IEEE P802.11
Wireless LANs

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| TGbe May 2024 Meeting Minutes |
| Date: 2024-5-13 |
| Author(s): |
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Abstract

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

Revision history:

* Rev0: First version of the document.

Abbreviations:

* C: Comment.
* A: Answer.

# May. 13, Monday, AM2, Joint (10:30-12:30)

* 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) & Alfred Asterjadhi (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); 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 March 2024 meeting**
	+ **Approve TG minutes from March 2024**
	+ **TGbe Officers’ Confirmations**
	+ **TGbe Editor’s Report:** [255r7](https://mentor.ieee.org/802.11/dcn/24/11-24-0255-07-00be-tgbe-editor-s-report-on-initial-sa-ballot.pptx) TGbe Editor's report on initial SA ballot Edward Au
	+ CR submissions
		- [324r5](https://mentor.ieee.org/802.11/dcn/24/11-24-0324-05-00be-cr-for-802-11be-isb.docx) CR for 802.11be ISB Laurent Cariou [6C SP 5’]
		- [359r4](https://mentor.ieee.org/802.11/dcn/24/11-24-0359-04-00be-d5-0-cr-for-p2p-buffer-report.docx) D5.0 CR for P2P buffer report Yunbo Li [1C SP 5’]
		- [373r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0373-02-00be-saballotd5-0-cid22342.docx) SA BallotD5.0-CID22342 Thomas Derham[1C SP 5’]
		- [340r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0340-01-00be-sa-ballot-cr-for-35-3-16-8-3.docx) SA Ballot CR for 35.3.16.8.3 Ming Gan [4C SP 5’]
		- [296r10](https://mentor.ieee.org/802.11/dcn/24/11-24-0296-10-00be-cr-for-miscellaneous-cids.docx) CR for Miscellaneous CIDs Po-Kai Huang [2C SP 5’]
		- [325r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0325-01-00be-cr-for-miscellaneous-cids-on-mlo.docx) CR for miscellaneous CIDs on MLO Giovanni Chisci [2C SP 5’]
		- [828r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0828-00-00be-sa1-bugfixes.docx) SA1: Bugfixes Abhishek Patil
	+ **Motions:** [**11-24/442r49**](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-49-00be-tgbe-motions-list-part-4.pptx)
	+ Report from POCs on Remaining CIDs
	+ Discussions:
		- Yunbo requested to remove doc. 359r4
		- George requested to add doc. 338
	+ Agenda approved with unanimous consent
* **Summary from March 2024 meeting**

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

* **Approve TG minutes from March 2024**

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

* + March plenary: <https://mentor.ieee.org/802.11/dcn/24/11-24-0557-03-00be-tgbe-march-2024-meeting-minutes.docx>
	+ Teleconferences Mar-May: <https://mentor.ieee.org/802.11/dcn/24/11-24-0647-04-00be-tgbe-march-may-teleconference-minutes.docx>

**Move: Jason Yuchen Guo Second: Frank Hsu**

**Discussion: None**

**Result: Approved with unanimous consent**

* **TGbe Officers’ Confirmations**

**Motion:**

* + Confirm Laurent Cariou & Matthew Fischer as TGbe Vice Chairs
	+ Confirm Edward Au as TGbe Technical Editor
	+ Confirm Jason Y. Guo as TGbe Secretary

**Move: Rubayet Shafin Second: Jim Lansford**

**Result: Approved with unanimous consent**

* **TGbe Editor’s Report:** [255r7](https://mentor.ieee.org/802.11/dcn/24/11-24-0255-07-00be-tgbe-editor-s-report-on-initial-sa-ballot.pptx) TGbe Editor's report on initial SA ballot Edward Au

The editor went throught the status of the CR procedure.

* **Submissions**
	+ [324r5](https://mentor.ieee.org/802.11/dcn/24/11-24-0324-05-00be-cr-for-802-11be-isb.docx) CR for 802.11be ISB Laurent Cariou

C: we don’t have to say “now it’s too late” in the resolution column.

C: CID 22072, remove the reference of clause 9 since it does not talk about the inclusion of the TTLM element in the management frame.

The chair asked if there’s any objection by adding the following CIDs in doc. 11-24/0324r8 to the motion list.

        22099, 22230, 22072, 22069, 22068

No objection.

* + Agenda discussion

699r1 from Binita is added since it discussed a CID which is closely related with the previous doc.

No objection is received regarding adding this doc to the agenda.

* + 699r1 SB1 CR for CIDs 22000 and 22001 Binita Gupta

C: have issue with extending this feature to MLO.

**SP:** Do you support resolving 22001 as shown in 11-24/699r1?

Discussion: None.

Result: 33+1Y 39N 34+1A.

* + [373r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0373-02-00be-saballotd5-0-cid22342.docx) SA BallotD5.0-CID22342 Thomas Derham

Discussion: None.

The chair asked if there’s any objection by adding the following CIDs in doc. 11-24/0373r2 to the motion list.

        22342

No objection.

* + [340r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0340-01-00be-sa-ballot-cr-for-35-3-16-8-3.docx) SA Ballot CR for 35.3.16.8.3 Ming Gan

C: we had similar discussions before, there are differences between NSTR and EMLSR, we can not naturally extend it to eMLSR.

C: changing should to shall for eMLSR AP at this moment is not the right thing.

**SP:** Do you support resolving 22210 as shown in 11-24/340r1?

Discussion: None.

Result: 25+1Y 41N 34A.

**SP:** Do you support resolving 22211, 22212, 22213 as shown in 11-24/340r1?

Discussion: None.

Result: 28+1Y 44N 27A.

* + [296r10](https://mentor.ieee.org/802.11/dcn/24/11-24-0296-10-00be-cr-for-miscellaneous-cids.docx) CR for Miscellaneous CIDs Po-Kai Huang

Discussion for CID 22207:

C: addressing the AID conflict for the ML config is also important. Prefer to add the note for the ML config case.

C: prefer not to have the note, the note implies that we still go with the complex rule. We can leave it to implementation. Another way is that we can assign a new AID during the config.

**SP:** Do you support resolving 22207 as shown in 11-24/296r10? (with the note)

Discussion: None.

Result: 39Y 33N 24A.

**SP:** Do you support resolving 22207 as shown in 11-24/296r12? (without the note)

Discussion: None.

Result: 55+1Y 14N 28A.

The chair asked if there’s any objection by adding the following CIDs in doc. 11-24/0296r12 to the motion list.

        22207

No objection.

Discussion for CID 22343:

C: It’s too late to add this change, the product has already been implemented, there’s no necessary to make any change.

C: the only way that makes sense is the current text.

C: there are also many other frames need to be MLD level, which are missing

**SP:** Do you support resolving 22343 as shown in 11-24/296r12? (with the note)

Discussion: None.

Result: 38+1Y 33N 21A.

* + [325r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0325-01-00be-cr-for-miscellaneous-cids-on-mlo.docx) CR for miscellaneous CIDs on MLO Giovanni Chisci

Discussion: None.

The chair asked if there’s any objection by adding the following CIDs in doc. 11-24/0325r1 to the motion list.

       22312, 22313

No objection.

* + 338r0 CIDs related to rTWT George Cherian

C: for general AP MLD, there’s a bit indicating whether the SRS is supported or not. Why do we need to add the “unless” here?

C: The text is already coverred.

SP deferred.

* + **Motions:** [**11-24/442r49**](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-49-00be-tgbe-motions-list-part-4.pptx)

**Motion 678**

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

* 22373 in [11-24/329r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0329-01-00be-sb1-sounding-segmentation.docx) ~~& 22376, 22393, 22394 in~~ [~~11-24/305r4~~](https://mentor.ieee.org/802.11/dcn/24/11-24-0305-04-00be-cr-for-rcm-relevant-cids.docx) & 22016, 22017, 22229 in [11-24/364r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0364-01-00be-sa1-resolution-for-cids-assigned-to-sanket.docx) *[4 CIDs]*
* 22114, 22115, 22116, 22127, 22128, 22141 in [11-24/335r3](https://mentor.ieee.org/802.11/dcn/24/11-24-0335-03-00be-isab-cids-on-p2p.docx) & 22033 in [11-24/358r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0358-01-00be-d5-0-cr-for-miscellaneous-cids.docx) & 22158 in [11-24/343r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0343-02-00be-initial-sa-cr-emlsr-misc.docx) *[8 CIDs]*
* 22206 in [11-24/364r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0364-02-00be-sa1-resolution-for-cids-assigned-to-sanket.docx) & 22367 in [11-24/540r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0540-01-00be-proposed-resolution-for-cid-22367.docx) & 22066, 22067, 22266, 22277, 22328 in [11-24/703r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0703-00-00be-initsa-cr-for-negotiation-of-ttlm.docx) *[7 CIDs]*
* 22026, 22082, 22085, 22086 22083, 22084, 22087, 22240 in [11-24/353r3](https://mentor.ieee.org/802.11/dcn/24/11-24-0353-03-00be-d5-0-cr-for-ml-reconfiguration-part-2.docx) *[8 CIDs]*
* 22188, 22300, 22298, 22297, 22296, 22154, 22299, 22207, 22208, 22257, 22288, 22384, 22203 in [11-24/0371r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0371-02-00be-d5-0-cr-for-cids-on-r-twt-part-1.docx) *[13 CIDs]*
* 22160, 22340 in[11-24/0289r5](https://mentor.ieee.org/802.11/dcn/24/11-24-0289-05-00be-tgbe-sa1-security-comment-resolutions.docx)& 22007, 22008, 22291, 22293 in [11-24/0364r4](https://mentor.ieee.org/802.11/dcn/24/11-24-0364-04-00be-sa1-resolution-for-cids-assigned-to-sanket.docx) & 22202 in [11-24/0739r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0739-01-00be-sa-ballot-cr-for-cid-22202.docx) *[7 CIDs]*
* 22412 in [11-24/738r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0738-01-00be-d5-0-cr-for-cid-22412.docx) & 22287 in [11-24/353r5](https://mentor.ieee.org/802.11/dcn/24/11-24-0353-05-00be-d5-0-cr-for-ml-reconfiguration-part-2.docx) & 22109, 22351 in [11-24/357r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0357-02-00be-initial-sa-ballot-cr-for-35-3-21-2.docx) & 22286 in [11-24/578r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0578-01-00be-channel-usage.docx) *[5 CIDs]*

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

**Move: Mike Montemurro Second: Binita Gupta**

**Discussion: Some discussion.**

**Preliminary Result: 64Y, 5N, 12A**

**Result: 63Y, 4N, 12A (pass)**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of MAC/Joint teleconferences in the second half of April 2024 and May 8th 2024.***

* AOB
	+ None
* Recessed at 12:30

# May. 14, Tuesday EVE, Joint (19:30-21:30)

# May. 16, Thursday AM1 (08:00-10:00)

# May. 16, Thursday PM1 (13:30-15:30)