Naik
  + 24/1222 NPCA Follow up Liwen Chu
  + 24/1229 NPCA follow-up Cariou, Laurent
  + [24/1259](https://mentor.ieee.org/802.11/dcn/24/11-24-1259-00-00bn-sp-based-non-primary-channel-access-follow-up.pptx) Sp-based non-primary channel access follow-up Yue Zhao
  + 24/1260 Further considerations on NPCA Liuming Lu
* AoB:
* Adjourn

### 9th Conf. Call: August 29 (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

* + **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-Leftovers from previous Joint/MAC:
  + [24/1058](https://mentor.ieee.org/802.11/dcn/24/11-24-1058-00-00bn-discussion-on-aspects-in-dru-operation.pptx) Discussion on aspects in DRU operation Arik Klein
  + 24/0815 Dynamic bandwidth selection signaling details Binita Gupta
  + 24/1116 Operating bandwidth indication for UHR Vishnu Ratnam
  + 24/1178 Considerations for proxy SCS Vishnu Ratnam
  + 24/0655 Thoughts on SMD Roaming and FT Roaming Binita Gupta
  + [24/0679](https://mentor.ieee.org/802.11/dcn/24/11-24-0679-01-00bn-thoughts-on-functionality-and-security-architecture-for-uhr-seamless-roaming.pptx) Thoughts on Functionality and Security Architecture for UHR Seamless Roaming Thomas Derham
  + [24/0742](https://mentor.ieee.org/802.11/dcn/24/11-24-0742-00-00bn-obss-twt-management-for-map.pptx) OBSS TWT management for MAP VIGER Pascal
  + …
* 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.

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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>