IEEE P802.11
Wireless LANs

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| TGbn May 2025 to July 2025 teleconference agendas |
| Date: 2025-07-01 |
| 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 6-8: 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.
* Rev 9: Updated after the fifth conf call.
* Rev 10: Updated after the 6th conf call. Cleaned up the technical submissions queues by removing the outdated submissions past the deadline.
* Rev 11: Updated after the 7th conf call.
* Rev 12-14: Updated after the 8th and 9th conf call.
* Rev 15-16: Updated after the 10th conf call.
* Rev 17: Updated after the 11th conf call.

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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/PHY 19:00-21:00 ET**
* **July 03 (Thursday) – MAC 10:00-12:00 ET**
* **July 07 (Monday) – MAC/PHY 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 | R4M-140C | 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 | Presented | 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 | Presented**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 | Presented**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 | R4M-2C | 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 | Presented | 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 | R4M-29C | 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 | R4M-87C | CR93 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 | CR15CIDs/2TBDs | Joint |
| [25/0638](https://mentor.ieee.org/802.11/dcn/25/11-25-0638-07-00bn-crs-for-cid-related-to-definitions-in-mapc-scheme.docx) | CRs for CID related to definitions in MAPC scheme | Chun Huang | R4M-17C | 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 | Presented | 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~~ | **~~Already Presented~~** | ~~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~~ | **~~Already Presented~~** | ~~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 | R4M-9C | CR-11 CID | Joint |
| [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 | R4M-3C | 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 | Presented | 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~~ | **~~Withdrawn~~** | ~~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 | CR-14C | 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 | Presented | 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 | Presented | 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 | R4M-2C | 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 | R4M-6C | 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**Pending SP** | 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 | R4M-12C | 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 | Presented | 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 | Presented | 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 | Presented | 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 | R4M-3C | 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 | Presented**Pending SP** | 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 | Presented**Pending SP** | 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 | R4M-21C | 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 | R4M-7C | 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 | **Presented** | CR-3C | MAC |
| 25/0920 | PDT MAC Coex clause6 CID2190 | Brian Hart | **Presented** | 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 | **Presented** | 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 | **Presented** | 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 | **Presented** | 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 | **Presented** | 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 | **Presented** | 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 | R4M-4C | 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 | Joint |
| [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 | R4M-1C | 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 | R4M-1C | CR-1C | 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 | Presented | CR-14C | 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 | R4M-14C | 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 | R4M-5C | CR-5C | 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 | R4M-6C | 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 | Presented | 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 | Presented | 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 | Presented | 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 | Presented | CR-2C | MAC |
| 25/1025 | PDT MAC UHR Critical Updates Procedures | Abhishek Patil | Pending | CR-1C | MAC |
| 25/1071 | PDT/CR for ICF/ICR details with multiple modes | Alfred Asterjadhi | Pending | PDT/CR? | MAC |
| [25/1081](https://mentor.ieee.org/802.11/dcn/25/11-25-1081-00-00bn-cc50-cr-for-pilot-subcarriers.docx) | CC50 CR for Pilot subcarriers | Chenchen Liu | Pending | CR-29C | PHY |
| 25/1084 | CR for 38.3.5 (Interference Mitigation) | Shimi Shilo | Pending | CR-3C | PHY |
| 25/1087 | PDT - Setting TXVECTOR parameters for UHR PPDU | Jeongki Kim | Pending | PDT | MAC |
| [25/1090](https://mentor.ieee.org/802.11/dcn/25/11-25-1090-00-00bn-cr-cc50-mac-cids-in-clause-9-4-1-85.docx) | cr cc50 mac cids in clause 9.4.1.85 | Liwen Chu (NXP) | Pending | CR-11C | MAC |
| 25/1091 | PDT MAC on modes enablement and parameter updates at the AP | Gaurang Naik | Pending | CR-10C | MAC |
| [25/1049](https://mentor.ieee.org/802.11/dcn/25/11-25-1049-00-00bn-pdt-mac-mapc-pasn-part-1.docx) | PDT MAC MAPC PASN part 1 | Jay Yang | Pending | CR-4C | MAC |
| [25/1094](https://mentor.ieee.org/802.11/dcn/25/11-25-1094-00-00bn-cr-cc50-mac-cids-in-clause-37-13.docx) | cr cc50 mac cids in clause 37.13 | Liwen Chu | Pending | CR-16C | MAC |
| [25/1085](https://mentor.ieee.org/802.11/dcn/25/11-25-1085-00-00bn-pdt-phy-cobf.docx) | PDT-PHY-CoBF | Ron Porat | Pending | PDT | PHY |
| 25/1101 | PDT-CR MAC on Seamless Roaming Part 5 | Duncan Ho | Pending | CR-5C | MAC |
| [25/1097](https://mentor.ieee.org/802.11/dcn/25/11-25-1097-00-00bn-cc50-mac-cids-in-clause-37-14.docx) | cc50 mac cids in clause 37.14 | Liwen Chu | Pending | CR-13C | MAC |
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| **Submissions (First Cut-Off)** |
| [24/1732](https://mentor.ieee.org/802.11/dcn/24/11-24-1732-02-00bn-txop-sharing-in-contention-style.pptx) | TXOP sharing in contention style | Junbin Chen | Presented | TXOP sharing | 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 | Presented | Power Save | MAC |
| 24/2124 | Frame-Sequence-for-CSR-and-CBF | Jason Yuchen Guo | Presented | CSR | Joint |
| [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 |
| [25/0068](https://mentor.ieee.org/802.11/dcn/25/11-25-0068-00-00bn-individually-addressed-bsrp-trigger-frame-and-multi-sta-blockack.pptx) | Individually Addressed BSRP Trigger Frame and Multi-STA BlockAck  | Shawn Kim | Pending | Coexistence | 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 |
| [25/0121](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 |
| [25/0124](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 |
| [25/0131](https://mentor.ieee.org/802.11/dcn/25/11-25-0131-00-00bn-uhr-operating-mode-notification.pptx) | UHR Operating Mode Notification | Binita Gupta | Pending | Feedback | MAC |
| **Submissions (Second Cut-Off)** |
| [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 |
| [25/0022](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 |
| [25/0151](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 |
| [25/0189](https://mentor.ieee.org/802.11/dcn/25/11-25-0189-02-00bn-elicitation-of-response-transmissions-in-coordinated-spatial-reuse.pptx) | Elicitation-of-response-transmissions-in-coordinated-spatial-reuse | Hassan Omar | Pending | CSR | MAC |
| [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 |
| [25/0237](https://mentor.ieee.org/802.11/dcn/25/11-25-0237-00-00bn-access-delay-for-seamless-roaming.pptx) | Access Delay for Seamless Roaming | Haorui Yang | Pending | Roaming | MAC |
| [25/0277](https://mentor.ieee.org/802.11/dcn/25/11-25-0277-00-00bn-follow-up-on-drus.pptx) | Follow Up on DRUs | Brian Hart | Pending | DRU | Joint |
| [25/0278](https://mentor.ieee.org/802.11/dcn/25/11-25-0278-00-00bn-smd-roaming-context-tranfer.pptx) | SMD roaming context transfer | Binita Gupta | Pending | Roaming | MAC |
| [25/0279](https://mentor.ieee.org/802.11/dcn/25/11-25-0279-00-00bn-buffered-dl-data-handling-for-seamless-roaming.pptx) | Buffered DL Data Handling for Seamless Roaming | Binita Gupta | Pending | Roaming | MAC |
| ~~25/2090~~ | ~~UL Trigger Enhancement~~ | ~~Binita Gupta~~ | ~~Pending~~~~(ETA 48 hours)~~~~Not uploaded~~ | ~~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](https://mentor.ieee.org/802.11/dcn/25/11-25-0313-00-00bn-roaming-security-procedure.pptx) | Roaming-security-procedure | Xuwen Zhao | Pending | Roaming | 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 | Presented | CBF | Joint |
| [25/0408](https://mentor.ieee.org/802.11/dcn/25/11-25-0408-00-00bn-roaming-through-target-ap-follow-up.pptx) | Roaming Through Target AP follow-up | Binita Gupta | Pending | Roaming | MAC |
| 25/0413 | EMLSR-support-during-CBF | Dibakar Das | Presented | CBF | Joint |
| [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 |
| [25/0426](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 |
| [25/0436](https://mentor.ieee.org/802.11/dcn/25/11-25-0436-00-00bn-nav-setting-for-npca.pptx) | NAV setting for NPCA | Yue Zhao | Pending | NPCA | MAC |
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| **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 |
| [25/0355](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(CR) | 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(CR) | 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(CR) | 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 |
| [25/0478](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 |
| [25/0529](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 |
| [25/0541](https://mentor.ieee.org/802.11/dcn/25/11-25-0541-02-00bn-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 |
| [25/0574](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 |
| [25/0578](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 |
| [25/0622](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(CR) | 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 |
| [25/0645](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 |
| [25/0655](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 | Presented | 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 |
| [25/0680](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 |
| [25/0691](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 | Presented | 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](https://mentor.ieee.org/802.11/dcn/25/11-25-0704-00-00bn-simultaneous-cobf-ack-transmission.pptx) | Simultaneous CoBF ACK Transmission | Genadiy Tsodik | Pending | CBF | PHY |
| [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 |
| [25/0739](https://mentor.ieee.org/802.11/dcn/25/11-25-0739-00-00bn-on-interference-mitigation-pilots.pptx) | 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 | Presented | 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](https://mentor.ieee.org/802.11/dcn/25/11-25-0752-00-00bn-initial-frame-exchange-in-co-sr-co-bf-follow-up.pptx) | Initial Frame Exchange in Co-SR/Co-BF: Follow-Up | Kosuke Aio | Presented | CBF | PHY |
| [25/0758](https://mentor.ieee.org/802.11/dcn/25/11-25-0758-00-00bn-on-the-medium-synchronization-for-npca-capable-stas.pptx) | On The Medium Synchronization for NPCA Capable STAs | Salvatore Talarico | 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](https://mentor.ieee.org/802.11/dcn/25/11-25-0808-00-00bn-discussion-on-design-of-interference-mitigation-pilots-follow-up.pptx) | Discussion on Design of Interference Mitigation Pilots – Follow up | Ke Zhong | Pending | IM | PHY |
| [25/0811](https://mentor.ieee.org/802.11/dcn/25/11-25-0811-00-00bn-optimize-mode-transitions-in-dps-operation.pptx) | Optimize Mode Transitions in DPS Operation | Sam Shi | Pending | DPS | 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](https://mentor.ieee.org/802.11/dcn/25/11-25-0835-00-00bn-coexistence-of-features-with-operating-mode-switching-operations.pptx) | Coexistence of Features with Operating Mode Switching Operations | Yongsen Ma | Pending | Miscellaneous | MAC |
| [25/0845](https://mentor.ieee.org/802.11/dcn/25/11-25-0845-00-00bn-cobf-nsym-field-definition.pptx) | CoBF Nsym Field definition | Rui Cao | Pending | CBF | PHY |
| [25/0848](https://mentor.ieee.org/802.11/dcn/25/11-25-0848-00-00bn-uhr-elr-pilot-tones-clarification.docx) | UHR ELR Pilot Tones Clarification | Sigurd Schelstraete | Pending | ELR | PHY |
| [25/0849](https://mentor.ieee.org/802.11/dcn/25/11-25-0849-00-00bn-cid-368-guard-interval-for-dru.pptx) | CID 368: Guard Interval for DRU | Sigurd Schelstraete | Pending | DRU | PHY |
| [25/0851](https://mentor.ieee.org/802.11/dcn/25/11-25-0851-00-00bn-phy-version-indications-in-co-sr-transmissions.pptx) | PHY Version indications in Co-SR transmissions | Ross Jian Yu | Presented | 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 |
| [25/0868](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](https://mentor.ieee.org/802.11/dcn/25/11-25-0869-01-00bn-cosr-misc.pptx) | 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](https://mentor.ieee.org/802.11/dcn/25/11-25-0872-00-00bn-on-cobf-ap-s-carrier-synchronization-overhearing-csi-report-in-cobf-sounding.pptx) | 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 | Presented | 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 |
| [25/0997](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 |
| [25/0467](https://mentor.ieee.org/802.11/dcn/25/11-25-0467-00-00bn-hp-edca-followup-ds-sync-discussion.pptx) | HP EDCA followup - DS Sync-Discussion | Yonggang Fang | Pending | P-EDCA | MAC |
| [25/0468](https://mentor.ieee.org/802.11/dcn/25/11-25-0468-00-00bn-hp-edca-followup-condition-to-use-ds.pptx) | HP EDCA followup - Condition to use DS | Yonggang Fang | Pending | P-EDCA | MAC |
| 25/1034 | OBSS CSI Report Check for Co-BF | Kosuke Aio | Pending | CSR | Joint |
| 25/1033 | Co-SR/Co-BF Frame Sequence for eMLSR STA | Kosuke Aio | Pending | CSR | Joint |
| [24/1405](https://mentor.ieee.org/802.11/dcn/24/11-24-1405-03-00bn-discussion-on-aspects-in-dru-operation-follow-up.pptx) | Discussion on aspects in DRU operation - follow up | Arik Klein | Pending | DRU | Joint |
| [24/1224](https://mentor.ieee.org/802.11/dcn/24/11-24-1224-03-00bn-joint-medium-access-and-txop-sharing.pptx) | Joint Medium Access and TXOP Sharing | Yongsen Ma | Pending | TXOP sharing | MAC |
| [25/1036](https://mentor.ieee.org/802.11/dcn/25/11-25-1036-00-00bn-mapc-pasn-follow-up.pptx) | MAPC PASN follow up | Jay Yang | Pending | MAP | MAC |
| 25/1061 | How to further minimize the duration of connectivity loss for SMD BSS transition | Kyosuke Inoue | Pending | Roaming | MAC |
| [25/0985](https://mentor.ieee.org/802.11/dcn/25/11-25-0985-01-00bn-a-novel-approach-to-reduce-the-size-of-the-beamforming-feedback-report-in-wi-fi-networks.pptx) | A Novel Approach to Reduce the Size of the Beamforming Feedback Report in Wi-Fi Networks | Sawaira Ali | Pending | Sounding | PHY |
| [25/1001](https://mentor.ieee.org/802.11/dcn/25/11-25-1001-02-00bn-adaptive-power-boosting-design-for-dru.pptx) | Adaptive power boosting design for dRU | Sawaira Ali | Pending | DRU | PHY |
|  |  |  |  | CSR |
| **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 limitationsSupporting 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 | **Deferred** | 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, passesSupporting document: ?? | Vishnu Ratnam | **No objection** | 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 STASupporting document: ?? | Kaiying Lu | **Deferred** | 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: 24/0825, 24/0660, 24/1752, 25/0494 | Yue 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 | SP ran  | 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 | **Deferred** | 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 APThe duration of the extended timeout period is explicitly indicated to the STA in the ICF frame sent by its associated AP.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 | Sherief Helwa | SP ran | 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 usedThe 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 requiredNOTE: The RTS frame cannot be modified to include the extended timeout period usage and the extended timeout period duration indications. | Sherief Helwa | SP ran | CBF | Joint |
| May 14 | Do you agree that an AP shall use the BSRP NTB Trigger frame variant for the Sounding Invite frameThe Sounding Response frame shall be M-BATBD whether there’s another frame variant allowed for the Sounding Invite/Response frameSupporting document: [25/412, 25/0879] | Sherief Helwa | SP ran | 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 |
| June 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

The reference docs for all the SPs are: [24/412, 25/879] | Sherief Helwa | Pending | CBF/CSR | Joint |
| June 17 | Do you agree to define a new NDP flavor (UHR NDP), that will be designated as OFDMA PPDU, thus be able to support OFDMA puncturing schemes?Supporting document: 25/694r2 | Avner Epstein | Pending | Sounding | Joint |
| June 17 | Do you agree to define a UHR Sounding Operation procedure, that will be based on EHT Sounding Operation but using UHR NDP instead of EHT NDP, in order to be able to perform fresh sounding for Partial BW DL MU-MIMO?Supporting document: 25/694r2 | Avner Epstein | Pending | Sounding | Joint |
| June 25 | Do you support the following resolution for CID 3570:“Revised - TGbn editor: D0.3 already incorporated the changes to resolve this comment based on motion 1 to motion 4 in DCN# 11-25/687r1. No further changes are needed.” | Lin Yang | Pending | ELR | PHY |
| July 2 | SP in 11-25/734r2 | Ron Porat | Pending | CBF | PHY |
|  |  |  |  |  |  |
| **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. |

## Tracking of TBDs in TGbn D0.3.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Clause | Topic | PoC | TBDs | Notes |
| Clause 6 |   | Yan Li | 6 |  4 TBDs resolved in [11-25/0707r7](https://mentor.ieee.org/802.11/dcn/25/11-25-0707-07-00bn-cc50-cr-for-clause-6-part-2.docx) [presented] – Yan 2 TBDs resolved in [25/0552r7](https://mentor.ieee.org/802.11/dcn/25/11-25-0552-07-00bn-cr-mac-cc50-cids-related-to-beacon-optimization.docx) [R4M] – Abhi |
| Clause 9 | 9.2.4.6.4 HE variant | Liwen Chu | 2 |  2 TBDs resolved in [11-25/0890r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0890-01-00bn-d0-1-cc-subclause-37-9-2.docx) [to be presented] – Laurent |
| 9.3.1.22 Trigger frame format | Alice Chen | 18 | 19 TBDs resolved in [11-25/0633r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0633-02-00bn-joint-pdt-cr-trigger-frame-format-part-2.docx) [R4M] – Alice2 TBDs resolved in [11-25/0636r5](https://mentor.ieee.org/802.11/dcn/25/11-25-0636-05-00bn-joint-pdt-cr-trigger-frame-format-part-5.docx) [presented] – Alice |
| 9.4.1.85 DPS Operation Parameters | Liwen Chu | 5 |  Resolved in [25/1090r0](https://mentor.ieee.org/802.11/dcn/25/11-25-1090-00-00bn-cr-cc50-mac-cids-in-clause-9-4-1-85.docx) [to be presented]– Liwen |
| 9.4.2.aa1 UHR Operation Element | Ming Gan | 6 |  Resolved in [25/0907r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0907-02-00bn-cc50-cr-for-clause-9-4-2-aa1.docx) [presented] – Ming |
| 9.4.2.aa2 UHR Capabilities element | Ming Gan | 2 |  Resolved in [25/0908r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0908-01-00bn-cc50-cr-for-clause-9-4-2-aa2.docx) [presented] – Ming  |
| 9.6.7.69 MAPC Request frame format | Arik Klein | 2 |  Resolved in [11-25/0599r15](https://mentor.ieee.org/802.11/dcn/25/11-25-0599-13-00bn-pdt-mac-mapc-signaling-and-protocol-aspects.docx) [presented] – Giovanni |
| 9.6.7.70 MAPC Response frame format | Arik Klein | 2 |  Resolved in [11-25/0599r15](https://mentor.ieee.org/802.11/dcn/25/11-25-0599-13-00bn-pdt-mac-mapc-signaling-and-protocol-aspects.docx) [presented] – Giovanni |
| 9.6.10 Protected Dual of Public Action frame details | Jay Yang | 2 |  Resolved in [11-25/0599r15](https://mentor.ieee.org/802.11/dcn/25/11-25-0599-13-00bn-pdt-mac-mapc-signaling-and-protocol-aspects.docx) [presented] – Giovanni |
| Clause 37 | 37.5 Prioritized EDCA | Dmitry Akhmetov | 1 |  There is no TBD, only one <ANA>.  |
| 37.6 UHR Acknowledgement Procedure | Ming Gan | 1 | Ack procedure for ELRTo be resolved in [11-25/0909r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0909-01-00bn-cc50-cr-for-clause-37-3.docx) [presented]* Pending confirmation.
 |
| 37.14 SMD BSS transition | Duncan Ho | 14 |  1 TBD resolved in 25/1101 |
| 37.15 Power management | Liwen Chu | 17 | 10 TBDs resolved in [11-25/0669](https://mentor.ieee.org/802.11/dcn/25/11-25-0669-03-00bn-cr-cc50-mac-cids-in-clause-37-9-1.docx) [presented] – Liwen7 TBDs resolved in [11-25/0882](https://mentor.ieee.org/802.11/dcn/25/11-25-0882-04-00bn-pdt-mac-uhr-operating-mode-and-parameter-updates.docx) [presented] – Gaurang |
| 37.16 Non-primary channel access (NPCA) | Matthew Fischer | 16 |  16 TBDs resolved in 11-25/936r7* Ask to resolve the other 2 TBDs in 11-25/936r7
 |
| 37.17 Unavailability reporting and parameter updates | Laurent Cariou | 37 | 13 TBDs resolved in [25/437](https://mentor.ieee.org/802.11/dcn/25/11-25-0437-17-00bn-cc-d0-1-subclause-37-11.docx) (Laurent) [R4M]11 TBDs resolved in [25/508](https://mentor.ieee.org/802.11/dcn/25/11-25-0508-02-00bn-d0-1-cc-subclause-37-11-3.docx) (Laurent) [presented]14 TBDs resolved in [25/744](https://mentor.ieee.org/802.11/dcn/25/11-25-0744-04-00bn-mac-pdt-cr-37-12-5-parameter-update.docx) (Sherief) [presented] |
| 37.20 Padding for an ICF | Liwen Chu | 1 |  1 TBD resolved in [25/1097](https://mentor.ieee.org/802.11/dcn/25/11-25-1097-00-00bn-cc50-mac-cids-in-clause-37-14.docx) (Liwen) |
| 37.22 Low Latency Indication | Mohamed Abouelseoud | 3 |  3 TBDs resolved in [11-25/0931](https://mentor.ieee.org/802.11/dcn/25/11-25-0931-03-00bn-pdt-crs-mac-lli.docx) [presented] |
| Clause 38 | 38.3.5 Interference mitigation | Shimi Shilo | 13 |  13 TBDs to be resolved in 11-25/1084 |
| 38.3.16.8 Pilot subcarriers | Chenchen Liu | 5 |  5 TBDs to be resolved in [11-25/1081](https://mentor.ieee.org/802.11/dcn/25/11-25-1081-00-00bn-cc50-cr-for-pilot-subcarriers.docx) |
| 38.3.22 Coordinated spatial reuse | Jason Yuchen Guo | 1 | 1 TBD to be resolved in [11-25/0766r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0766-02-00bn-pdt-mac-and-cr-coordinated-spatial-reuse-protocol.docx) [presented] |
| Annex C |   | Yan Li | 1 |  Resolved in [11-25/852r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0852-02-00bn-cc50-cr-for-mib.docx) [R4M]  |
|   | Total |   | 155 |   |

## 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); 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); 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), Xiaofei Wang (xiaofei.wang@interdigital.com), and Srinivas Kandala (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); 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), Xiaofei Wang (xiaofei.wang@interdigital.com), and Srinivas Kandala (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:**

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* + 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); 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), Xiaofei Wang (xiaofei.wang@interdigital.com), and Srinivas Kandala (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); 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:
	+ **Update of the technical submission queues (does not apply to PDT/CRs):**The deadline is extended to end of this week **(Sunday 15 June, 2025 EOD)**. After the deadline passes, all submissions that are currently in ~~red~~ in the technical submission queues will be removed from the queues (i.e., those that did not receive a request to be kept and the link to the submission).
* 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 and spreadsheet (296r24) Ross J. Yu
* PDT/CR Submissions (1 hour):
	+ [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]

SP: do you agree to incorporate the CRs proposed for these CIDs contained in 11-25/633r2 into the next 11bn draft:

* + - 11, 12, 13, 14, 15, 59, 60, 112, 281, 282, 365, 366, 367, 407, 552, 553, 554, 555, 556, 614, 815, 1196, 1197, 1198, 1199, 1268, 1317, 1569, 1606, 1607, 1608, 1729, 1986, 2085, 2086, 2087, 2088, 2089, 2090, 2341, 2343, 2663, 2664, 2808, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2895, 2896, 2897, 2898, 2899, 2900, 2901, 2902, 2903, 3162, 3163, 3206, 3272, 3285, 3286, 3287, 3475, 3476, 3477, 3632, 3634, 3636, 3637, 3638, 3639, 3640, 3641, 3642, 3724, 3836

SP result: No objection.

* + [25/0905](https://mentor.ieee.org/802.11/dcn/25/11-25-0905-02-00bn-cc50-cr-for-subclause-37-12.docx) CC50 CR for subclause 37.12 Kumail Haider [5C SP]

Deferred (author not present).

* + [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]

SP: do you agree to incorporate the CRs proposed for these CIDs contained in 11-25/707r7 into the next 11bn draft

* + - 1383, 2854, 2855, 2856, 2857, 2858, 2847, 2849, 2851
		- Note: Author will remove the figure and bring it back as part of a separate contribution.

SP result: No objection.

* + [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]

SP: do you agree to incorporate the CRs proposed for these CIDs contained in 11-25/852r2 into the next 11bn draft

* 362, 363, 396, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019

SP result: No objection.

* + [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]

SP: do you agree to incorporate the CRs proposed for these CIDs contained in 11-25/781r1 into the next 11bn draft

* 184, 399, 1329, 2860, 2923, 3544

SP result: No objection.

* + 25/0905 CC50 CR for subclause 37.12 Kumail Haider [5C SP]

SP: do you agree to incorporate the CRs proposed for these CIDs contained in 11-25/905r3 into the next 11bn draft

* 2169, 2170, 2171

SP result: No objection.

* 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
		- Continue with Q&A.
	+ [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: None.
* 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); 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), Xiaofei Wang (xiaofei.wang@interdigital.com), and Srinivas Kandala (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:
	+ [25/0638](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]

* + [25/0599](https://mentor.ieee.org/802.11/dcn/25/11-25-0599-14-00bn-pdt-mac-mapc-signaling-and-protocol-aspects.docx) PDT MAC MAPC Sig. & Protocol Aspects Giovanni Chisci [30C SP]
* Technical SPs (5 mins each):
	+ 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: No objection.**

* CR/PDT Submissions:

* + [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]
	+ [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]
* 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); 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), Xiaofei Wang (xiaofei.wang@interdigital.com), and Srinivas Kandala (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):
	+ [25/0936](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](https://mentor.ieee.org/802.11/dcn/25/11-25-0920-00-00bn-pdt-mac-coex-clause6-cid2190.docx) 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

### 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); 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), Xiaofei Wang (xiaofei.wang@interdigital.com), and Srinivas Kandala (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):
	+ [25/0931](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](https://mentor.ieee.org/802.11/dcn/25/11-25-0920-00-00bn-pdt-mac-coex-clause6-cid2190.docx) 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]
	+ [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]
	+ [25/0946](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]
	+ [25/0994](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]
	+ [25/0539](https://mentor.ieee.org/802.11/dcn/25/11-25-0539-01-00bn-cc50-cid-1773-npca-annoucement.docx) cc50-cid-1773-npca-annoucement Chaoming Luo [1C]
	+ [25/0540](https://mentor.ieee.org/802.11/dcn/25/11-25-0540-01-00bn-cc50-cid-1781-1782-cross-link-indication-for-npca.docx) cc50-cid-1781-1782-cross-link-indication-for-npca Chaoming Luo [2C]
	+ 25/1025 PDT MAC UHR Critical Updates Procedures Abhishek Patil [1C]
* 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); 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 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 - part 1:
	+ [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]
* Technical Submissions and SPs CBF:
	+ [25/0745](https://mentor.ieee.org/802.11/dcn/25/11-25-0745-01-00bn-csi-open-issues-in-cbf.pptx) CSI open issues in CBF Okan Mutgan
		- Continue with Q&A.
	+ [25/0879](https://mentor.ieee.org/802.11/dcn/25/11-25-0879-01-00bn-cobf-signaling-details.pptx) CoBF Signaling Details Sherief Helwa
	+ [25/0379](https://mentor.ieee.org/802.11/dcn/25/11-25-0379-01-00bn-considerations-on-uhr-sounding-operation.pptx) Considerations on UHR Sounding Operation Leonardo Lanante
	+ Straw Polls on CBF

**SP1 (Kaiying): 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: ??

***Result:*** Defer.

**SP2 (Sherief): 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 eMLSR/DPS STA(s).
	+ 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 (if needed)
	+ ICF2-ICR2 are exchanged between the shared AP and its STAs (if needed)
* Finally, a CoBF Trigger frame preceding the data PPDUs sent by the two APs simultaneously.
* Frame sequence for Ack information polling for COBF transmissions is TBD.

Whether the CBF-invite and ICF1 can be merged and/or CBF-response and ICF2 can be merged as below is TBD.

Whether the duration of the ICF/ICR frame exchange (if needed) from each AP is indicated in the CoBF Invite/Response frames is TBD.



Supporting document: [25/412, 25/879]

***Recorded Result: 65Y, 42N, 35A.***



**SP3 (Sherief): 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.

NOTE: TBD who sends the first BAR.



NOTE – This SP only covers the acknowledgment sequence.

Supporting document: [25/412, 25/879, 25/0690]

***Result: Defer.***

**SP4 (Sherief): 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 is explicitly indicated to the STA in the ICF frame sent by its associated AP.
* 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: [25/412, 25/0879]

***Result:*** *No objection.*

**SP5 (Sherief):** 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: [25/412, 25/0879]

***Result:*** *No objection.*

**SP6 (Sherief): Do you agree that an AP shall use the BSRP NTB 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: [25/412, 25/0879]

***Result:*** *No objection.*

**SP7 (Sherief):** Do you agree that an AP shall use the BSRP NTB 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: [25/412, 25/0879]

***Result:*** *No objection.*

**SP8 (Sherief):** 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: [25/412, 25/879]

***Result:*** *Withdrawn (already in PDT).*

**SP9 (Sherief):** 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: [25/412, 25/0879]

***Result:*** *No objection.*

**SP10 (Sherief):** 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: [25/412, 25/0879, 25/0492]

***Result:*** *No objection.*

**SP11 (Sherief):** Do you support that in CBF transmission phase, the Feedback User Info field in the BSRP/MU-RTS Trigger addressed to EMLSR/DPS STA carries the extended timeout period duration?

* A new feedback type value is defined for CoBF.
* An “Extended Timeout Duration” field with a TBD length is included in the Feedback user Info field
	+ The duration value is reported with granularity of 4 us.
	+ A value 0 of the “Extended Timeout Duration” field is an indication to the STA to follow the default eMLSR/DPS switch back behavior, i.e., do not use an extended timeout period.
	+ Whether the field indicates maximum value or actual value is TBD.

Supporting document: [25/412, 25/879]

***Result:*** *No objection.*

**SP12: (Dibakar):** Do you support to allow non-AP STA to enable/disable CoBF/CoSR operation for the non-AP STA by using 11bn’s feature enabling/disabling procedure (by using Link Reconfiguration Request/Notify frame)

* + There are restrictions on how often CoBF/CoSR enablement/disablement requests by the non-AP STA can be sent, those restrictions are TBD”

Supporting doc: [24/413].

***Result:*** *No objection.*

**SP13: (Kosuke):** A Co-BF coordinating AP may ​ indicate an Ack policy of a Co-BF coordinated AP in the Co-BF Trigger frame to avoid Ack collisions.

-As well as Co-SR case.

Supporting doc: [24/2060]

***Result: Resume next call.***

* PDT/CR Submissions - part 2:
	+ [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]
* Technical Submissions (30-45 mins):
	+ [25/0277](https://mentor.ieee.org/802.11/dcn/25/11-25-0277-00-00bn-follow-up-on-drus.pptx) Follow Up on DRUs Brian Hart
	+ [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
* 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); 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), Xiaofei Wang (xiaofei.wang@interdigital.com), and Srinivas Kandala (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:
	+ MAC ad-hoc meeting between July 23-25, 2025, in Espoo, Finland
		- Please send submission requests at least one week (by July 15th, 2025) before the MAC ad-hoc meeting.
		- Please upload the submissions at least 24 hours before the allocated meeting slot (referring to the MAC ad-hoc agenda which is expected to be posted after the above deadline passes).
		- POCs to prepare a status report in terms of remaining TBDs/CIDs and planned submissions to address them during the MAC ad-hoc and MAC meeting slots during the July F2F.
* CR/PDT SPs:
	+ [25/0599](https://mentor.ieee.org/802.11/dcn/25/11-25-0599-15-00bn-pdt-mac-mapc-signaling-and-protocol-aspects.docx) PDT MAC MAPC Sig. & Protocol Aspects Giovanni Chisci [30C SP]
		- SP result (recorded): 58Y, 14N, 27A



* + [~~25/0907~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0907-02-00bn-cc50-cr-for-clause-9-4-2-aa1.docx) ~~CC50 CR for clause 9.4.2.aa1 Ming Gan [44C SP]~~
	+ [~~25/0908~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0908-01-00bn-cc50-cr-for-clause-9-4-2-aa2.docx) ~~CC50 CR for clause 9.4.2.aa2 Ming Gan [37C SP]~~
	+ [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 SP]
	+ [25/0910](https://mentor.ieee.org/802.11/dcn/25/11-25-0910-01-00bn-cc50-cr-for-clause-37-4.docx) CC50 CR for clause 37.4 Ming Gan [12C SP]
	+ [~~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 [2C SP]~~
	+ [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 [6C SP]
	+ [~~25/0839~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0839-09-00bn-pdt-uhr-mu-operation.docx) ~~PDT UHR MU operation Hongwon Lee [2C SP]~~

* + ~~[25/0552](https://mentor.ieee.org/802.11/dcn/25/11-25-0552-06-00bn-cr-mac-cc50-cids-related-to-beacon-optimization.docx) CIDs\_related\_to\_Beacon\_Optimization Abhishek Patil [2C]~~
* CR/PDT Submissions:
	+ [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]
	+ [25/0946](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]
	+ [25/0994](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]
	+ [25/0539](https://mentor.ieee.org/802.11/dcn/25/11-25-0539-01-00bn-cc50-cid-1773-npca-annoucement.docx) cc50-cid-1773-npca-annoucement Chaoming Luo [1C]
	+ [25/0540](https://mentor.ieee.org/802.11/dcn/25/11-25-0540-01-00bn-cc50-cid-1781-1782-cross-link-indication-for-npca.docx) cc50-cid-1781-1782-cross-link-indication-for-npca Chaoming Luo [2C]
	+ 25/1025 PDT MAC UHR Critical Updates Procedures Abhishek Patil [1C]
* AoB:
* Adjourn

### 10th Conf. Call: June 30 (19:00–21:00 ET)–PHY

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

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

* + **Copyright Policy: Participants are advised that**
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* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please record your attendance during the conference call by using the IMAT system:
		- 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbn <MAC/PHY/Joint> conference call that you are attending.
	+ If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Dongguk Lim (dongguk.lim@lge.com), Sigurd Schelstraete (sschelstraete@maxlinear.com), Tianyu Wu (tianyu@apple.com),
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
	+ PHY ad-hoc meeting between July 23-25, 2025, in Espoo, Finland
		- Please send submission requests at least one week (by July 15th, 2025) before the PHY ad-hoc meeting.
		- Please upload the submissions at least 24 hours before the allocated meeting slot (referring to the PHY ad-hoc agenda which is expected to be posted after the above deadline passes).
		- POCs to prepare a status report in terms of remaining TBDs/CIDs and planned submissions to address them during the PHY ad-hoc and PHY meeting slots during the July F2F.
* CR/PDT Submissions (1 hour):
	+ [~~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 [22C]~~
	+ [~~25/0679~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0679-03-00bn-cr-cc50-subclause-38-3-15-9-3.docx) ~~CR CC50 Subclause 38.3.15.9.3 Genadiy Tsodik [14C]~~
	+ [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 [5C]
	+ [~~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 [PDT]~~
	+ [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 [24C]
	+ [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 [2C]
	+ [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 [1C]
	+ [25/0950](https://mentor.ieee.org/802.11/dcn/25/11-25-0950-01-00bn-pdt-and-cr-for-stream-parser.docx) PDT & CR 4 CID 2557 related to stream parser Qinghua Li [1C]
	+ [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 [14C]
	+ [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) CR for UHR-SIG User Specific field – Part 2 Mengshi Hu [14C]
	+ [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 [5C]
* Technical Submissions – CBF/CSR:
	+ [25/0704](https://mentor.ieee.org/802.11/dcn/25/11-25-0704-00-00bn-simultaneous-cobf-ack-transmission.pptx) Simultaneous CoBF ACK Transmission Genadiy Tsodik
	+ [25/0752](https://mentor.ieee.org/802.11/dcn/25/11-25-0752-00-00bn-initial-frame-exchange-in-co-sr-co-bf-follow-up.pptx) Initial Frame Exchange in Co-SR/Co-BF: Follow-Up Kosuke Aio
	+ [25/0845](https://mentor.ieee.org/802.11/dcn/25/11-25-0845-00-00bn-cobf-nsym-field-definition.pptx) CoBF Nsym Field definition Rui Cao
	+ [25/0851](https://mentor.ieee.org/802.11/dcn/25/11-25-0851-00-00bn-phy-version-indications-in-co-sr-transmissions.pptx) PHY Version indications in Co-SR transmissions Ross Jian Yu
	+ [25/0869](https://mentor.ieee.org/802.11/dcn/25/11-25-0869-01-00bn-cosr-misc.pptx) COSR-Misc You-Wei Chen
	+ [25/0872](https://mentor.ieee.org/802.11/dcn/25/11-25-0872-00-00bn-on-cobf-ap-s-carrier-synchronization-overhearing-csi-report-in-cobf-sounding.pptx) On CoBF AP’s Carrier Synchronization Overhearing CSI Report in CoBF Sounding Julia Feng
	+ [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
* AoB:
* Adjourn

### 11th Conf. Call: July 03 (10:00–12:00 ET)–MAC

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

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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), Xiaofei Wang (xiaofei.wang@interdigital.com), and Srinivas Kandala (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:
	+ [25/0437](https://mentor.ieee.org/802.11/dcn/25/11-25-0437-13-00bn-cc-d0-1-subclause-37-11.docx) CC D0.1 subclause 37.11 Laurent Cariou [152 SP]
	+ [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 SP]
	+ [~~25/0764~~](https://mentor.ieee.org/802.11/dcn/25/11-25-0764-03-00bn-peer-to-peer-p2p-pdt.docx) ~~Peer-to-Peer (P2P) PDT Rubayet Shafin [14C SP]~~
	+ [25/0552](https://mentor.ieee.org/802.11/dcn/25/11-25-0552-06-00bn-cr-mac-cc50-cids-related-to-beacon-optimization.docx) CIDs\_related\_to\_Beacon\_Optimization Abhishek Patil [2C SP]
* CR/PDT Submissions:
	+ [25/0540](https://mentor.ieee.org/802.11/dcn/25/11-25-0540-01-00bn-cc50-cid-1781-1782-cross-link-indication-for-npca.docx) cc50-cid-1781-1782-cross-link-indication-for-npca Chaoming Luo [2C]
	+ [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]
	+ [25/1049](https://mentor.ieee.org/802.11/dcn/25/11-25-1049-00-00bn-pdt-mac-mapc-pasn-part-1.docx) PDT MAC MAPC PASN part 1 Jay Yang [4C]
	+ [25/1094](https://mentor.ieee.org/802.11/dcn/25/11-25-1094-00-00bn-cr-cc50-mac-cids-in-clause-37-13.docx) cr cc50 mac cids in clause 37.13 Liwen Chu [16C]
* Technical Submissions – Emptying MAC queue of First Cut-Off (last hour–15’’ each)
	+ [24/1732](https://mentor.ieee.org/802.11/dcn/24/11-24-1732-02-00bn-txop-sharing-in-contention-style.pptx) TXOP sharing in contention style Junbin Chen
	+ [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
	+ [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
	+ [25/0068](https://mentor.ieee.org/802.11/dcn/25/11-25-0068-00-00bn-individually-addressed-bsrp-trigger-frame-and-multi-sta-blockack.pptx) Individually Addressed BSRP Trigger Frame and Multi-STA BlockAck Shawn Kim
	+ [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
	+ [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
* 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); 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), Xiaofei Wang (xiaofei.wang@interdigital.com), and Srinivas Kandala (srini.k1@samsung.com).
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
* Announcements:
* Technical Submissions – Emptying MAC queue of First Cut-Off (15’’ each):
	+ [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 [Q&A]
	+ [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
	+ [25/0068](https://mentor.ieee.org/802.11/dcn/25/11-25-0068-00-00bn-individually-addressed-bsrp-trigger-frame-and-multi-sta-blockack.pptx) Individually Addressed BSRP Trigger Frame and Multi-STA BlockAck Shawn Kim
	+ [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
	+ [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
	+ [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
	+ [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
	+ [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
	+ [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
	+ [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
	+ [25/0131](https://mentor.ieee.org/802.11/dcn/25/11-25-0131-00-00bn-uhr-operating-mode-notification.pptx) UHR Operating Mode Notification Binita Gupta
* AoB:
* Adjourn

### 12th Conf. Call: July 07 (19:00–21:00 ET)–PHY

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

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

* + **Copyright Policy: Participants are advised that**
		- IEEE SA’s copyright policy is described in [Clause 7](https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7) of the IEEE SA Standards Board Bylaws and [Clause 6.1](https://standards.ieee.org/about/policies/opman/sect6.html) of the IEEE SA Standards Board Operations Manual;
		- Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy
	+ **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please record your attendance during the conference call by using the IMAT system:
		- 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbn <MAC/PHY/Joint> conference call that you are attending.
	+ If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Dongguk Lim (dongguk.lim@lge.com), Sigurd Schelstraete (sschelstraete@maxlinear.com), Tianyu Wu (tianyu@apple.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 (1 hour):
	+ [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 [24C]
	+ [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 [1C]
	+ [25/1081](https://mentor.ieee.org/802.11/dcn/25/11-25-1081-00-00bn-cc50-cr-for-pilot-subcarriers.docx) CC50 CR for Pilot subcarriers Chenchen Liu [29C]
	+ [25/1085](https://mentor.ieee.org/802.11/dcn/25/11-25-1085-00-00bn-pdt-phy-cobf.docx) PDT-PHY-CoBF Ron Porat PDT]
* Technical Submissions – CBF/CSR:
	+ [25/0734](https://mentor.ieee.org/802.11/dcn/25/11-25-0734-02-00bn-misc-cbf-topics-part-ii.pptx) Misc. CBF Topics part II Ron Porat [SP]
	+ [25/0704](https://mentor.ieee.org/802.11/dcn/25/11-25-0704-00-00bn-simultaneous-cobf-ack-transmission.pptx) Simultaneous CoBF ACK Transmission Genadiy Tsodik
	+ [25/0845](https://mentor.ieee.org/802.11/dcn/25/11-25-0845-00-00bn-cobf-nsym-field-definition.pptx) CoBF Nsym Field definition Rui Cao
	+ [25/0869](https://mentor.ieee.org/802.11/dcn/25/11-25-0869-01-00bn-cosr-misc.pptx) COSR-Misc You-Wei Chen
	+ [25/0872](https://mentor.ieee.org/802.11/dcn/25/11-25-0872-00-00bn-on-cobf-ap-s-carrier-synchronization-overhearing-csi-report-in-cobf-sounding.pptx) On CoBF AP’s Carrier Synchronization Overhearing CSI Report in CoBF Sounding Julia Feng
	+ [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
* 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); 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:
	+ [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]
* Motions: [11/0024r26](https://mentor.ieee.org/802.11/dcn/25/11-25-0014-26-00bn-tgbn-motions-list-part-2.pptx)
* Straw Polls:

**SP1: (Kosuke):** A Co-BF coordinating AP may ​ indicate an Ack policy of a Co-BF coordinated AP in the Co-BF Trigger frame to avoid Ack collisions.

* -As well as Co-SR case.

Supporting doc: [24/2060]

* Technical Submissions (1 hour):
	+ [25/0277](https://mentor.ieee.org/802.11/dcn/25/11-25-0277-00-00bn-follow-up-on-drus.pptx) Follow Up on DRUs Brian Hart
	+ [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
	+ [25/0541](https://mentor.ieee.org/802.11/dcn/25/11-25-0541-02-00bn-co-sr-power-control.pptx) Co-SR Power Control Huixuan Zhou
	+ [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
	+ [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
	+ [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
* 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**

### 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>