IEEE P802.11  
Wireless LANs

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| TGbe July 2024 Meeting Minutes | | | | |
| Date: 2024-7-16 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Jason Yuchen Guo | Huawei |  |  | guoyuchen@huawei.com |
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Abstract

This document contains the minutes for the July 2024 IEEE 802.11 TGbe sessions.

Revision history:

* Rev0: First version of the document.

Abbreviations:

* C: Comment.
* A: Answer.

# July 15, Monday EVE, Joint (19:30-21:30)

* The Chair, Alfred Asterjadhi (Qualcomm), calls the meeting to order.
* Jason Yuchen Guo (Huawei) is serving as the Secretary.
* Registration information
  + The chair announced that registration is needed to attend this meeting.
* Meeting protocol
  + The chair announced that everyone is required to log in WebEx to vote.
  + Please ensure that the following information is listed correctly when joining the call:
    - "[voter status] First Name Last Name (Affiliation)"
* 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 Wireless Interim/Plenary Session” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <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:
  + Jason Y. Guo ([guoyuchen@huawei.com](mailto:guoyuchen@huawei.com)) & Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
* IEEE 802 and 802.11 IPR policy and procedure
  + Patent Policy: Ways to inform IEEE:
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
    - Speak up now and respond to this Call for Potentially Essential Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair. **Nobody speaks/writes up**.

* + 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

**Copyright Policy was presented.**

* + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Agenda
  + **Summary from May 2024 meeting**
  + **Approve TG minutes from May 2024**
  + CR submissions
    - [24/1067](https://mentor.ieee.org/802.11/dcn/24/11-24-1067-00-00be-recirculation-sa-ballot-cr-for-mlo.docx) Recirculation-SA-Ballot-CR-for-MLO Ming Gan
    - [24/1012](https://mentor.ieee.org/802.11/dcn/24/11-24-1012-05-00be-recirculation-sa-ballot-issue-on-emlsr-and-txs-cid-23167.docx) Recirc. SAB Issue on EMLSR and TXS (CID 23167) Juseong Moon
    - [24/1048](https://mentor.ieee.org/802.11/dcn/24/11-24-1048-00-00be-recirc-sa-cr-emlsr.docx) Recirc SA CR eMLSR Minyoung Park
    - [24/1028](https://mentor.ieee.org/802.11/dcn/24/11-24-1028-03-00be-recirc-sa-cr-for-d6-0-cids.docx) Recirc SA - CR for D6.0 CIDs Binita Gupta
    - [24/1043](https://mentor.ieee.org/802.11/dcn/24/11-24-1043-00-00be-cr-for-cids-for-5-1-5-1-and-9-4-2-3-25-part-2.docx) CR for CIDs for 5.1.5.1 and 9.4.2.3.25 Part 2 Duncan Ho
    - [24/0991](https://mentor.ieee.org/802.11/dcn/24/11-24-0991-05-00be-cr-for-miscellaneous-cids.docx) CR for Miscellaneous CIDs Po-Kai Huang
    - [24/1019](https://mentor.ieee.org/802.11/dcn/24/11-24-1019-02-00be-recirc-sa-cr-for-misc-cids.docx) Recirc SA-CR for Misc CIDs Alfred Asterjadhi
    - [24/1252](https://mentor.ieee.org/802.11/dcn/24/11-24-1252-00-00be-mib-fixes.docx) MIB Fixes Brian Hart
    - [24/1051](https://mentor.ieee.org/802.11/dcn/24/11-24-1051-04-00be-resolutions-for-cids-assigned-to-sanket-sa-ballot-on-d6-0.docx) Resolutions for CIDs assigned to Sanket Sanket Kalamkar
  + **Motions:** [**11-24/442r58**](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-58-00be-tgbe-motions-list-part-4.pptx)
  + Discussions:
    - None
  + Agenda approved with unanimous consent
* **Summary from May 2024 meeting**

The chair quick went throught the status of the CR procedure.

* **Approve TG minutes from May 2024**

**Move to approve TGbe minutes listed below:**

* + May interim: <https://mentor.ieee.org/802.11/dcn/24/11-24-0906-01-00be-tgbe-may-2024-meeting-minutes.docx>
  + Teleconferences May-July: <https://mentor.ieee.org/802.11/dcn/24/11-24-1008-05-00be-tgbe-may-july-teleconference-minutes.docx>

**Move: Jason Yuchen Guo Second: Abhishek Patil**

**Discussion: None**

**Result: Approved with unanimous consent**

* **Submissions**
  + [24/1067](https://mentor.ieee.org/802.11/dcn/24/11-24-1067-00-00be-recirculation-sa-ballot-cr-for-mlo.docx) Recirculation-SA-Ballot-CR-for-MLO Ming Gan

C: in subclause AG, “may” can be replaced by “can”

The chair asked if there’s any objection by adding the following CIDs in doc. 11-24/1067r2 to the motion list.

        23011 23088 23091 23092 23093 23102

No objection.

* + [24/1012](https://mentor.ieee.org/802.11/dcn/24/11-24-1012-05-00be-recirculation-sa-ballot-issue-on-emlsr-and-txs-cid-23167.docx) Recirc. SAB Issue on EMLSR and TXS (CID 23167) Juseong Moon

C: does eMLMR have the same issue?

C: last sentence, should be “PPDU sent by the non-AP STA”.

C: same issue exists in RDG.

C: prefer to reject this CID.

SP: which of the following do you support?

A: adopt text changes of either option1 or option 2

B: reject this CID

C: abstain.

Result: 12%A, 60%B, 28%C

* + [24/1048](https://mentor.ieee.org/802.11/dcn/24/11-24-1048-00-00be-recirc-sa-cr-emlsr.docx) Recirc SA CR eMLSR Laurent Cariou

Discussion: None.

The chair asked if there’s any objection by adding the following CIDs in doc. 11-24/1048r0 to the motion list.

        23133 23167 23168

No objection.

* + [24/1028](https://mentor.ieee.org/802.11/dcn/24/11-24-1028-03-00be-recirc-sa-cr-for-d6-0-cids.docx) Recirc SA - CR for D6.0 CIDs Binita Gupta

C: request more time to review it.

Deferred for 20 min to let members have some time to review.

* + [24/1043](https://mentor.ieee.org/802.11/dcn/24/11-24-1043-00-00be-cr-for-cids-for-5-1-5-1-and-9-4-2-3-25-part-2.docx) CR for CIDs for 5.1.5.1 and 9.4.2.3.25 Part 2 Duncan Ho

C: it’s late stage, it will cause interoperate issue. Suggst to do it in wifi 8.

SP: Do you support resolving 23041 as shown in 11-24/1043r2

Discussion: None

Result:

Y: 40%

N: 26% +1

A: 34%

* + [24/0991](https://mentor.ieee.org/802.11/dcn/24/11-24-0991-05-00be-cr-for-miscellaneous-cids.docx) CR for Miscellaneous CIDs Po-Kai Huang

C: association and ML setup is redundant. ML setup is sufficient.

A: disagree, ML setup is not replacing association.

SP: Do you support resolving 23044 as shown in 11-24/991r5

Discussion: None

Result:

Y: 37%

N: 15%

A: 48% + 1

* + [24/1252](https://mentor.ieee.org/802.11/dcn/24/11-24-1252-00-00be-mib-fixes.docx) MIB Fixes Brian Hart

C: 23164 is already resolved.

C: in the last row of the table in page 8, the Local MAC Address Policy is already in D6.0? A: Yes.

C: can you remove all the examples?

A: OK, removed.

The chair asked if there’s any objection by adding the following CIDs in doc. 11-24/1252r4 to the motion list.

      23146,   23147, 23148, 23165

No objection.

* + [24/1028](https://mentor.ieee.org/802.11/dcn/24/11-24-1028-03-00be-recirc-sa-cr-for-d6-0-cids.docx) Recirc SA - CR for D6.0 CIDs Binita Gupta

SP: Do you support resolving 23019 as shown in 11-24/1028r4

Discussion: None

Result:

Y: 23%

N: 38% + 4

A: 39%

* AOB
  + None
* Recessed at 21:30

# July 16, Tuesday, AM2, Joint (10:30-12:30)

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* Jason Yuchen Guo (Huawei) is serving as the Secretary.
* Registration information
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* Meeting protocol
  + The chair announced that everyone is required to log in WebEx to vote.
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  + Jason Y. Guo ([guoyuchen@huawei.com](mailto:guoyuchen@huawei.com)) & Alfred Asterjadhi ([aasterja@qti.qualcomm.com](mailto:aasterja@qti.qualcomm.com))
* IEEE 802 and 802.11 IPR policy and procedure
  + Patent Policy: Ways to inform IEEE:
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); or
    - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
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    - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy

**Copyright Policy was presented.**

* + **Patent, Participation, Copyright and policy related subclause:** Please refer to Patent And Procedures
* Agenda
  + **Editor’s Report**
  + CR submissions
    - [24/1019](https://mentor.ieee.org/802.11/dcn/24/11-24-1019-02-00be-recirc-sa-cr-for-misc-cids.docx) Recirc SA-CR for Misc CIDs Alfred Asterjadhi
    - 24/1006r2 recycle-SA-for-CIDs-in-subcaluse12.2.12 Jay Yang
  + **Motions:** [**11-24/442r59**](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-59-00be-tgbe-motions-list-part-4.pptx)
  + Discussions:
    - None
  + Agenda approved with unanimous consent
* **Submissions**
  + [24/1019](https://mentor.ieee.org/802.11/dcn/24/11-24-1019-02-00be-recirc-sa-cr-for-misc-cids.docx) Recirc SA-CR for Misc CIDs Alfred Asterjadhi

Discussion: None.

The chair asked if there’s any objection by adding the following CIDs in doc. 11-24/1019r2 to the motion list.

        23020, 23089, 23090

No objection.

* + 24/1006r2 recycle-SA-for-CIDs-in-subcaluse12.2.12 Jay Yang

C: the TGbh is 5.0 or 6.0?

C: the latest version is 5.0, and the group is working towards 6.0.

C: clarify that the changes are only applied to the non-MLO case.

C: editorial suggestions.

* + **Motions:** [**11-24/442r59**](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-59-00be-tgbe-motions-list-part-4.pptx)

**Motion 690 (Joint)**

**Move to approve resolutions to the CIDs:**

* 23146, 23147, 23148, 23165 in [11-24/1252r4](https://mentor.ieee.org/802.11/dcn/24/11-24-1252-04-00be-mib-fixes.docx) & 23041 in [11-24/1043r3](https://mentor.ieee.org/802.11/dcn/24/11-24-1043-03-00be-cr-for-cids-for-5-1-5-1-and-9-4-2-3-25-part-2.docx) & 23044 in [11-24/991r6](https://mentor.ieee.org/802.11/dcn/24/11-24-0991-06-00be-cr-for-miscellaneous-cids.docx) *[6 CIDs]*
* 23019 in [11-24/1028r5](https://mentor.ieee.org/802.11/dcn/24/11-24-1028-05-00be-recirc-sa-cr-for-d6-0-cids.docx) & 23133, 23167, 23168 in [11-24/1048r0](https://mentor.ieee.org/802.11/dcn/24/11-24-1048-00-00be-recirc-sa-cr-emlsr.docx) [6 CIDs]
* 23020, 23089, 23090 in [11-24/1019r2](https://mentor.ieee.org/802.11/dcn/24/11-24-1019-02-00be-recirc-sa-cr-for-misc-cids.docx) & 23011, 23088, 23091, 23092, 23093, 23102 in [11-24/1067r2](https://mentor.ieee.org/802.11/dcn/24/11-24-1067-02-00be-recirculation-sa-ballot-cr-for-mlo.docx) [9 CIDs]

**and incorporate the text changes into the latest TGbe draft.**

**Move: Brian Hart Second: Abhishek Patil**

**Discussion: None.**

**Result: Approved by unanimous consent.**

**Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the Joint telco of July 15th, and July 16th, 2024.**

**Motion 691 (Withdrawal)**

**Move to approve “Rejected” resolutions to the CIDs:**

* 23170 *[1 CID]*

**With the following rejection reason: “The commenter has withdrawn the comment”.**

**Move: Abhishek Patil Second: Binita Gupta**

**Discussion: None.**

**Result: Approved by unanimous consent.**

**Motion 692**

**Move to incorporate the changes in document** [**11-24/1006r4**](https://mentor.ieee.org/802.11/dcn/24/11-24-1006-04-00be-recycle-sa-for-cids-in-subcaluse12-2-12.docx) **to the latest TGbe draft.**

**Move: Jay Yang Second: Binita Gupta**

**Discussion: None.**

**Result: Approved by unanimous consent.**

**2nd Recirculation SA Ballot Motion**

* **Having approved comment resolutions for all of the comments received from the first recirculation SA ballot on P802.11be D6.0 as contained in** [**11-24/994r7**](https://mentor.ieee.org/802.11/dcn/24/11-24-0994-07-00be-ieee-802-11be-recirculation-sa-ballot-comment.xlsx) **[and Motions 690-692 in** [**11-23/442r60**](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-59-00be-tgbe-motions-list-part-4.pptx)**],  
  Instruct the editor to prepare P802.11be D7.0 incorporating these resolutions and,  
  Approve a 10-day SA Recirculation Ballot asking the question “Should P802.11be D7.0 be forwarded to RevCom?”**

**Move: Kumail Haider Second: Abhishek Patil**

**Discussion: None.**

**Preliminary Result: 95% (+4) Y, 0N, 5% Abstain (% out of 75 votes)**

**Result: 75Y, 0N, 4A (passes)**

**P802.11be Conditional Forward to REVcom**

**Approve document** [**11-24-1283**](https://mentor.ieee.org/802.11/dcn/24/11-24-1283-01-00be-p802-11be-report-to-ec-on-conditional-approval-to-forward-draft-to-revcom.pptx) **as the report to the IEEE 802 Executive Committee (EC) on the requirements for conditional approval to forward P802.11be D7.0 to RevCom, and**

**Request the IEEE 802 EC to conditionally approve forwarding P802.11be D7.0 to RevCom.**

**Move: Abhishek Patil Second: Binita Gupta**

**Discussion: None.**

**Preliminary Result: 93% (+3)Y, 0 N, 7% A (% out of 70 votes )**

**Result: 68Y, 0N, 5A (passes)**

* AOB
  + None
* Adjourned at 12:30