IEEE P802.11  
Wireless LANs

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| TGbn May 2025 to July 2025 teleconference agendas | | | | |
| Date: 2025-06-05 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the draft agenda for May 2025 to July 2025 TGbn teleconferences.

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Revised after the first conf call.
* Rev 2: Moved one contribution from second to third conf call, per member request and re-arranged accordingly.
* Rev 3-4: Updated after second conf call.
* Rev 5: Updated after the third conf call.
* Rev 6: Updated the technical submissions queues with all link updates requests received so far. Submissions that did not receive link update notifications are removed from the queues.

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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  (Wilus) |
| **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/Jane Doe (Affiliation)”

## Teleconferences Overview

* **May 19-26 (Monday-Monday) Holiday**
* **May 29 (Thursday) – Joint 10:00-12:00 ET**
* **June 02 (Monday) – MAC 19:00-21:00 ET**
* **June 05 (Thursday) – MAC 10:00-12:00 ET**
* **June 09 (Monday) – MAC 19:00-21:00 ET**
* **June 12 (Thursday) – Joint 10:00-12:00 ET**
* **June 16 (Monday) – MAC 19:00-21:00 ET**
* **June 19 (Thursday) – MAC 10:00-12:00 ET**
* **June 23 (Monday) – MAC 19:00-21:00 ET**
* **June 26 (Thursday) – Joint\* 10:00-12:00 ET**
* **June 30 (Monday) – MAC 19:00-21:00 ET**
* **July 03 (Thursday) – MAC 10:00-12:00 ET**
* **July 07 (Monday) – MAC 19:00-21:00 ET**
* **July 10 (Thursday) – Joint\* 10:00-12:00 ET**
* **July 14-18 (Monday-Friday) Holiday**

*TGbn joint session during which there can be motions, subject to WG chair approval and with 10-day advanced notice. PHY ad-hoc session to be announced 10 days in advance.*

**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/POC** | **Status** | **Topic** | **Session** |
| **Proposed Draft Texts (PDTs) – (FCFS) Basis In Terms of Readiness– Three Processing Queues** | | | | | |
| [25/0437](https://mentor.ieee.org/802.11/dcn/25/11-25-0437-14-00bn-cc-d0-1-subclause-37-11.docx) | CC D0.1 subclause 37.11 | Laurent Cariou | Ran SP  69Y, 32N, 29A | CR-152C | MAC |
| [~~25/0448~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0448-02-00bn-pdt-mac-on-low-latency-indication.docx) | ~~PDT MAC on low latency indication~~ | ~~Mohamed Abouelseoud~~ | **~~Superceded by 931~~** | ~~PDT~~ | ~~MAC~~ |
| [25/0508](https://mentor.ieee.org/802.11/dcn/25/11-25-0508-01-00bn-d0-1-cc-subclause-37-11-3.docx) | D0.1 CC subclause 37.11.3 | Laurent Cariou | **Pending** | CR-113C | MAC |
| [25/0538](https://mentor.ieee.org/802.11/dcn/25/11-25-0538-02-00bn-cc50-cid-1780-discussion-on-npca-switch-back.docx) | cc50-cid-1780-discussion-on-npca-switch-back | Chaoming Luo | **Deferred SP** | CR-1 CIDs | MAC |
| [25/0551](https://mentor.ieee.org/802.11/dcn/25/11-25-0551-03-00bn-cr-mac-cc50-cids-in-clause-9.docx) | CR-MAC-cc50-CIDs\_in\_clause-9 | Abhishek Patil | **Pending SP** | CR-2C | MAC |
| [25/0552](https://mentor.ieee.org/802.11/dcn/25/11-25-0552-05-00bn-cr-mac-cc50-cids-related-to-beacon-optimization.docx) | CR-MAC-cc50-CIDs\_related\_to\_Beacon\_Optimization | Abhishek Patil | Presented | CR-2C | MAC |
| [25/0557](https://mentor.ieee.org/802.11/dcn/25/11-25-0557-01-00bn-cc50-cid-1774-discussion-on-npca-and-dps.docx) | cc50-cid-1774-discussion-on-npca-and-dps | Chaoming Luo | **Deferred** | CR-1C | MAC |
| [25/0571](https://mentor.ieee.org/802.11/dcn/25/11-25-0571-05-00bn-cr-mac-cc50-cids-1550-1551-and-1553.docx) | CR-MAC-CC50-CIDs 1550,1551 and 1553 | Yajun Cheng | R4M-1C | CR-3 CIDs | MAC |
| [25/0599](https://mentor.ieee.org/802.11/dcn/25/11-25-0599-13-00bn-pdt-mac-mapc-signaling-and-protocol-aspects.docx) | PDT MAC MAPC Signaling and Protocol Aspects | Giovanni Chisci | **Pending SP**  **June 16** | CR-28 CIDs  {2, 2} TBDs | MAC |
| [25/0621](https://mentor.ieee.org/802.11/dcn/25/11-25-0621-00-00bn-resolution-to-cid-1023.docx) | Resolution to CID 1023 | Michael Montemurro | Presented | CR-1C | MAC |
| [25/0633](https://mentor.ieee.org/802.11/dcn/25/11-25-0633-00-00bn-joint-pdt-cr-trigger-frame-format-part-2.docx) | Joint PDT CR Trigger Frame Format Part 2 | Alice Chen | Presented | CR  93 CIDs/20TBDs | Joint |
| [25/0636](https://mentor.ieee.org/802.11/dcn/25/11-25-0636-04-00bn-joint-pdt-cr-trigger-frame-format-part-5.docx) | Joint PDT CR Trigger Frame Format Part 5 | Alice Chen | Presented | CR  15CIDs/2TBDs | Joint |
| [25/0638](https://mentor.ieee.org/802.11/dcn/25/11-25-0638-03-00bn-crs-for-cid-related-to-definitions-in-mapc-scheme.docx) | CRs for CID related to definitions in MAPC scheme | Chun Huang | Presented  **Pending SP** | CR-15 CIDs | MAC |
| [25/0639](https://mentor.ieee.org/802.11/dcn/25/11-25-0639-02-00bn-cc50-cr-for-cids-related-to-ap-id-assignment.docx) | CC50 CR for CIDs related to AP ID assignment | Chun Huang | **Deferred** | CR-9C | MAC |
| [25/0657](https://mentor.ieee.org/802.11/dcn/25/11-25-0657-02-00bn-cr-for-clause-3-2-part-2.doc) | CR for Clause 3.2-part 2 | Xiaofei WANG | R4M-18C | CR-20 CIDs | Joint |
| [25/0669](https://mentor.ieee.org/802.11/dcn/25/11-25-0669-03-00bn-cr-cc50-mac-cids-in-clause-37-9-1.docx) | cr cc50 mac cids in clause 37.9.1 | Liwen Chu | Presented | CR-125 CIDs | MAC |
| [25/0673](https://mentor.ieee.org/802.11/dcn/25/11-25-0673-03-00bn-cr-for-cc50-on-subclause-37-x-x-x-x-allowed-settings.docx) | CR for CC50 on subclause 37.x.x.x.x Allowed settings | Hong Won Lee | Presented | CR-1 CID | MAC |
| [25/0678](https://mentor.ieee.org/802.11/dcn/25/11-25-0678-03-00bn-cr-cc50-subclause-38-3-15-9-6-part1.docx) | CR CC50 Subclause 38.3.15.9.6 Part1 | Genadiy Tsodik | **Pending** | CR-22 CID | PHY |
| [25/0679](https://mentor.ieee.org/802.11/dcn/25/11-25-0679-02-00bn-cr-cc50-subclause-38-3-15-9-3.docx) | CR CC50 Subclause 38.3.15.9.3 | Genadiy Tsodik | **Pending** | CR-14 CID | PHY |
| [25/0688](https://mentor.ieee.org/802.11/dcn/25/11-25-0688-02-00bn-cc50-cr-of-cid-710.docx) | CC50 CR of CID 710 | Frank Hsu | Presented | CR-1 CID | MAC |
| [25/0702](https://mentor.ieee.org/802.11/dcn/25/11-25-0702-00-00bn-cr-phy-cid-3905.docx) | CR-PHY-CID 3905 | Ron Porat | Presented Pending SP | CR-1 CID | PHY |
| [25/0707](https://mentor.ieee.org/802.11/dcn/25/11-25-0707-05-00bn-cc50-cr-for-clause-6-part-2.docx) | CC50 CR for clause 6 part 2 | Yan Li | **Pending** | CR-11 CID | Joint |
| [25/0734](https://mentor.ieee.org/802.11/dcn/25/11-25-0734-01-00bn-misc-cbf-topics-part-ii.pptx) | Misc. CBF Topics part II | Ron Porat | **Pending** | CR-?? CID | PHY |
| [25/0735](https://mentor.ieee.org/802.11/dcn/25/11-25-0735-04-00bn-cc50-cr-for-cids-on-overhearing-obss-csi.docx) | CC50 CR for CIDs on overhearing OBSS CSI | Yurong Qian | **Pending** | CR-5C | PHY |
| [25/0742](https://mentor.ieee.org/802.11/dcn/25/11-25-0742-00-00bn-mac-pdt-cr-37-12-2-internal-error-indication.docx) | MAC-PDT-CR-37\_12\_2-internal-error-indication | Sherief Helwa | **Pending** | CR-?? CID | MAC |
| 25/0743 | MAC-PDT-CR-37\_12\_4-PUO | Sherief Helwa | **Pending** | CR-?? CID | MAC |
| [25/0744](https://mentor.ieee.org/802.11/dcn/25/11-25-0744-03-00bn-mac-pdt-cr-37-12-5-parameter-update.docx) | MAC-PDT-CR-37\_12\_5-parameter-update | Sherief Helwa | Presented | CR-69 CID | MAC |
| [25/0751](https://mentor.ieee.org/802.11/dcn/25/11-25-0751-00-00bn-text-change-in-38-3-4-transmission-of-dru.docx) | Text change in 38.3.4 Transmission of DRU | Jianhan Liu | **Pending** | PDT | PHY |
| [25/0753](https://mentor.ieee.org/802.11/dcn/25/11-25-0753-01-00bn-pdt-mac-on-seamless-roaming-part-3.docx) | PDT MAC on Seamless Roaming Part 3 | Duncan Ho | Presented | CR-5 CID | MAC |
| [25/0756](https://mentor.ieee.org/802.11/dcn/25/11-25-0756-04-00bn-cc50-cr-for-cid-2693.docx) | CC50 CR for CID 2693 | Eda Genc | **Deferred**  **(MAC ad-hoc)** | CR-1 CID | MAC |
| [25/0764](https://mentor.ieee.org/802.11/dcn/25/11-25-0764-01-00bn-peer-to-peer-p2p-pdt.docx) | Peer-to-Peer (P2P) PDT | Rubayet Shafin | Presented | PDT | MAC |
| [25/0766](https://mentor.ieee.org/802.11/dcn/25/11-25-0766-00-00bn-pdt-mac-and-cr-coordinated-spatial-reuse-protocol.docx) | PDT MAC and CR Coordinated Spatial Reuse Protocol | Jason Guo | **Pending** | CR-13C | Joint |
| [25/0768](https://mentor.ieee.org/802.11/dcn/25/11-25-0768-00-00bn-pdt-mac-and-cr-coordinated-beamforming-protocol.docx) | PDT MAC and CR Coordinated Beamforming Protocol | Jason Guo | **Pending** | CR-7C | Joint |
| [25/0775](https://mentor.ieee.org/802.11/dcn/25/11-25-0775-02-00bn-crs-on-new-mcss-for-subclause-38-5.docx) | CRs on New MCSs for Subclause 38.5 | Shengquan Hu | **Pending** | CR-24 CID | PHY |
| [25/0823](https://mentor.ieee.org/802.11/dcn/25/11-25-0823-02-00bn-cc50-cr-on-ueqm-cid-372-374.doc) | CC50 CR on UEQM CID 372,374 | Jiyang Bai | **Pending** | CR-2C | PHY |
| [25/0838](https://mentor.ieee.org/802.11/dcn/25/11-25-0838-07-00bn-cc50-cr-for-a-mpdu-9-7-3-related-to-the-feedback-information.docx) | CC50: CR for A-MPDU (9.7.3) related to the Feedback information | Hongwon Lee | Presented | CR-6C | MAC |
| [25/0839](https://mentor.ieee.org/802.11/dcn/25/11-25-0839-06-00bn-pdt-uhr-mu-operation.docx) | PDT UHR MU operation | Hongwon Lee | Presented | CR-4CID | MAC |
| [25/0852](https://mentor.ieee.org/802.11/dcn/25/11-25-0852-01-00bn-cc50-cr-for-mib.docm) | CC50 CR for MIB | Yan Li | **Pending** | CR-12 CID | Joint |
| [25/0880](https://mentor.ieee.org/802.11/dcn/25/11-25-0880-02-00bn-pdt-mac-on-l4s.docx) | PDT MAC on L4S | Binita Gupta | **Pending** | CR-2C | MAC |
| [25/0882](https://mentor.ieee.org/802.11/dcn/25/11-25-0882-03-00bn-pdt-mac-uhr-operating-mode-and-parameter-updates.docx) | PDT on generic enablement | Gaurang Naik | **Pending** | PDT-32TBD | MAC |
| [25/0888](https://mentor.ieee.org/802.11/dcn/25/11-25-0888-00-00bn-tgbn-d0-1-cr-for-cid-2848-3026-3071.docx) | TGbn D0.1 CR for CID 2848, 3026, 3071 | Suhwook Kim | **Pending** | CR-3C | MAC |
| [25/0890](https://mentor.ieee.org/802.11/dcn/25/11-25-0890-00-00bn-d0-1-cc-subclause-37-9-2.docx) | D0.1 CC subclause 37.9.2 | Laurent Cariou | **Pending** | CR-29C | MAC |
| [25/0892](https://mentor.ieee.org/802.11/dcn/25/11-25-0892-00-00bn-pdt-phy-elr-cr-322.docx) | PDT PHY ELR CR 322 | Rethna Pulikkoonattu | Pending | CR-1C | PHY |
| [25/0905](https://mentor.ieee.org/802.11/dcn/25/11-25-0905-00-00bn-cc50-cr-for-subclause-37-12.docx) | CC50 CR for subclause 37.12 | Kumail Haider | **Pending** | CR-5C | MAC |
| [25/0907](https://mentor.ieee.org/802.11/dcn/25/11-25-0907-00-00bn-cc50-cr-for-clause-9-4-2-aa1.docx) | CC50 CR for clause 9.4.2.aa1 | Ming Gan | **Pending** | CR-44C | MAC |
| [25/0908](https://mentor.ieee.org/802.11/dcn/25/11-25-0908-00-00bn-cc50-cr-for-clause-9-4-2-aa2.docx) | CC50 CR for clause 9.4.2.aa2 | Ming Gan | **Pending** | CR-37C | MAC |
| [25/0909](https://mentor.ieee.org/802.11/dcn/25/11-25-0909-00-00bn-cc50-cr-for-clause-37-3.docx) | CC50 CR for clause 37.3 | Ming Gan | **Pending** | CR-26C | MAC |
| [25/0910](https://mentor.ieee.org/802.11/dcn/25/11-25-0910-00-00bn-cc50-cr-for-clause-37-4.docx) | CC50 CR for clause 37.4 | Ming Gan | **Pending** | CR-12C | MAC |
| [25/0915](https://mentor.ieee.org/802.11/dcn/25/11-25-0915-00-00bn-pdt-cr-for-elr-mac.docx) | PDT/CR for ELR MAC | Alfred Asterjadhi | **Pending** | CR-3C | MAC |
| 25/0920 | PDT MAC Coex clause6 CID2190 | Brian Hart | **Pending** | CR-1C | MAC |
| [25/0929](https://mentor.ieee.org/802.11/dcn/25/11-25-0929-00-00bn-cc50-cr-for-cid-3140.docx) | CC50 CR for CID 3140 | Jeongki Kim | **Pending** | CR-??C | MAC |
| [25/0931](https://mentor.ieee.org/802.11/dcn/25/11-25-0931-03-00bn-pdt-crs-mac-lli.docx) | PDT-CRs-MAC-LLI | Mohamed Abouelseoud | **Pending** | CR-60C | MAC |
| [25/0932](https://mentor.ieee.org/802.11/dcn/25/11-25-0932-00-00bn-cr-1482-discussion-on-npca-primary-channel-condition.docx) | CR 1482 Discussion on NPCA Primary Channel Condition | Shravan Kumar Kalyankar | **Pending** | CR-1C | MAC |
| [25/0933](https://mentor.ieee.org/802.11/dcn/25/11-25-0933-00-00bn-cr-1783-challenges-in-using-single-npca-minimum-duration-threshold.docx) | CR 1783 Challenges in Using Single NPCA Minimum Duration Threshold | Shravan Kumar Kalyankar | **Pending** | CR-1C | MAC |
| [25/0936](https://mentor.ieee.org/802.11/dcn/25/11-25-0936-01-00bn-pdt-cr-mac-npca-cc50.docx) | PDT-CR-MAC-CC50-NPCA | Matthew Fischer | **Pending** | CR-384C | MAC |
| [25/0937](https://mentor.ieee.org/802.11/dcn/25/11-25-0937-01-00bn-cc50-cr-for-cids-3824-3861-3862-and-3863.docx) | CC50 CR for CIDs 3824, 3861, 3862 and 3863 | Hanqing Lou | **Pending** | CR-4C | MAC |
| [25/0942](https://mentor.ieee.org/802.11/dcn/25/11-25-0942-00-00bn-mac-pdt-37-8-2-1-cobf.docx) | MAC-PDT-CR-37\_8\_2\_1-CoBF | Sherief Helwa | **Pending** | CR-7C | MAC |
| [25/0946](https://mentor.ieee.org/802.11/dcn/25/11-25-0946-01-00bn-cc50-pdt-cr-mac-on-receiving-icf-with-ifcs.docx) | CC50 PDT-CR MAC on receiving ICF with IFCS | Vishnu Ratnam | **Pending** | CR-??C | MAC |
| [25/0950](https://mentor.ieee.org/802.11/dcn/25/11-25-0950-01-00bn-pdt-and-cr-for-stream-parser.docx) | PDT and CR for CID 2557 related to stream parser | Qinghua Li | Pending | CR-??C | PHY |
| [25/0963](https://mentor.ieee.org/802.11/dcn/25/11-25-0963-00-00bn-cc50-cr-for-uhr-ltf.docx) | CC50 CR for UHR-LTF | Chenchen Liu | Pending | CR-??C | PHY |
| [25/0964](https://mentor.ieee.org/802.11/dcn/25/11-25-0964-00-00bn-cc50-cr-for-uhr-sig-user-specific-field-part-2.docx) | CC50 CR for UHR-SIG User Specific field – Part 2 | Mengshi Hu | Pending | CR-14C | PHY |
| [25/0965](https://mentor.ieee.org/802.11/dcn/25/11-25-0965-00-00bn-cc50-cr-for-60mhz-dbw.docx) | CC50 CR for 60MHz DBW | Chenchen Liu | Pending | CR-??C | PHY |
| [25/0781](https://mentor.ieee.org/802.11/dcn/25/11-25-0781-01-00bn-cc50-editorial-comments-part-3.docx) | CC50 editorial comments part 3 | Ross Jian Yu | **Pending** | CR-6C | Joint |
| [25/0994](https://mentor.ieee.org/802.11/dcn/25/11-25-0994-00-00bn-cc50-cr-for-cids-1872-1879-and-1880-npca-operation.docx) | CC50 CR for CIDs 1872, 1879 and 1880 - NPCA operation | Shawn Kim | **Pending** | CR-3C | MAC |
| [25/0993](https://mentor.ieee.org/802.11/dcn/25/11-25-0993-00-00bn-cc50-cr-for-cids-1437-1906-1907-1908-overlapping-quiet-interval-for-co-rtwt.docx) | CC50 CR for CIDs 1437, 1906, 1907, 1908 | Hyeonjun Sung | **Pending** | CR-4C | MAC |
| 25/1027 | PDT MAC DBE part 2 | Binita Gupta | Pending | PDT | MAC |
| [25/0539](https://mentor.ieee.org/802.11/dcn/25/11-25-0539-01-00bn-cc50-cid-1773-npca-annoucement.pptx) | cc50-cid-1773-npca-annoucement | Chaoming Luo | Pending | CR-1C | MAC |
| [25/0540](https://mentor.ieee.org/802.11/dcn/25/11-25-0540-01-00bn-cc50-cid-1781-1782-cross-link-indication-for-npca.pptx) | cc50-cid-1781-1782-cross-link-indication-for-npca | Chaoming Luo | Pending | CR-2C | MAC |
| 25/1025 | PDT MAC UHR Critical Updates Procedures | Abhishek Patil | Pending | CR-1C | MAC |
| **Submissions (First Cut-Off)** | | | | | |
| [~~24/1732~~](https://mentor.ieee.org/802.11/dcn/24/11-24-1732-00-00bn-txop-sharing-in-contention-style.pptx) | ~~TXOP sharing in contention style~~ | ~~Junbin Chen~~ | ~~Pending~~ | ~~TXOP sharing~~ | ~~MAC~~ |
| [~~24/2050~~](https://mentor.ieee.org/802.11/dcn/24/11-24-2050-01-00bn-uhr-txop-power-save-for-the-sta-low-power.pptx) | ~~UHR TxOP Power Save for the STA low power~~ | ~~Yanchao Xu~~ | ~~Pending~~ | ~~Power Save~~ | ~~MAC~~ |
| [~~24/2051~~](https://mentor.ieee.org/802.11/dcn/24/11-24-2051-01-00bn-negotiable-ampdu-operations-for-the-sta-power-save.pptx) | ~~Negotiable AMPDU operations for the STA power save~~ | ~~Yanchao Xu~~ | ~~Pending~~ | ~~Power Save~~ | ~~MAC~~ |
| 24/2060 | CSR/COBF Protocol Design | Kosuke Aio | Presented | CSR/CBF | Joint |
| [24/2080](https://mentor.ieee.org/802.11/dcn/24/11-24-2080-01-00bn-high-capability-protection-in-dps-follow-up.pptx) | High-Capability Protection in DPS Follow Up | Maolin Zhang | **Pending** | Power Save | MAC |
| ~~24/2086~~ | ~~ICF in Co-TDMA~~ | ~~Sanket Kalamkar~~ | ~~Pending~~ | ~~C-TDMA~~ | ~~MAC~~ |
| ~~24/2123~~ | ~~Discussion on HOL Blocking Issue~~ | ~~Guogang Huang~~ | ~~Already Presented~~ | ~~QoS~~ | ~~MAC~~ |
| 24/2124 | Frame-Sequence-for-CSR-and-CBF | Jason Yuchen Guo | Presented | CSR | Joint |
| ~~24/2125~~ | ~~Handling-Asymmetric-Switching-for-Non-Primary-Channel-Acces~~ | ~~Jason Yuchen Guo~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| ~~24/2139~~ | ~~Non-Primary Channel Access with MLO~~ | ~~Hui Che~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| ~~24/2140~~ | ~~Condition for Interference Channel Sounding~~ | ~~Hui Che~~ | ~~Pending~~ | ~~Sounding~~ | ~~MAC~~ |
| ~~24/2141~~ | ~~NPCA Operation with Multi-link Device~~ | ~~Longlong Hong~~ | ~~Withdrawn~~ | ~~NPCA~~ | ~~MAC~~ |
| ~~25/0001~~ | ~~Discussion-on-different-view-problem-of-NPCA~~ | ~~Liangxiao Xin~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| ~~25/0003~~ | ~~NPCA follow up~~ | ~~Jay Yang~~ | ~~Already Presented~~ | ~~NPCA~~ | ~~MAC~~ |
| [25/0005](https://mentor.ieee.org/802.11/dcn/25/11-25-0005-03-00bn-map-discovery-follow-up.pptx) | MAP discovery follow up | Jay Yang | Pending | MAP | MAC |
| ~~25/0008~~ | ~~An-optimization-for-NPCA~~ | ~~Xiangxin Gu~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| ~~25/0056~~ | ~~On The Interoperability Between NPCA and CR-TWT~~ | ~~Salvatore Talarico~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| ~~25/0062~~ | ~~More Consideration for feedback information~~ | ~~Hongwon Lee~~ | ~~Withdrawn~~ | ~~Control~~ | ~~MAC~~ |
| ~~25/0063~~ | ~~Indication of the unavailability information for IDC~~ | ~~Hank Hyeonjun Sung~~ | ~~Pending~~ | ~~Coexistence~~ | ~~MAC~~ |
| ~~25/0067~~ | ~~Enhanced Polling Phase for the Co-TDMA Procedure~~ | ~~Shawn Kim~~ | ~~Pending~~ | ~~Co-TDMA~~ | ~~MAC~~ |
| ~~25/0068~~ | ~~Individually Addressed BSRP Trigger Frame and Multi-STA BlockAck~~ | ~~Shawn Kim~~ | ~~Pending~~ | ~~Coexistence~~ | ~~MAC~~ |
| ~~25/0076~~ | ~~IDC Mitigations~~ | ~~Brian Hart~~ | ~~Pending~~ | ~~Coex~~ | ~~MAC~~ |
| ~~25/0086~~ | ~~Fairness Issue in Co-TDMA~~ | ~~Si-Chan Noh~~ | ~~Pending~~ | ~~Co-TDMA~~ | ~~MAC~~ |
| [25/0092](https://mentor.ieee.org/802.11/dcn/25/11-25-0092-01-00bn-high-priority-edca-management.pptx) | High-Priority EDCA Management | Mikhail Liubogoshchev | Pending | Channel Access | MAC |
| [25/0105](https://mentor.ieee.org/802.11/dcn/25/11-25-0105-00-00bn-bandwidth-configuration-for-co-tdma.pptx) | Bandwidth configuration for Co-TDMA | GeonHwan Kim | Pending | C-TDMA | MAC |
| [25/0106](https://mentor.ieee.org/802.11/dcn/25/11-25-0106-00-00bn-some-details-on-polling-phase-in-co-tdma.pptx) | Some details on polling phase in Co-TDMA | GeonHwan Kim | Pending | C-TDMA | MAC |
| [25/0110](https://mentor.ieee.org/802.11/dcn/25/11-25-0110-03-00bn-on-the-harmonization-of-channel-access-policies-for-high-priority-edca.pdf) | On the Harmonization of Channel Access Policies for High Priority EDCA | Behnam Dezfouli | Pending | Channel Access | MAC |
| [~~25/0118~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0118-01-00bn-c-tdma-scheduling-procedure.pptx) | ~~C-TDMA Scheduling Procedure~~ | ~~Bian Tong~~ | ~~Pending~~ | ~~C-TDMA~~ | ~~MAC~~ |
| ~~25/0119~~ | ~~consideration on fairness issue for MAP~~ | ~~Yan Li~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| ~~25/0120~~ | ~~Frame Format Design for High-Priority EDCA~~ | ~~Qisheng Huang~~ | ~~Withdrawn~~ | ~~Channel Access~~ | ~~MAC~~ |
| [25/0121](https://mentor.ieee.org/802.11/dcn/25/11-25-0121-00-00bn-further-considerations-on-client-power-save.pptx) | Further Considerations on Client Power Save | Liuming Lu | **Pending** | Power Save | MAC |
| ~~25/0123~~ | ~~Further Considerations on NPCA - Follow up~~ | ~~Liuming Lu~~ | ~~Already Presented~~ | ~~NPCA~~ | ~~MAC~~ |
| [25/0124](https://mentor.ieee.org/802.11/dcn/25/11-25-0124-00-00bn-discussion-on-in-device-coexistence.pptx) | Discussion on In-device Coexistence | Liuming Lu | Pending | Coexistence | MAC |
| ~~25/0125~~ | ~~Interoperability of NPCA primary channel switching conditions~~ | ~~Thomas Handte~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| ~~25/0130~~ | ~~DSO operation and P2P links~~ | ~~Tuncer Baykas~~ | ~~Pending~~ | ~~DSO~~ | ~~MAC~~ |
| ~~25/0131~~ | ~~UHR Operating Mode Notification~~ | ~~Binita Gupta~~ | ~~Pending~~ | ~~Feedback~~ | ~~MAC~~ |
| ~~25/0138~~ | ~~Further Considerations on NPCA Switching Operation~~ | ~~Serhat Erkucuk~~ | ~~Already Presented~~ | ~~NPCA~~ | ~~MAC~~ |
| **Submissions (Second Cut-Off)** | | | | | |
| ~~24/0348~~ | ~~Information exchange in SMD~~ | ~~Ryuichi Hirata~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~24/2096~~ | ~~amsdu-operations-based-on-scs~~ | ~~Yanchao Xu~~ | ~~Pending~~ | ~~SCS~~ | ~~MAC~~ |
| [25/0018](https://mentor.ieee.org/802.11/dcn/25/11-25-0018-00-00bn-considerations-on-stas-without-npca-capability.pptx) | Considerations on STAs without NPCA Capability | Juseong Moon | Pending | NPCA | MAC |
| [~~25/0019~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0019-00-00bn-issues-on-dps-mode-change.pptx) | ~~Issues-on-DPS-Mode-Change~~ | ~~Gwangho Lee~~ | ~~Pending~~ | ~~Power Save~~ | ~~MAC~~ |
| [25/0022](https://mentor.ieee.org/802.11/dcn/25/11-25-0022-00-00bn-dps-sounding-procedure.pptx) | DPS Sounding Procedure | Jiayi Zhang | **Pending** | Power Save | MAC |
| [25/0036](https://mentor.ieee.org/802.11/dcn/25/11-25-0036-00-00bn-issues-on-dps-mode-change-follow-up.pptx) | Issues on DPS Mode Change Follow Up | Gwangho Lee | **Pending** | Power Save | MAC |
| [25/0040](https://mentor.ieee.org/802.11/dcn/25/11-25-0040-01-00bn-thoughts-on-context-transfer-in-seamless-roaming.pptx) | Thoughts on Context Transfer in Seamless Roaming | Zhenpeng Shi | Pending | Roaming | MAC |
| [25/0065](https://mentor.ieee.org/802.11/dcn/25/11-25-0065-01-00bn-considerations-on-npca-operation.pptx) | Considerations on NPCA Operation | Zhenpeng Shi | Pending | NPCA | MAC |
| [~~25/0087~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0087-00-00bn-co-triggering-frame-design-for-cobf.pptx) | ~~Co-Triggering Frame Design for CoBF~~ | ~~Insik Jung~~ | ~~Withdrawn~~ | ~~CBF~~ | ~~Joint~~ |
| ~~25/0148~~ | ~~C-TDMA: Considerations for operating BW and primary channels~~ | ~~Sanket Kalamkar~~ | ~~Pending~~ | ~~C-TDMA~~ | ~~MAC~~ |
| [25/0151](https://mentor.ieee.org/802.11/dcn/25/11-25-0151-00-00bn-fairness-problem-in-pedca.pptx) | Fairness Problem in PEDCA | Juseong Moon | Pending | Coexistence | MAC |
| ~~25/0162~~ | ~~RU indication to reduce scheduling complexity~~ | ~~Jiyang Bai~~ | ~~Pending~~ | ~~Miscellaneous~~ | ~~Joint~~ |
| [~~25/0189~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0189-01-00bn-elicitation-of-response-transmissions-in-coordinated-spatial-reuse.pptx) | ~~Elicitation-of-response-transmissions-in-coordinated-spatial-reuse~~ | ~~Hassan Omar~~ | ~~Pending~~ | ~~CSR~~ | ~~MAC~~ |
| ~~25/0195~~ | ~~High priority channel access-follow up~~ | ~~Xiangxin Gu~~ | ~~Withdrawn~~ | ~~Channel Access~~ | ~~Joint~~ |
| [25/0199](https://mentor.ieee.org/802.11/dcn/25/11-25-0199-00-00bn-power-management-across-multi-link.pptx) | Power management across multi link | Xiangxin Gu | **Pending** | Power Save | MAC |
| ~~25/0235~~ | ~~Considerations on SCS Enhancement - Follow-up~~ | ~~Takuhiro Sato~~ | ~~Pending~~ | ~~QoS~~ | ~~MAC~~ |
| ~~25/0237~~ | ~~Access Delay for Seamless Roaming~~ | ~~Haorui Yang~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~25/0245~~ | ~~EPCS Priority Access Context Transfer~~ | ~~John Wullert~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~25/0254~~ | ~~Co-SR-Power-Control-Considerations~~ | ~~Jason Y. Guo~~ | ~~Pending~~ | ~~CSR~~ | ~~MAC~~ |
| ~~25/0273~~ | ~~Efficient Coex For Non-AP STAs~~ | ~~Brian Hart~~ | ~~Pending~~ | ~~Coexistence~~ | ~~MAC~~ |
| ~~25/0274~~ | ~~Coordinated Spatial Reuse - Additional Classes B or C~~ | ~~Brian Hart~~ | ~~Pending~~ | ~~CSR~~ | ~~MAC~~ |
| ~~25/0275~~ | ~~NPCA for Beacon and DTIM Groupcast Bursts~~ | ~~Brian Hart~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| ~~25/0277~~ | ~~Follow Up on DRUs~~ | ~~Brian Hart~~ | ~~Pending~~ | ~~DRU~~ | ~~MAC~~ |
| ~~25/0278~~ | ~~SMD roaming context transfer~~ | ~~Binita Gupta~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~25/0279~~ | ~~Buffered DL Data Handling for Seamless Roaming~~ | ~~Binita Gupta~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~25/0280~~ | ~~Seamless roaming neighbor recommendation~~ | ~~Binita Gupta~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~25/0281~~ | ~~Multi-STA Block Ack Enhancement for BSR~~ | ~~Binita Gupta~~ | ~~Pending~~ | ~~Control~~ | ~~MAC~~ |
| ~~25/0282~~ | ~~SMD roaming context transfer follow-up~~ | ~~Binita Gupta~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~25/0290~~ | ~~UL Trigger Enhancement~~ | ~~Binita Gupta~~ | ~~Pending~~ | ~~Miscellaneous~~ | ~~MAC~~ |
| [25/0309](https://mentor.ieee.org/802.11/dcn/25/11-25-0309-00-00bn-conditions-of-npca-operation.pptx) | Considerations on NPCA Conditions | Jiayi Zhang | Pending | NPCA | MAC |
| ~~25/0313~~ | ~~roaming-security-procedure~~ | ~~Xuwen Zhao~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| [~~25/0343~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0343-00-00bn-consideration-on-multi-ap-framework-for-co-sr.pptx) | ~~Consideration on Multi-AP framework for Co-SR~~ | ~~Jun Minotani~~ | ~~Pending~~ | ~~CSR~~ | ~~MAC~~ |
| [25/0375](https://mentor.ieee.org/802.11/dcn/25/11-25-0375-01-00bn-txvector-parameters-for-multi-ap-coordination.pptx) | TXVECTOR Parameters for Multi-AP Coordination | Leonardo Lanante | Pending | MAP | Joint |
| [25/0377](https://mentor.ieee.org/802.11/dcn/25/11-25-0377-00-00bn-multiple-shared-ap-allocation-in-co-tdma.pptx) | Multiple Shared AP Allocation in Co-TDMA | Serhat Erkucuk | Pending | C-TDMA | MAC |
| [25/0379](https://mentor.ieee.org/802.11/dcn/25/11-25-0379-00-00bn-considerations-on-uhr-sounding-operation.pptx) | Considerations on UHR Sounding Operation | Leonardo Lanante | Pending | Sounding | Joint |
| ~~25/0382~~ | ~~Simplified Roaming Operation~~ | ~~Po-Kai Huang~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~25/0395~~ | ~~DSO follow up~~ | ~~Gaurang Naik~~ | ~~Pending~~ | ~~DSO~~ | ~~MAC~~ |
| ~~25/0402~~ | ~~Roaming downlink operations~~ | ~~Pooya Monajemi~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~25/0407~~ | ~~Dynamic Bandwidth Expansion (DBE) follow-up~~ | ~~Binita Gupta~~ | ~~Pending~~ | ~~Miscellaneous~~ | ~~MAC~~ |
| ~~25/0408~~ | ~~Roaming Through Target AP follow-up~~ | ~~Binita Gupta~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| 25/0413 | EMLSR-support-during-CBF | Dibakar Das | Presented | CBF | Joint |
| ~~25/0415~~ | ~~Dynamic power save - ICF required~~ | ~~Laurent Cariou~~ | ~~Pending~~ | ~~Power Save~~ | ~~MAC~~ |
| ~~25/0416~~ | ~~NPCA follow-up~~ | ~~Laurent Cariou~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| [**25/0418**](https://mentor.ieee.org/802.11/dcn/25/11-25-0418-01-00bn-npca-operation-with-txop-based-mapc-schemes.pptx) | NPCA Operation with TxOP based MAPC Schemes | Salvatore Talarico | Pending | NPCA | MAC |
| [**25/0419**](https://mentor.ieee.org/802.11/dcn/25/11-25-0419-01-00bn-spatial-reuse-for-npca-capable-stas.pptx) | Spatial Reuse for NPCA Capable STAs | Salvatore Talarico | Pending | NPCA | MAC |
| ~~25/0421~~ | ~~Low Latency indication~~ | ~~Liwen Chu~~ | ~~Pending~~ | ~~Low Latency~~ | ~~MAC~~ |
| ~~25/0422~~ | ~~ICF and NAV operation~~ | ~~Liwen Chu~~ | ~~Pending~~ | ~~Control~~ | ~~MAC~~ |
| [25/0426](https://mentor.ieee.org/802.11/dcn/25/11-25-0426-00-00bn-enhancement-of-dps-operation.pptx) | Enhancement of DPS Operation | Jiayi Zhang | **Pending** | Power Save | MAC |
| ~~25/0430~~ | ~~in-device-coexistence-signaling-details~~ | ~~Sherief Helwa~~ | ~~Pending~~ | ~~Coexistence~~ | ~~MAC~~ |
| ~~25/0436~~ | ~~NAV setting for NPCA~~ | ~~Yue Zhao~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
|  | | | | | |
| **Submissions (Third Cut-Off)** | | | | | |
| [24/0825](https://mentor.ieee.org/802.11/dcn/24/11-24-0825-00-00bn-dynamic-qos.pptx) | Dynamic QoS | Yue Qi | Pending | QoS | MAC |
| [24/1116](https://mentor.ieee.org/802.11/dcn/24/11-24-1116-00-00bn-operating-bandwidth-indication-for-uhr.pptx) | Operating bandwidth indication for UHR | Vishnu Ratnam | Pending | Bandwidth | MAC |
| ~~25/0090~~ | ~~Discussion on Signaling for Dynamic QoS Change~~ | ~~Javier Perez-Ramirez~~ | ~~Pending~~ | ~~QoS~~ | ~~MAC~~ |
| [~~25/0184~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0184-00-00bn-channel-measurement-announcement.pptx) | ~~channel-measurement-announcement~~ | ~~Kaikai Huang~~ | ~~Pending~~ | ~~Miscellaneous~~ | ~~MAC~~ |
| ~~25/0201~~ | ~~Frame Processing Enhancements for TGbn~~ | ~~Michael Montemurro~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| [~~25/0312~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0312-00-00bn-bsr-in-m-sta-ba.pptx) | ~~BSR in M-STA BA~~ | ~~Seongho Byeon~~ | ~~Pending~~ | ~~Control~~ | ~~MAC~~ |
| [~~25/0331~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0331-00-00bn-common-discovery-and-negotiation-procedure-for-mapc.pptx) | ~~Common discovery and negotiation procedure for MAPC~~ | ~~Jonghoe Koo~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| [25/0355](https://mentor.ieee.org/802.11/dcn/25/11-25-0355-00-00bn-considerations-for-ap-dynamic-power-save.pptx) | Considerations for AP Dynamic Power Save | Aditi Singh | **Pending** | Power Save | MAC |
| [25/0357](https://mentor.ieee.org/802.11/dcn/25/11-25-0357-00-00bn-retry-timeout-adjustment-during-edca-periods.pdf) | Retry Timeout Adjustment during EDCA Periods | Behnam Dezfouli | Pending | Miscellaneous | MAC |
| [~~25/0364~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0364-01-00bn-multi-purpose-aid-for-different-feedback-information-in-multi-sta-blockack.pptx) | ~~Different Feedback Information in Multi-STA BlockAck~~ | ~~Yongsen Ma~~ | ~~Pending~~ | ~~Control~~ | ~~MAC~~ |
| [~~25/0378~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0378-00-00bn-multi-ap-coordination-negotiation-indication.pptx) | ~~Multi-AP Coordination Negotiation Indication~~ | ~~Yongsen Ma~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| [25/0380](https://mentor.ieee.org/802.11/dcn/25/11-25-0380-00-00bn-edca-enhancement-with-ap-support.pptx) | EDCA Enhancement with AP support | Yue Qi | Pending | Channel Access | MAC |
| [25/0403](https://mentor.ieee.org/802.11/dcn/25/11-25-0403-00-00bn-i-fcs-location-indication.pptx) | I-FCS location indication | Vishnu Ratnam | Pending | Control | MAC |
| [25/0404](https://mentor.ieee.org/802.11/dcn/25/11-25-0404-00-00bn-dps-parameter-update.pptx) | DPS Parameter Update | Vishnu Ratnam | **Pending** | Power Save | MAC |
| [25/0405](https://mentor.ieee.org/802.11/dcn/25/11-25-0405-00-00bn-npca-parameter-update.pptx) | NPCA parameter update | Vishnu Ratnam | Pending | NPCA | MAC |
| [25/0445](https://mentor.ieee.org/802.11/dcn/25/11-25-0445-00-00bn-discussion-on-coordinated-npca-operation.pptx) | Discussion on Coordinated NPCA Operation | Javier Perez-Ramirez | Pending | NPCA | MAC |
| [~~25/0465~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0465-00-00bn-edca-enhancement-with-ap-support-follow-up.pptx) | ~~EDCA enhancement with AP support follow up~~ | ~~Yue Qi~~ | ~~Pending~~ | ~~Channel Access~~ | ~~MAC~~ |
| [~~25/0478~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0478-00-00bn-incompatibility-issue-between-npca-and-mapc.pptx) | ~~Incompatibility issue between NPCA and MAPC~~ | ~~Junbin Chen~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| [25/0493](https://mentor.ieee.org/802.11/dcn/25/11-25-0493-01-00bn-npca-during-scheduled-periods.pptx) | NPCA during scheduled periods | Zhenpeng Shi | Pending | NPCA | MAC |
| [~~25/0494~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0494-00-00bn-dynamic-scs-use-cases.pptx) | ~~Dynamic SCS follow-up~~ | ~~Yue Qi~~ | ~~Pending~~ | ~~QoS~~ | ~~MAC~~ |
| [~~25/0495~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0495-00-00bn-considerations-in-low-latency-indication.pptx) | ~~Considerations in low latency indication~~ | ~~Yue Qi~~ | ~~Pending~~ | ~~Low Latency~~ | ~~MAC~~ |
| [~~25/0502~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0502-00-00bn-details-on-the-unified-mapc-framework.pptx) | ~~Details on the unified MAPC framework~~ | ~~Junbin Chen~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| [25/0529](https://mentor.ieee.org/802.11/dcn/25/11-25-0529-00-00bn-spatial-reuse-triggered-npca.pptx) | Spatial Reuse triggered NPCA | Yuki Fujimori | Pending | NPCA | MAC |
| [~~25/0539~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0539-01-00bn-cc50-cid-1773-npca-annoucement.pptx) | ~~cc50-cid-1773-npca-annoucement~~ | ~~Chaoming Luo~~ | ~~Withdrawn~~ | ~~NPCA~~ | ~~MAC~~ |
| [~~25/0540~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0540-01-00bn-cc50-cid-1781-1782-cross-link-indication-for-npca.pptx) | ~~cc50-cid-1781-1782-cross-link-indication-for-npca~~ | ~~Chaoming Luo~~ | ~~Withdrawn~~ | ~~NPCA~~ | ~~MAC~~ |
| [~~25/0541~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0541-00-00bn-co-sr-power-control.pptx) | ~~Co-SR Power Control~~ | ~~Huixuan Zhou~~ | ~~Pending~~ | ~~CSR~~ | ~~Joint~~ |
| [~~25/0553~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0553-00-00bn-cross-bss-csi-feedback-for-co-bf.pptx) | ~~Cross-BSS CSI Feedback for Co-BF~~ | ~~Yongsen Ma~~ | ~~Pending~~ | ~~CBF~~ | ~~MAC~~ |
| [~~25/0557~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0557-00-00bn-cc50-cid-1774-discussion-on-npca-and-dps.pptx) | ~~cc50-cid-1774-discussion-on-npca-and-dps~~ | ~~Chaoming Luo~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| [25/0574](https://mentor.ieee.org/802.11/dcn/25/11-25-0574-03-00bn-cobf-sequence-optimization.pptx) | CoBF Sequence Optimization | Avner Epstein | Presented | CBF | Joint |
| ~~25/0575~~ | ~~PPDU Based NPCA~~ | ~~Avner Epstein~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| [~~25/0578~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0578-00-00bn-twt-based-ap-power-save.pptx) | ~~TWT-Based AP Power Save~~ | ~~Yongsen Ma~~ | ~~Pending~~ | ~~Power Save~~ | ~~MAC~~ |
| [~~25/0579~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0579-00-00bn-operating-mode-request-for-multi-ap.pptx) | ~~Operating Mode Request for Multi-AP~~ | ~~Yongsen Ma~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| [~~25/0586~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0586-00-00bn-service-period-based-dynamic-subchannel-operation-sp-based-dso.pptx) | ~~Service Period based Dynamic Subchannel Operation~~ | ~~Seongho Byeon~~ | ~~Pending~~ | ~~DSO~~ | ~~MAC~~ |
| ~~25/0587~~ | ~~Impact of hidden nodes on NPCA performance - Follow Up~~ | ~~Inaki Val~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| [25/0622](https://mentor.ieee.org/802.11/dcn/25/11-25-0622-00-00bn-early-rx-termination-with-i-fcs.pptx) | Early RX termination with I-FCS | Vishnu Ratnam | Pending | Control | MAC |
| [25/0624](https://mentor.ieee.org/802.11/dcn/25/11-25-0624-00-00bn-further-considerations-for-npca-operation.pptx) | Further considerations for NPCA operation | Vishnu Ratnam | Pending | NPCA | MAC |
| ~~25/0629~~ | ~~QoS-aware multi-AP coordination~~ | ~~Jungjun Kim~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| [25/0645](https://mentor.ieee.org/802.11/dcn/25/11-25-0645-00-00bn-r-twt-operation-with-npca.pptx) | R-TWT operation with NPCA | Juseong Moon | Pending | R-TWT | MAC |
| [25/0648](https://mentor.ieee.org/802.11/dcn/25/11-25-0648-00-00bn-status-update-during-npca.pptx) | Status Update During NPCA | Yuxin Lu | Pending | NPCA | MAC |
| [25/0651](https://mentor.ieee.org/802.11/dcn/25/11-25-0651-00-00bn-improvements-for-npca-and-seamless-roaming-interoperability.pptx) | Improvements for NPCA and Seamless Roaming interoperability | Eda Genc | Pending | NPCA | MAC |
| [25/0653](https://mentor.ieee.org/802.11/dcn/25/11-25-0653-00-00bn-timeout-aware-out-of-order-delivery-queues-for-establishing-delay-reliability-tradeoffs.pdf) | Timeout-aware Out-of-order Delivery Queues for Establishing Delay-Reliability Tradeoffs | Behnam Dezfouli | Pending | Miscellaneous | MAC |
| ~~25/0654~~ | ~~Dynamic MPDU Adjustment for A-MPDU Transmission~~ | ~~Ravi Gidvani~~ | ~~Pending~~ | ~~Miscellaneous~~ | ~~MAC~~ |
| [25/0655](https://mentor.ieee.org/802.11/dcn/25/11-25-0655-00-00bn-user-selection-for-co-bf-co-sr-based-on-obss-rssi-measurements.pptx) | User Selection for Co-BF/Co-SR based on OBSS RSSI Measurements | Yongsen Ma | Pending | CBF | Joint |
| [~~25/0664~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0664-00-00bn-considerations-on-tdls-direct-link-in-roaming.pptx) | ~~Considerations on TDLS Direct Link in Roaming~~ | ~~Pei Zhou~~ | ~~Pending~~ | ~~P2P~~ | ~~MAC~~ |
| [25/0666](https://mentor.ieee.org/802.11/dcn/25/11-25-0666-00-00bn-adaptable-traffic-indication.pptx) | Adaptable Traffic Indication | Yuxin Lu | Pending | Miscellaneous | MAC |
| [~~25/0667~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0667-00-00bn-further-considerations-on-multi-ap-coordination.pptx) | ~~Further Considerations on Multi-AP Coordination~~ | ~~Pei Zhou~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| [25/0668](https://mentor.ieee.org/802.11/dcn/25/11-25-0668-00-00bn-considerations-for-improved-data-rates-for-high-mobility-stas.potx) | An Optional Alternative Link Adaptation Mechanism for High-Mobility STAs | Azin Neishaboori | Pending | Miscellaneous | Joint |
| [~~25/0674~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0674-00-00bn-nfrp-mechanism-for-npca.pptx) | ~~NFRP mechanism for NPCA~~ | ~~Junbin Chen~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| [~~25/0675~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0675-00-00bn-preamble-puncturing-during-npca-txop.pptx) | ~~Preamble Puncturing during NPCA TXOP~~ | ~~Junbin Chen~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| [~~25/0680~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0680-00-00bn-uhr-sounding-feedback-extension.pptx) | ~~UHR Sounding Feedback Extension~~ | ~~Qingwei Fu~~ | ~~Pending~~ | ~~Sounding~~ | ~~MAC~~ |
| [~~25/0689~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0689-00-00bn-multi-level-protection-in-co-rtwt-operation.pptx) | ~~Multi-level Protection in Co-RTWT Operation~~ | ~~Qingwei Fu~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| [~~25/0690~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0690-00-00bn-thoughts-on-ack-policy-in-map-co-transmission.pptx) | ~~Thoughts on Ack Policy in MAP Co-transmission~~ | ~~Qingwei Fu~~ | ~~Pending~~ | ~~MAP~~ | ~~MAC~~ |
| [~~25/0691~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0691-00-00bn-considerations-on-security-of-tdls-direct-link-establishment-in-roaming.pptx) | ~~Considerations on Security of TDLS Direct Link Establishment in Roaming~~ | ~~Xuwen Zhao~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| [25/0694](https://mentor.ieee.org/802.11/dcn/25/11-25-0694-01-00bn-uhr-ofdma-sounding-limitations.pptx) | UHR OFDMA Sounding Limitations | Avner Epstein | Pending | CBF | Joint |
| [~~25/0697~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0697-00-00bn-data-flow-analysis-for-seamless-roaming.pptx) | ~~Data Flow Analysis for Seamless Roaming~~ | ~~Yaoshen Cui~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| [~~25/0698~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0698-00-00bn-roaming-without-data-forwarding.pptx) | ~~Roaming Without Data Forwarding~~ | ~~Yaoshen Cui~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| [~~25/0699~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0699-00-00bn-simultaneous-dl-for-seamless-roaming.pptx) | ~~Simultaneous DL for seamless roaming~~ | ~~Yaoshen Cui~~ | ~~Pending~~ | ~~Roaming~~ | ~~MAC~~ |
| ~~25/0704~~ | ~~Simultaneous CoBF ACK Transmission~~ | ~~Genadiy Tsodik~~ | ~~Pending~~ | ~~CBF~~ | ~~PHY~~ |
| ~~25/0706~~ | ~~DSO Details, follow up~~ | ~~Morteza Mehrnoush~~ | ~~Pending~~ | ~~DSO~~ | ~~MAC~~ |
| [**25/0720**](https://mentor.ieee.org/802.11/dcn/25/11-25-0720-00-00bn-enhancing-uhr-for-residential-use-cases.pptx) | Enhancing UHR for Residential Use Cases | Lili Hervieu | Pending | Miscellaneous | Joint |
| [25/0724](https://mentor.ieee.org/802.11/dcn/25/11-25-0724-00-00bn-details-on-over-the-ds-probe-mechanism.pptx) | Details on Over-the-DS Probe Mechanism | Guogang Huang | Pending | Probing | MAC |
| ~~25/0737~~ | ~~DSO follow up~~ | ~~Li Yan~~ | ~~Pending~~ | ~~DSO~~ | ~~MAC~~ |
| ~~25/0739~~ | ~~On Interference Mitigation Pilots~~ | ~~Jiqing Ni~~ | ~~Pending~~ | ~~IM~~ | ~~PHY~~ |
| [25/0745](https://mentor.ieee.org/802.11/dcn/25/11-25-0745-00-00bn-csi-open-issues-in-cbf.pptx) | CSI open issues in CBF | Okan Mutgan | Pending | CBF | Joint |
| [25/0749](https://mentor.ieee.org/802.11/dcn/25/11-25-0749-00-00bn-follow-up-on-ap-power-save.pptx) | Follow-up on AP Power Save | Helene Ralle | **Pending** | Power Save | MAC |
| ~~25/0752~~ | ~~Initial Frame Exchange in Co-SR/Co-BF: Follow-Up~~ | ~~Kosuke Aio~~ | ~~Pending~~ | ~~CBF~~ | ~~PHY~~ |
| **25/0758** | On The Medium Synchronization for NPCA Capable STAs | Salvatore Talarico | Pending  (TBU 06/13) | NPCA | MAC |
| ~~25/0767~~ | ~~CR 1482 Discussion on NPCA Primary Channel Condition~~ | ~~Shravan Kumar~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| [~~25/0769~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0769-00-00bn-dps-icf-indication.pptx) | ~~DPS-ICF-Indication~~ | ~~Jason Guo~~ | ~~Pending~~ | ~~Power Save~~ | ~~MAC~~ |
| [25/0805](https://mentor.ieee.org/802.11/dcn/25/11-25-0805-00-00bn-ldpc-new-matrix-r-1-2.pptx) | LDPC new matrix R=1/2 | Isabelle Siaud | Pending | LDPC | PHY |
| ~~25/0808~~ | ~~Discussion on Design of Interference Mitigation Pilots – Follow up~~ | ~~Ke Zhong~~ | ~~Pending~~ | ~~IM~~ | ~~PHY~~ |
| ~~25/0810~~ | ~~Announcement after the polling phase of Co-TDMA~~ | ~~Taeyoung Ha~~ | ~~Pending~~ | ~~C-TDMA~~ | ~~MAC~~ |
| ~~25/0811~~ | ~~Optimize Mode Transitions in DPS Operation~~ | ~~Sam Shi~~ | ~~Pending~~ | ~~DPS~~ | ~~MAC~~ |
| ~~25/0825~~ | ~~Reusing NAV Timer for NPCA~~ | ~~Si-Chan Noh~~ | ~~Withdrawn~~ | ~~NPCA~~ | ~~MAC~~ |
| ~~25/0826~~ | ~~Adaptive control of NPCA operation~~ | ~~Si-Chan Noh~~ | ~~Withdrawn~~ | ~~NPCA~~ | ~~MAC~~ |
| [~~25/0827~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0827-00-00bn-improvement-on-link-adaptation-feedback.pptx) | ~~Improvement on Link Adaptation Feedback~~ | ~~Ning Gao~~ | ~~Pending~~ | ~~Miscellaneous~~ | ~~MAC~~ |
| [~~25/0828~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0828-00-00bn-improve-the-robustness-of-intermediate-fcs.pptx) | ~~Improve the Robustness of Intermediate FCS~~ | ~~Ning Gao~~ | ~~Pending~~ | ~~Control~~ | ~~MAC~~ |
| [~~25/0829~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0829-00-00bn-early-indication-of-ra-ru-in-dps.pptx) | ~~Early Indication of RA-RU in DPS~~ | ~~Ning Gao~~ | ~~Pending~~ | ~~DPS~~ | ~~MAC~~ |
| ~~25/0835~~ | ~~Coexistence of Features with Operating Mode Switching Operations~~ | ~~Yongsen Ma~~ | ~~Pending~~ | ~~Miscellaneous~~ | ~~MAC~~ |
| ~~25/0837~~ | ~~Link Adaptation with Interference Mitigation~~ | ~~Mrugen Deshmukh~~ | ~~Pending~~ | ~~IM~~ | ~~Joint~~ |
| ~~25/0845~~ | ~~CoBF Nsym Field definition~~ | ~~Rui Cao~~ | ~~Pending~~ | ~~CBF~~ | ~~PHY~~ |
| ~~25/0848~~ | ~~UHR ELR Pilot Tones Clarification~~ | ~~Sigurd Schelstraete~~ | ~~Pending~~ | ~~ELR~~ | ~~PHY~~ |
| ~~25/0849~~ | ~~CID 368: Guard Interval for DRU~~ | ~~Sigurd Schelstraete~~ | ~~Pending~~ | ~~DRU~~ | ~~PHY~~ |
| ~~25/0851~~ | ~~PHY Version indications in Co-SR transmissions~~ | ~~Ross Jian Yu~~ | ~~Pending~~ | ~~CSR~~ | ~~PHY~~ |
| [25/0863](https://mentor.ieee.org/802.11/dcn/25/11-25-0863-00-00bn-signalling-for-inextensible-esses.pptx) | Signalling for inextensible ESSes | Alex LUNGU | Pending | Miscellaneous | MAC |
| ~~25/0864~~ | ~~Channel Access Mechanisms for the NPCA Operation~~ | ~~Shawn Kim~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| [25/0868](https://mentor.ieee.org/802.11/dcn/25/11-25-0868-00-00bn-further-considerations-on-dps-sounding-procedure.pptx) | Further Considerations on DPS Sounding Procedure | Jiayi Zhang | **Pending (CIDs 3741 and 3742)** | Power Save | MAC |
| ~~25/0869~~ | ~~COSR-Misc~~ | ~~You-Wei Chen~~ | ~~Pending~~ | ~~CSR~~ | ~~PHY~~ |
| [25/0871](https://mentor.ieee.org/802.11/dcn/25/11-25-0871-00-00bn-further-considerations-on-npca-switching-conditions.pptx) | Further Considerations on NPCA Switching Conditions | Serhat Erkucuk | Pending | NPCA | MAC |
| ~~25/0872~~ | ~~On CoBF AP’s Carrier Synchronization Overhearing CSI Report in CoBF Sounding~~ | ~~Julia Feng~~ | ~~Pending~~ | ~~CBF~~ | ~~PHY~~ |
| [25/0873](https://mentor.ieee.org/802.11/dcn/25/11-25-0873-00-00bn-p-edca-discussion.pptx) | P-EDCA Discussion | Kiseon Ryu | Pending | Channel Access | MAC |
| [25/0874](https://mentor.ieee.org/802.11/dcn/25/11-25-0874-00-00bn-uhr-bss-parameter-update.pptx) | UHR BSS Parameter Update | Kiseon Ryu | Pending | Miscellaneous | MAC |
| [25/0875](https://mentor.ieee.org/802.11/dcn/25/11-25-0875-00-00bn-npca-for-co-tdma.pptx) | NPCA for Co-TDMA | Jiayi Zhang | Pending (CID 3739) | C-TDMA | MAC |
| [25/0877](https://mentor.ieee.org/802.11/dcn/25/11-25-0877-00-00bn-txop-protection-for-elr-transmissions.pptx) | TXOP protection for ELR Transmissions | Leonardo Lanante | Pending | ELR | Joint |
| [25/0879](https://mentor.ieee.org/802.11/dcn/25/11-25-0879-00-00bn-cobf-signaling-details.pptx) | CoBF Signaling Details | Sherief Helwa | Pending | CBF | Joint |
| [25/0887](https://mentor.ieee.org/802.11/dcn/25/11-25-0887-00-00bn-cca-issue-in-npca-operation.pptx) | CCA Issue in NPCA Operation | Gwangho Lee | Pending | NPCA | MAC |
| [25/0893](https://mentor.ieee.org/802.11/dcn/25/11-25-0893-00-00bn-remaining-issue-for-npca.pptx) | Remaining Issue for NPCA | Jeongki Kim | Pending | NPCA | MAC |
| [25/0903](https://mentor.ieee.org/802.11/dcn/25/11-25-0903-00-00bn-concurrent-ack-to-cobf-ppdu.pptx) | Concurrent Ack to CoBF PPDU | Junghoon Suh | Pending | CBF | PHY |
| ~~25/0922~~ | ~~CR 1783 Challenges in Using Single NPCA Minimum Duration Threshold~~ | ~~Shravan Kumar Kalyankar~~ | ~~Pending~~ | ~~NPCA~~ | ~~MAC~~ |
| [25/0997](https://mentor.ieee.org/802.11/dcn/25/11-25-0997-00-00bn-over-the-air-notification-of-smd-bss-transition-execution-response.pptx) | Over-the-Air Notification of SMD BSS Transition Execution Response | Eda Genc | Pending | Roaming | MAC |
| **Submissions (Fourth Cut-Off) – New Requests (after May F2F)** | | | | | |
| [25/0833](https://mentor.ieee.org/802.11/dcn/25/11-25-0833-00-00bn-ap-assisted-opportunistic-power-saving.pptx) | AP-assisted Opportunistic Power Saving | Michail Koundourakis | Pending | Power Save | MAC |
| [25/0973](https://mentor.ieee.org/802.11/dcn/25/11-25-0973-00-00bn-enhancement-of-link-reconfiguration-request-response-frame.pptx) | Enhancement of link reconfiguration request/response frame | Philip Yang | Pending | Negotiation | MAC |
| [25/0971](https://mentor.ieee.org/802.11/dcn/25/11-25-0971-00-00bn-the-timing-of-initiating-dl-data-forwarding.pptx) | The timing of initiating DL data forwarding | Philip Yang | Pending | Roaming | MAC |
| [25/1022](https://mentor.ieee.org/802.11/dcn/25/11-25-1022-00-00bn-cosr-and-cobf-follow-up.pptx) | CoSR and CoBF follow up | Jay Yang | Pending | CBF/CSR | Joint |
| [25/1019](https://mentor.ieee.org/802.11/dcn/25/11-25-1019-00-00bn-channel-recommendation-for-p2p-communications.pptx) | Channel Recommendation for P2P communications | Chun Huang | Pending | P2P | MAC |
| [25/0761](https://mentor.ieee.org/802.11/dcn/25/11-25-0761-00-00bn-txop-transfer-in-co-rtwt.pptx) | TXOP Transfer in Co-RTWT | Yunbo Li | Pending | C-RTWT | MAC |
| [25/0762](https://mentor.ieee.org/802.11/dcn/25/11-25-0762-00-00bn-extended-transition-mode-for-dps-ap.pptx) | Extended transition mode for DPS AP | Yunbo Li | Pending | Power Save | MAC |
| [25/0763](https://mentor.ieee.org/802.11/dcn/25/11-25-0763-00-00bn-c-rtwt-in-npca-primary-channel.pptx) | C-RTWT in NPCA Primary channel | Yunbo Li | Pending | C-RTWT | MAC |
| [25/1024](https://mentor.ieee.org/802.11/dcn/25/11-25-1024-00-00bn-overlapping-bandwidth-sounding-for-coordinated-beamforming-follow-up.pptx) | Overlapping Bandwidth Sounding for Coordinated Beamforming-follow up | Qisheng Huang | Pending | CBF | Joint |
| [25/1026](https://mentor.ieee.org/802.11/dcn/25/11-25-1026-00-00bn-sequential-ack-procedure-of-co-sr.pptx) | Sequential Ack Procedure of Co-SR | Yurong Qian | Pending | CSR | Joint |
| [25/0374](https://mentor.ieee.org/802.11/dcn/25/11-25-0374-00-00bn-enhancements-to-critical-updates-procedure.pptx) | Enhancements to critical updates procedure | Abhishek Patil | Pending | Miscellaneous | MAC |
|  | | | | | |
| **Pending SPs (work in progress)** | | | | | |
| April 16 | Do you support to define a Multi-STA BlockAck variant that a non-AP STA can use as a response frame to a DL A-MPDU, in order to provide information on bad MPDUs/subframes and cumulative away time for previous PPDU, so that the AP originator can try to distinguish coex issues from channel issues?  Supporting docs: 24/2024 | Michail Koundourakis | **Result:**  **45Y, 56N, 36A** | Coex | MAC |
| April 21 | Do you support to add internal errors reporting in M-BA frame   * Internal (in device) Error Occurred bit is 1 if internal (in-device) error(s) occurred during the reception of the PPDU that solicited the M-BA response   + I.e., unsuccessful RX reports in BlockAck Bitmaps in the M-BA are due to internal errors * Internal (in device) Error Occurred bit is 0 if no internal (in-device) error(s) occurred or if the source of error is unknown   + I.e., unsuccessful RX reports (if any) in BlockAck Bitmaps in M-BA are not due to internal (in-device) errors or if the source of error is unknown * Location of the Internal Error Occurred bit in the M-BA frame is TBD   Note: Internal errors might be due to internal in-device coexistence or other internal limitations  Supporting docs: 24/0414 | Sherief Helwa | **Result:**  **60Y, 40N, 37A** | Coex | MAC |
| April 21 | TGbn defines a special Feedback Per AID TID Info field (name TBD) that carries control feedback in the Multi-STA BA frame   * The control feedback (i.e., unavailability indication) is carried instead of the BlockAck Bitmap in that Feedback Per AID TID Info field * The Ack Type subfield of the Per AID TID Info field is set to 0 and the TID subfield of the Per AID TID Info field is set to ~~a reserved value~~ the value 13 * The AID11 subfield of this Per AID TID Info field is set to ~~a reserved TBD value~~ 2008 if the control feedback is addressed to all STAs or to the AID11 that identifies the intended recipient STA * ~~The Starting Sequence Number field of this Per AID TID Info field is reserved~~ * A “Feedback Type” field (4-bit field – B12 to B15 of the “Block Ack Starting Sequence Control” field) which is set to 0 to indicate that this Per AID TID Info field is carrying CoEx unavailability information.   The rest of the “Starting Sequence Number” bits are reserved.  Supporting docs: 24/0414 | Sherief Helwa | **No need to be ran** | Coex | MAC |
| April 28 | Do you agree to add the following text to the TGbn SFD:   * “11bn shall define a mechanism that enables an AP to request an R-TWT scheduling AP of an OBSS to share the TXOPs obtained during the R-TWT SPs of a desired R-TWT schedule of the R-TWT scheduling AP.   + The request uses the MAPC agreement negotiation procedure”   Supporting docs: 24/1457r0, 25/0289r2 | Gaius Yao Huang Wee | **Result:**  **28Y, 32N, 57A** | C-RTWT | MAC |
| April 28 | Do you agree to add the following text to the TGbn SFD:   * “Upon acceptance of a request to share the TXOPs obtained for an R-TWT schedule with an OBSS AP, the R-TWT Scheduling AP shall share a portion of the TXOPs obtained for the corresponding R-TWT SPs with the OBSS AP by sending an MU-RTS TXS Trigger frame to the OBSS AP. * The sending of the MU-RTS TXS Trigger frame follows Co-TDMA”   Supporting docs: 24/1457r0, 25/0289r2 | Gaius Yao Huang Wee | **Not ran** | C-RTWT | MAC |
| May 10 | Do you agree to include the following into the 11bn SFD?   * When an NPCA STA receives a RTS frame with bandwidth signaling TA and a CTS frame in non-HT (duplicate) PPDU, identification of the channel occupied by the received frames is determined by examining the bandwidth of the non-HT (duplicate) PPDU containing the CTS frame   Supporting document: 11-24/1885r4 | Gwangho Lee | **Pending** | NPCA | MAC |
| May 11 | Do you support that a UHR STA may treat a received ICF trigger frame as successful if the CRC check on the intermediate FCS, if present, passes  Supporting document: ?? | Vishnu Ratnam | **Pending** | ICF | MAC |
| May 12 | Do you support that Co-BF and Co-SR transmission TXOP shall follow the same frame exchange sequence framework?  Co-SR does not need to support EHT eMLSR non-AP STA  Supporting document: ?? | Kaiying Lu | Pending | CBF/CSR | Joint |
| May 13 | Do you agree to enhance the existing SCS framework in 11bn to enable a non-AP STA to dynamically switch from one QoS profile to another QoS profile for an SCS stream?   * The new QoS profile is selected from one of the previously accepted QoS profiles for that SCS stream.   TBD on mechanism for QoS profile switch indication.  Supporting document: ?? | Sunshine Qi | **Pending** | QoS | MAC |
| May 14 | Do you agree to use the following CoBF transmission sequence to support STAs requiring ICF/ICR before data frame exchanges, wherein the frame sequence consists of:   * A CoBF Invite/CoBF Response frame exchange between the sharing and shared APs. * Follows ICF/ICR frame exchanges between the APs and their associated STAs happening sequentially across the two APs; sharing AP then shared AP.   + The presence of the ICF/ICR frame exchange from each AP is conditional on the CoBF PPDU being addressed to one or more STA.   + The presence of the ICF/ICR frame exchange from each AP is indicated in the CoBF Invite/Response frames.   + ICF1-ICR1 are exchanged between the sharing AP and its STAs   + ICF2-ICR2 are exchanged between the shared AP and its STAs * Finally, a CoBF Trigger frame preceding the data PPDUs sent by the two APs simultaneously. * Frame sequence for Ack information polling is TBD.   Whether the CBF-invite and ICF1 can be merged and CBF-response and ICF2 can be merged as below is TBD.  Supporting document: ?? | Sherief Helwa | Pending | CBF | Joint |
| May 14 | Do you agree to use the following sequence for acknowledgement information polling from STAs scheduled in a CoBF transmission sequence   * MU-BAR/BA frame exchanges are used by each AP separately, i.e., sequentially.   NOTE1: The first MU-BAR frame (transmitted by the sharing AP) can be replaced with a basic trigger that is aggregated with the DL PPDU as in baseline.  NOTE2: The frame sequence for eliciting simultaneous ACKs from clients of both sharing and shared APs if agreed in PHY is TBD.  Supporting document: ?? | Sherief Helwa | Pending | CBF | Joint |
| May 14 | If an eMLSR non-AP MLD that receives an ICF addressed to one of its affiliated STAs during CoBF sequences and if the affiliated STA responds with an ICR, then the eMLSR non-AP MLD shall follow the eMLSR procedure defined in 35.3.17, except that the STA shall use an extended time-out period prior to switching back upon inactivity:   * The duration of the extended time-out period shall be sufficient to cover any inactivity period within the COBF sequence, e.g. (but not limited to), from the end of the ICR to the beginning of the data PPDU, or from the DL PPDU until the beginning of the MU-BAR frame from the shared AP for STAs associated with the shared AP * The duration of the extended timeout period(s) is explicitly indicated to the STA in the ICF frame sent by its associated AP.   + Whether there is more than one extended timeout period is TBD * The signaling and derivation of these timeout periods to the STA are TBD. * Once the eMLSR STA(s) switch back to listen mode, they start using the default time-out period (aSIFSTime + aSlotTime + aRxPHYStartDelay) in future TXOPs unless otherwise indicated in the ICF. * This is applicable to CoBF transmission sequence   Supporting document: ?? | Sherief Helwa | Pending | CBF | Joint |
| May 14 | For DPS non-AP STA(s) scheduled with CoBF in high capability mode, the same switch-back behavior as for eMLSR with extended time-out period is used   * The RTS frame shall not be used as an ICF for DPS in the CoBF Transmission sequence even when the DPS STA does not have any DPS padding required   NOTE: The RTS frame cannot be modified to include the extended timeout period usage and the extended timeout period duration indications.  Supporting document: ?? | Sherief Helwa | Pending | CBF | Joint |
| May 14 | Do you agree that an AP shall use the BSRP GI3 Trigger frame variant for the Sounding Invite frame   * The Sounding Response frame shall be M-BA * TBD whether there’s another frame variant allowed for the Sounding Invite/Response frame   Supporting document: ?? | Sherief Helwa | Pending | CBF | Joint |
| May 14 | Do you agree that an AP shall use the BSRP GI3 Trigger frame variant for the CoBF Invite frame   * The CoBF Response frame shall be M-BA * TBD whether there’s another frame variant allowed for the CoBF Invite/Response frame   Supporting document: ?? | Sherief Helwa | Pending | CBF | Joint |
| May 14 | Do you support that if a CoBF sounding sequence within a TxOP includes Cross-BSS and In-BSS sounding, then the Cross-BSS sounding portion shall come first?   * If In-BSS sounding fails, it can be redone using legacy sounding without any involvement of the other AP.   Supporting document: ?? | Sherief Helwa | Pending | CBF | Joint |
| May 14 | Do you agree that an AP MLD that receives an ICR from a STA affiliated with an EMLSR non-AP MLD during CBF data frame exchange does not attempt to transmit to the eMLSR non-AP MLD on another link during the extended time-out periods, per baseline behavior.  Supporting document: ?? | Sherief Helwa | Pending | CBF | Joint |
| May 14 | Do you support that any CoBF sounding sequence that includes Cross-BSS CSI collection shall be initiated by a two-way handshake between the two APs participating in the sequence   * The two-way handshake exchange consists of a Sounding Invite frame and a Sounding Response frame. * The Sounding Invite/Response frame exchange is used to:   + Confirm the availability of both APs for CSI collection.   + TBD for indication whether each AP will include ICF/ICR exchanges with its client or not.   + Further information to be exchanged is TBD.   Supporting document: ?? | Sherief Helwa | Pending | CBF | Joint |
| June 6 | Do you agree to include overlapping bandwidth sounding in 11bn?   * The relevant indications and frame exachanges are TBD.   Supporting document: ?? | Qisheng Huang | Pending | Sounding | PHY |
| June 6 | Do you agree to include overlapping bandwidth sounding in 11bn?   * The overlapping bandwidth could be negotiated through exchange of invite/response frames before the transmission of UHR NDPA. * The sounding bandwidth announced by UHR NDPA might be less than the operating bandwidth of the UHR beamformee.   Supporting document: ?? | Qisheng Huang | Pending | Sounding | PHY |
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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 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:
  + POCs/Authors are requested to check/provide the total number of CIDs and explicit TBDs that are being addressed in each existing PDT/CR contribution in the queue (same applies for new PDT/CR contribution requests).
  + SPs for MAC will be allocated once every two conf calls (of the same pattern).
    - Requested SPs for CR/PDTs from conf calls with no SPs will be moved to subsequent conf calls during which SPs can be ran.
  + Authors of technical submissions are invited to review the technical submissions queues and requested to:
    - Send a request for removal of the submission from the queue, if the concepts in the submission are planned to (or are) being handled via a CR/PDT.
    - Upload the contribution and send an e-mail to the TGbn chair to update the link to the contribution by end of next week (Sunday, June 8th, 2025). Submissions that have not been uploaded by then and have not been requested to update the link to the document, will be removed from the technical submission queue.
* PDT/CR Submissions (1 hour):
  + [25/0636](https://mentor.ieee.org/802.11/dcn/25/11-25-0636-04-00bn-joint-pdt-cr-trigger-frame-format-part-5.docx) Joint PDT CR Trigger Frame Format Part 5 Alice Chen [15C SP]
    - SP: deferred.
  + [25/0657](https://mentor.ieee.org/802.11/dcn/25/11-25-0657-02-00bn-cr-for-clause-3-2-part-2.doc) CR for Clause 3.2-part 2 Xiaofei WANG [18C]
    - SP: do you agree to incorporate the CRs proposed for the following CIDs as contained 11-25/657r3 into the next 11bn draft:
      * 870 1453 1454 1456 1457 1492 1744 2655 2658 2659 2812 2813 2830 2839 2840 3157 3613 3817
      * Result: No objection.
  + [25/0633](https://mentor.ieee.org/802.11/dcn/25/11-25-0633-00-00bn-joint-pdt-cr-trigger-frame-format-part-2.docx) Joint PDT CR Trigger Frame Format Part 2 Alice Chen [93C]
    - Schedule SP in next Joint session.
* Technical Submissions – CBF (15 mins each):
  + [24/2060](https://mentor.ieee.org/802.11/dcn/24/11-24-2060-01-00bn-csr-cobf-protocol-design.pptx) CSR/COBF Protocol Design Kosuke Aio
  + [24/2124](https://mentor.ieee.org/802.11/dcn/24/11-24-2124-00-00bn-frame-sequence-for-csr-and-cbf.pptx) Frame-Sequence-for-CSR-and-CBF Jason Yuchen Guo
  + [~~25/0087~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0087-00-00bn-co-triggering-frame-design-for-cobf.pptx) ~~Co-Triggering Frame Design for CoBF Insik Jung~~
  + [25/0413](https://mentor.ieee.org/802.11/dcn/25/11-25-0413-00-00bn-support-for-emlsr-during-cbf.pptx) EMLSR-support-during-CBF Dibakar Das
  + [25/0574](https://mentor.ieee.org/802.11/dcn/25/11-25-0574-05-00bn-cobf-sequence-optimization.pptx) CoBF Sequence Optimization Avner Epstein
    - To be continued.
  + [25/0655](https://mentor.ieee.org/802.11/dcn/25/11-25-0655-00-00bn-user-selection-for-co-bf-co-sr-based-on-obss-rssi-measurements.pptx) User Selection for Co-BF/Co-SR based on OBSS RSSI Measurements Yongsen Ma
  + [25/0694](https://mentor.ieee.org/802.11/dcn/25/11-25-0694-01-00bn-uhr-ofdma-sounding-limitations.pptx) UHR OFDMA Sounding Limitations Avner Epstein
  + [25/0745](https://mentor.ieee.org/802.11/dcn/25/11-25-0745-00-00bn-csi-open-issues-in-cbf.pptx) CSI open issues in CBF Okan Mutgan
  + 25/0879 CoBF Signaling Details Sherief Helwa
* Straw Polls:
* AoB:
* Adjourn

### 2nd Conf. Call: June 02 (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:
* CR/PDT SPs:
  + [~~25/0538~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0538-02-00bn-cc50-cid-1780-discussion-on-npca-switch-back.docx) ~~cc50-cid-1780-discussion-on-npca-switch-back Chaoming Luo [1C SP]~~
  + [25/0571](https://mentor.ieee.org/802.11/dcn/25/11-25-0571-05-00bn-cr-mac-cc50-cids-1550-1551-and-1553.docx) CR-MAC-CC50-CIDs 1550,1551 and 1553 Yajun Cheng [3C SP]
  + [~~25/0638~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0638-03-00bn-crs-for-cid-related-to-definitions-in-mapc-scheme.docx) ~~CRs for CID related to definitions in MAPC scheme Chun Huang [19C SP]~~
* CR/PDT Submissions:
  + [~~25/0552~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0552-05-00bn-cr-mac-cc50-cids-related-to-beacon-optimization.docx) ~~CIDs\_related\_to\_Beacon\_Optimization Abhishek Patil [2C]~~
  + [~~25/0557~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0557-01-00bn-cc50-cid-1774-discussion-on-npca-and-dps.docx) ~~cc50-cid-1774-discussion-on-npca-and-dps Chaoming Luo [1C]~~
  + [25/0621](https://mentor.ieee.org/802.11/dcn/25/11-25-0621-00-00bn-resolution-to-cid-1023.docx) Resolution to CID 1023 Michael Montemurro [1C]
  + [~~25/0639~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0639-02-00bn-cc50-cr-for-cids-related-to-ap-id-assignment.docx) ~~CR for CIDs related to AP ID assgt. Chun Huang [9C]~~
  + [25/0744](https://mentor.ieee.org/802.11/dcn/25/11-25-0744-03-00bn-mac-pdt-cr-37-12-5-parameter-update.docx) CR-37\_12\_5-parameter-update Sherief Helwa [69C]
  + [25/0753](https://mentor.ieee.org/802.11/dcn/25/11-25-0753-01-00bn-pdt-mac-on-seamless-roaming-part-3.docx) MAC on Seamless Roaming Part 3 Duncan Ho [5C]
  + [~~25/0756~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0756-04-00bn-cc50-cr-for-cid-2693.docx) ~~CC50 CR for CID 2693 Eda Genc [1C]~~
  + [25/0838](https://mentor.ieee.org/802.11/dcn/25/11-25-0838-07-00bn-cc50-cr-for-a-mpdu-9-7-3-related-to-the-feedback-information.docx) CR for A-MPDU (9.7.3) related to Feedback info. Hongwon Lee [6C]
  + [25/0839](https://mentor.ieee.org/802.11/dcn/25/11-25-0839-06-00bn-pdt-uhr-mu-operation.docx) PDT UHR MU operation Hongwon Lee [4C]
* AoB:
* Adjourn

### 3rd Conf. Call: June 05 (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:
* SPs - CR/PDT et. al.
  + SP 1 from Michail on Coex

Do you support to define a Multi-STA BlockAck variant that a non-AP STA can use as a response frame to a DL A-MPDU, in order to provide information on bad MPDUs/subframes and cumulative away time for previous PPDU, so that the AP originator can try to distinguish coex issues from channel issues?

Supporting docs: 25/1009

**SP1 Result: 45Y, 56N, 36A; Recorded vote results:**



* + SP 2 from Sherief on Coex.

Do you support to add internal errors reporting in M-BA frame

* Internal (in device) Error Occurred bit is 1 if internal (in-device) error(s) occurred during the reception of the PPDU that solicited the M-BA response
  + I.e., unsuccessful RX reports in BlockAck Bitmaps in the M-BA are due to internal errors
* Internal (in device) Error Occurred bit is 0 if no internal (in-device) error(s) occurred or if the source of error is unknown
  + I.e., unsuccessful RX reports (if any) in BlockAck Bitmaps in M-BA are not due to internal (in-device) errors or if the source of error is unknown
* Location of the Internal Error Occurred bit in the M-BA frame is TBD

Note: Internal errors might be due to internal in-device coexistence or other internal limitations

Supporting docs: 24/0414

**SP2 Result: 60Y, 40N, 37A; Recorded vote results:**

****

* + SP 3 from Sherief on Coex.

TGbn defines a special Feedback Per AID TID Info field (name TBD) that carries control feedback in the Multi-STA BA frame

* The control feedback (i.e., unavailability indication) is carried instead of the BlockAck Bitmap in that Feedback Per AID TID Info field
* The Ack Type subfield of the Per AID TID Info field is set to 0 and the TID subfield of the Per AID TID Info field is set to ~~a reserved value~~ the value 13
* The AID11 subfield of this Per AID TID Info field is set to ~~a reserved TBD value~~ 2008 if the control feedback is addressed to all STAs or to the AID11 that identifies the intended recipient STA
* ~~The Starting Sequence Number field of this Per AID TID Info field is reserved~~
* A “Feedback Type” field (4-bit field – B12 to B15 of the “Block Ack Starting Sequence Control” field) which is set to 0 to indicate that this Per AID TID Info field is carrying CoEx unavailability information.

The rest of the “Starting Sequence Number” bits are reserved.

Supporting docs: 24/0414

**SP3 Result: No need to be ran. Concepts already in the draft.**

* + [25/0437](https://mentor.ieee.org/802.11/dcn/25/11-25-0437-11-00bn-cc-d0-1-subclause-37-11.docx) CC D0.1 subclause 37.11 Laurent Cariou [152C SP]

SP4: Do you agree to incorporate the CRs proposed for the following CIDs as contained 11-25/437r14 into the next 11bn draft?

* 2037 3069 3268 3219 3213 3211 3954 3776 3777 2200 637 1067 2156 2405 2408 2588 628 2426 2589 2590 3190 3690 886 3063 3210 3216 2489 2490 2491 2591 2592 3392 1069 3657 3691 3660 3208 3064 3065 2191 2193 2196 2594 2595 3209 3658 3692 2229 3066 3067 3215 2597 504 648 1884 1885 2454 3951 3693 3694 887 3068 3659 3695 3696 3195 1835 3072 3073 3426 425 629 638 722 1840 1903 1927 1971 2157 2427 2493 2598 3145 3393 3427 3697 3074 3717 1912 3076 3075 723 3077 1839 1886 2599 1913 738 3428 3698 3078 724 1285 2494 2496 2600 3079 3080 3699 3214 103 657 739 799 1286 1887 2495 2601 3082 3700 3765 1844 3081 509 102 2198 2602 3083 1287 2497 2603 3661 3701 658 800 3084 508 649 725 2195 2199 2604 3218 2605 1914 1915 2230 3217 2606 3766 1563 3205, except for 2592, #3690, #3065, #3064. #2491, #2492, #2593, #3716, #3764, 241

**SP4 Result: 69Y, 32N, 29A; Recorded vote results:**



* + SP 5 from Gaius on CR-TWT

Do you agree to add the following text to the TGbn SFD:

* + - “11bn shall define a mechanism that enables an AP to request an R-TWT scheduling AP of an OBSS to share the TXOPs obtained during the R-TWT SPs of a desired R-TWT schedule of the R-TWT scheduling AP.
      * The request uses the MAPC agreement negotiation procedure”

Supporting docs: 24/1457r0, 25/0289r2

**SP Result: 28Y, 32N, 57A; Recorded vote results:**

****

* + SP 6 from Gaius on CR-TWT

Do you agree to add the following text to the TGbn SFD:

* “Upon acceptance of a request to share the TXOPs obtained for an R-TWT schedule with an OBSS AP, the R-TWT Scheduling AP shall share a portion of the TXOPs obtained for the corresponding R-TWT SPs with the OBSS AP by sending an MU-RTS TXS Trigger frame to the OBSS AP.
* The sending of the MU-RTS TXS Trigger frame follows Co-TDMA”

Supporting docs: 24/1457r0, 25/0289r2

**SP Result: Not ran.**

* CR/PDT Submissions:
  + [25/0839](https://mentor.ieee.org/802.11/dcn/25/11-25-0839-06-00bn-pdt-uhr-mu-operation.docx) PDT UHR MU operation Hongwon Lee [4C] - Cont
  + [25/0557](https://mentor.ieee.org/802.11/dcn/25/11-25-0557-01-00bn-cc50-cid-1774-discussion-on-npca-and-dps.docx) cc50-cid-1774-discussion-on-npca-and-dps Chaoming Luo [1C]
  + [25/0639](https://mentor.ieee.org/802.11/dcn/25/11-25-0639-02-00bn-cc50-cr-for-cids-related-to-ap-id-assignment.docx) CR for CIDs related to AP ID assgt. Chun Huang [9C]
  + [25/0508](https://mentor.ieee.org/802.11/dcn/25/11-25-0508-01-00bn-d0-1-cc-subclause-37-11-3.docx) D0.1 CC subclause 37.11.3 Laurent Cariou [113C]
  + [25/0880](https://mentor.ieee.org/802.11/dcn/25/11-25-0880-02-00bn-pdt-mac-on-l4s.docx) PDT MAC on L4S Binita Gupta [2C]
  + [25/0882](https://mentor.ieee.org/802.11/dcn/25/11-25-0882-03-00bn-pdt-mac-uhr-operating-mode-and-parameter-updates.docx) PDT on generic enablement Gaurang Naik [32 TBD]
  + [25/0888](https://mentor.ieee.org/802.11/dcn/25/11-25-0888-00-00bn-tgbn-d0-1-cr-for-cid-2848-3026-3071.docx) TGbn D0.1 CR for CID 2848, 3026, 3071 Suhwook Kim [3C]
* AoB:
* Adjourn

### 4th Conf. Call: June 09 (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:
* CR/PDT Submissions (no SPs):
  + [25/0839](https://mentor.ieee.org/802.11/dcn/25/11-25-0839-06-00bn-pdt-uhr-mu-operation.docx) PDT UHR MU operation Hongwon Lee [4C] - Cont
  + [25/0557](https://mentor.ieee.org/802.11/dcn/25/11-25-0557-01-00bn-cc50-cid-1774-discussion-on-npca-and-dps.docx) cc50-cid-1774-discussion-on-npca-and-dps Chaoming Luo [1C]
  + [25/0639](https://mentor.ieee.org/802.11/dcn/25/11-25-0639-02-00bn-cc50-cr-for-cids-related-to-ap-id-assignment.docx) CR for CIDs related to AP ID assgt. Chun Huang [9C]
  + [25/0880](https://mentor.ieee.org/802.11/dcn/25/11-25-0880-02-00bn-pdt-mac-on-l4s.docx) PDT MAC on L4S Binita Gupta [2C]
  + [25/0882](https://mentor.ieee.org/802.11/dcn/25/11-25-0882-03-00bn-pdt-mac-uhr-operating-mode-and-parameter-updates.docx) PDT on generic enablement Gaurang Naik [32 TBD]
  + [25/0888](https://mentor.ieee.org/802.11/dcn/25/11-25-0888-00-00bn-tgbn-d0-1-cr-for-cid-2848-3026-3071.docx) TGbn D0.1 CR for CID 2848, 3026, 3071 Suhwook Kim [3C]
  + [25/0905](https://mentor.ieee.org/802.11/dcn/25/11-25-0905-00-00bn-cc50-cr-for-subclause-37-12.docx) CC50 CR for subclause 37.12 Kumail Haider [5C]
  + [25/0907](https://mentor.ieee.org/802.11/dcn/25/11-25-0907-00-00bn-cc50-cr-for-clause-9-4-2-aa1.docx) CC50 CR for clause 9.4.2.aa1 Ming Gan [44C]
  + [25/0908](https://mentor.ieee.org/802.11/dcn/25/11-25-0908-00-00bn-cc50-cr-for-clause-9-4-2-aa2.docx) CC50 CR for clause 9.4.2.aa2 Ming Gan [37C]
  + [25/0909](https://mentor.ieee.org/802.11/dcn/25/11-25-0909-00-00bn-cc50-cr-for-clause-37-3.docx) CC50 CR for clause 37.3 Ming Gan [26C]
  + [25/0910](https://mentor.ieee.org/802.11/dcn/25/11-25-0910-00-00bn-cc50-cr-for-clause-37-4.docx) CC50 CR for clause 37.4 Ming Gan [12C]
* AoB:
* Adjourn

### 5th Conf. Call: June 12 (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:
* TGbn Editor’s Report and POC Status Report
  + [25/301r3](https://mentor.ieee.org/802.11/dcn/25/11-25-0301-03-00bn-tgbn-editor-s-report.ppt) TGbn Editor's Report Ross J. Yu
  + TBD
* PDT/CR Submissions (1 hour):
  + [25/0636](https://mentor.ieee.org/802.11/dcn/25/11-25-0636-05-00bn-joint-pdt-cr-trigger-frame-format-part-5.docx) Joint PDT CR Trigger Frame Format Part 5 Alice Chen [15C SP?]
  + [25/0633](https://mentor.ieee.org/802.11/dcn/25/11-25-0633-01-00bn-joint-pdt-cr-trigger-frame-format-part-2.docx) Joint PDT CR Trigger Frame Format Part 2 Alice Chen [93C SP]
  + [25/0707](https://mentor.ieee.org/802.11/dcn/25/11-25-0707-05-00bn-cc50-cr-for-clause-6-part-2.docx) CC50 CR for clause 6 part 2 Yan Li [11C]
  + [25/0852](https://mentor.ieee.org/802.11/dcn/25/11-25-0852-01-00bn-cc50-cr-for-mib.docm) CC50 CR for MIB Yan Li [12C]
  + [25/0766](https://mentor.ieee.org/802.11/dcn/25/11-25-0766-00-00bn-pdt-mac-and-cr-coordinated-spatial-reuse-protocol.docx) PDT MAC and CR Coordinated SR Protocol Jason Guo [13C]
  + [25/0781](https://mentor.ieee.org/802.11/dcn/25/11-25-0781-01-00bn-cc50-editorial-comments-part-3.docx) CC50 editorial comments part 3 Ross Jian Yu [6C]
* Technical Submissions – CBF (15 mins each):
  + [25/0574](https://mentor.ieee.org/802.11/dcn/25/11-25-0574-05-00bn-cobf-sequence-optimization.pptx) CoBF Sequence Optimization Avner Epstein (cont.)
  + [25/0655](https://mentor.ieee.org/802.11/dcn/25/11-25-0655-00-00bn-user-selection-for-co-bf-co-sr-based-on-obss-rssi-measurements.pptx) User Selection for Co-BF/Co-SR based on OBSS RSSI Measurements Yongsen Ma
  + [25/0694](https://mentor.ieee.org/802.11/dcn/25/11-25-0694-01-00bn-uhr-ofdma-sounding-limitations.pptx) UHR OFDMA Sounding Limitations Avner Epstein
  + [25/0745](https://mentor.ieee.org/802.11/dcn/25/11-25-0745-00-00bn-csi-open-issues-in-cbf.pptx) CSI open issues in CBF Okan Mutgan
  + [25/0879](https://mentor.ieee.org/802.11/dcn/25/11-25-0879-00-00bn-cobf-signaling-details.pptx) CoBF Signaling Details Sherief Helwa
* Straw Polls (CBF/CSR):
  + …
* AoB:
* Adjourn

### 6th Conf. Call: June 16 (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:
* CR/PDT SPs:
  + [25/0599](https://mentor.ieee.org/802.11/dcn/25/11-25-0599-13-00bn-pdt-mac-mapc-signaling-and-protocol-aspects.docx) PDT MAC MAPC Sig. & Protocol Aspects Giovanni Chisci [30C SP]
  + [25/0638](https://mentor.ieee.org/802.11/dcn/25/11-25-0638-04-00bn-crs-for-cid-related-to-definitions-in-mapc-scheme.docx) CRs for CID related to definitions in MAPC scheme Chun Huang [19C SP]
* Technical SPs (5 mins each):
  + SP1 from Gwangho:

Do you agree to include the following into the 11bn SFD?

* + When an NPCA STA receives a RTS frame with bandwidth signaling TA and a CTS frame in non-HT (duplicate) PPDU, identification of the channel occupied by the received frames is determined by examining the bandwidth of the non-HT (duplicate) PPDU containing the CTS frame

*Supporting document: 11-24/1885r4*

**SP1 Result:**

* + SP2 from Vishnu:

Do you support that a UHR STA may treat a received ICF trigger frame as successful if the CRC check on the intermediate FCS, if present, passes

*Supporting document: ??*

**SP2 Result:**

* + SP3 from Sunshine:

Do you agree to enhance the existing SCS framework in 11bn to enable a non-AP STA to dynamically switch from one QoS profile to another QoS profile for an SCS stream?

* + The new QoS profile is selected from one of the previously accepted QoS profiles for that SCS stream.
  + TBD on mechanism for QoS profile switch indication.

*Supporting document: ??*

**SP3 Result:**

* CR/PDT Submissions:
  + [25/0936](https://mentor.ieee.org/802.11/dcn/25/11-25-0936-03-00bn-pdt-cr-mac-npca-cc50.docx) PDT-CR-MAC-CC50-NPCA Matthew Fischer [384C]
  + [25/0931](https://mentor.ieee.org/802.11/dcn/25/11-25-0931-03-00bn-pdt-crs-mac-lli.docx) PDT-CRs-MAC-LLI Mohamed Abouelseoud[60C]
  + [25/0915](https://mentor.ieee.org/802.11/dcn/25/11-25-0915-00-00bn-pdt-cr-for-elr-mac.docx) PDT/CR for ELR MAC Alfred Asterjadhi [3C]
  + 25/0920 PDT MAC Coex clause 6 CID2190 Brian Hart [1C]
  + [25/0929](https://mentor.ieee.org/802.11/dcn/25/11-25-0929-00-00bn-cc50-cr-for-cid-3140.docx) CC50 CR for CID 3140 Jeongki Kim [1C]
  + [25/0932](https://mentor.ieee.org/802.11/dcn/25/11-25-0932-00-00bn-cr-1482-discussion-on-npca-primary-channel-condition.docx) CR 1482 Discussion on NPCA Primary Channel Condition Shravan Kumar [1C]
  + [25/0933](https://mentor.ieee.org/802.11/dcn/25/11-25-0933-00-00bn-cr-1783-challenges-in-using-single-npca-minimum-duration-threshold.docx) CR 1783 Challenges in Using Single NPCA Minimum Duration Threshold Shravan Kumar [1C]
* AoB:
* Adjourn

### 7th Conf. Call: June 19 (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:
* CR/PDT Submissions (no SPs):
  + [25/0508](https://mentor.ieee.org/802.11/dcn/25/11-25-0508-01-00bn-d0-1-cc-subclause-37-11-3.docx) D0.1 CC subclause 37.11.3 Laurent Cariou [113C]
  + [25/0890](https://mentor.ieee.org/802.11/dcn/25/11-25-0890-00-00bn-d0-1-cc-subclause-37-9-2.docx) D0.1 CC subclause 37.9.2 Laurent Cariou [29C]
  + [25/0937](https://mentor.ieee.org/802.11/dcn/25/11-25-0937-01-00bn-cc50-cr-for-cids-3824-3861-3862-and-3863.docx) CR for CIDs 3824, 3861, 3862 and 3863 Hanqing Lou [4C]
  + [25/0942](https://mentor.ieee.org/802.11/dcn/25/11-25-0942-00-00bn-mac-pdt-37-8-2-1-cobf.docx) MAC-PDT-CR-37\_8\_2\_1-CoBF Sherief Helwa [7C]
  + [25/0946](https://mentor.ieee.org/802.11/dcn/25/11-25-0946-01-00bn-cc50-pdt-cr-mac-on-receiving-icf-with-ifcs.docx) MAC on receiving ICF with IFCS Vishnu Ratnam [3C]
  + 25/0743 CR-37\_12\_4-PUO Sherief Helwa [43C]
* AoB:
* Adjourn

### 8th Conf. Call: June 23 (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**
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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:
* CR/PDT Submissions (no SPs):
  + [25/0994](https://mentor.ieee.org/802.11/dcn/25/11-25-0994-00-00bn-cc50-cr-for-cids-1872-1879-and-1880-npca-operation.docx) CR for CIDs 1872, 1879 and 1880 - NPCA operation Shawn Kim [3C]
  + [25/0993](https://mentor.ieee.org/802.11/dcn/25/11-25-0993-00-00bn-cc50-cr-for-cids-1437-1906-1907-1908-overlapping-quiet-interval-for-co-rtwt.docx) CC50 CR for CIDs 1437, 1906, 1907, 1908 Hyeonjun Sung [4C]
* AoB:
* Adjourn

### 9th Conf. Call: June 26 (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**
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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:
* PDT/CR Submissions:
  + [25/0768](https://mentor.ieee.org/802.11/dcn/25/11-25-0768-00-00bn-pdt-mac-and-cr-coordinated-beamforming-protocol.docx) PDT MAC and CR Coordinated Beamforming Protocol Jason Guo [7C]
  + …
* Motions:
* Straw Polls:
* AoB:
* Adjourn

### 10th Conf. Call: June 30 (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;
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  + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
  + Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
  + Please record your attendance during the conference call by using the IMAT system:
    - 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:
* CR/PDT SPs:
  + [25/0669](https://mentor.ieee.org/802.11/dcn/25/11-25-0669-03-00bn-cr-cc50-mac-cids-in-clause-37-9-1.docx) cr cc50 mac cids in clause 37.9.1 Liwen Chu [125C SP]
  + …
* CR/PDT Submissions:
* Technical Submissions – topic:
* AoB:
* Adjourn

### 11th Conf. Call: July 05 (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

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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:
* CR/PDT SPs:
  + …
* CR/PDT Submissions (SPs):
* Technical Submissions – topic:
* AoB:
* Adjourn

### 12th Conf. Call: July 07 (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:
* CR/PDT Submissions (no SPs):
* Technical Submissions – topic:
* AoB:
* Adjourn

### 13th Conf. Call: July 10 (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:
* PDT/CR Submissions:
* Motions:
* Straw Polls:
* AoB:
* Adjourn

## 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>