IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TGbe November 2023 Meeting Minutes | | | | |
| Date: 2023-11-13 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Jason Yuchen Guo | Huawei |  |  | guoyuchen@huawei.com |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document contains the minutes for the November 2023 IEEE 802.11 TGbe sessions.

Revision history:

* Rev0: First version of the document.
* Rev1: add the minutes for the Tuesday PM1 session.
* Rev2: add the mintues for the Thursday AM1 and PM1 joint sessions
* Rev3: add the individual voting results for the requested motions, and the link for the MAC ad hoc sessions

Abbreviations:

* C: Comment.
* A: Answer.

# Nov. 13, Monday, AM1, MAC (08:00-10:00)

* https://mentor.ieee.org/802.11/dcn/23/11-23-2067-00-00be-minutes-for-tgbe-mac-ad-hoc-sessions-in-november-2023-plenary.docx

# Nov. 13, Monday, PM1, Joint (13:30-15:30)

* 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 September meeting, MAC ad-hoc & conf calls**
  + **Progress Report**
  + Submissions:
    - [1810r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1810-00-00be-lb275-cr-for-subclause-6-5-24.docx) CR-for-Subclause-6-5-24 Mark Hamilton [12C]
    - [1811r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1811-00-00be-lb275-cr-for-misc-clause-6-and-7.docx) CR-for-misc-clause-6-and-7 Mark Hamilton [9C]
    - 1545r0 CR for R-TWT - Part 2 Kumail Haider [12C]
    - 1600r1 CR: AP Backoff Procedure for NSTR Operation Juseong Moon [1C]
    - [1894r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1894-00-00be-lb275-cr-for-bug-fix.docx) CR for Bug Fix Ming Gan [0C\*]
    - 1630r1 Unsupported Opclasses in RNR and FILSDF Thomas Derham
  + Discussions:
    - None
  + Agenda approved with unanimous consent
* Technical Submissions**: CR**
  + [1810r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1810-00-00be-lb275-cr-for-subclause-6-5-24.docx) CR-for-Subclause-6-5-24 Mark Hamilton

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1810r1 and incorporate the text changes into the latest TGbe draft?

         19096, 19097, 19222, 19316, 19341, 19479, 19480, 19481, 19482, 19483, 19484, 19619

Discussion: None.

Result: No objection.

* + [1811r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1811-00-00be-lb275-cr-for-misc-clause-6-and-7.docx) CR-for-misc-clause-6-and-7 Mark Hamilton

C: CID 19508, you can say MLD Upper MAC sublayer of the AP MLD

C: is "Recommended" really correct word to use here? it seems this is more than just recommended.

C: there’s a typo of revised.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1811r2 and incorporate the text changes into the latest TGbe draft?

         19223, ~~19470~~, ~~19485~~, 19490 ,~~19507~~, 19508, 19509, 19570, 19735

Discussion: None.

Result: No objection.

* + 1545r0 CR for R-TWT - Part 2 Kumail Haider

C: we have SCS for p2p traffic, why isn’t that enough?

C: if the new bit is not set to 1, we cannot use it for p2p transmission, I need to think about it more.

C: we have TXOP sharing mode 2 and SCS, which can satisfy your needs. This seems to be new stuff, and we need to have more offline discussion.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1545r0 and incorporate the text changes into the latest TGbe draft?

         19400, 19824, 20105, 19818, ~~20116~~, 20082, 19987, 19569

Discussion: None.

Result: No objection.

Note: CID 20116 is wrongly treated as a non-contraversal CID.

The chair asked if there’s any objection of removing CID 20116 from the above SP.

No objection.

* + 1600r1 CR: AP Backoff Procedure for NSTR Operation Juseong Moon

C: it only addresses one type of AP (regular), what does the other type of AP (mobile) do?

C: the long sentence needs to be splitted into two, discussing two different cases separately.

SP deferred.

* + [1894r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1894-00-00be-lb275-cr-for-bug-fix.docx) CR for Bug Fix Ming Gan

Discussion: None.

**SP:** Do you agree to incorporate the changes in 11-23/1894r2 into the latest TGbe draft?

Discussion: None.

Result: No objection.

* + 1630r1 Unsupported Opclasses in RNR and FILSDF Thomas Derham

C: Is this aligned with what we have in TGme?

SP deferred to Tuesday PM1 so that people have some time to check

* + Agenda discussion

The chair asked if there’s any objection by adding doc. 1763r0 to the agenda.

No objection.

* + 1763r0 LB275 CR: PPDU End Time Alignment Juseong Moon

C: there are several means to handle this issue.

C: this statement is too broad.

C: we don’t need to make it too complex, AP can transmit to other STAs, or defer the transmission.

SP deferred to Tuesday PM1.

* Recess at 15:30

# Nov. 14, Tuesday, AM1, MAC (08:00-10:00)

* https://mentor.ieee.org/802.11/dcn/23/11-23-2067-00-00be-minutes-for-tgbe-mac-ad-hoc-sessions-in-november-2023-plenary.docx

# Nov. 14, Tuesday, AM2, MAC/PHY (10:30-12:30)

For the PHY ad hoc meeting:

* https://mentor.ieee.org/802.11/dcn/23/11-23-2087-01-00be-minutes-for-tgbe-phy-ad-hoc-nov-2023-plenary.docx

For the MAC ad hoc meeting:

* https://mentor.ieee.org/802.11/dcn/23/11-23-2067-00-00be-minutes-for-tgbe-mac-ad-hoc-sessions-in-november-2023-plenary.docx

# Nov. 14, Tuesday, PM1, Joint (13:30-15:30)

* 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 September meeting, MAC ad-hoc & conf calls**
  + **Progress Report**
  + Submissions:
    - [1600r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1600-03-00be-lb275-cr-ap-backoff-procedure-for-nstr-operation.docx) CR: AP Backoff Procedure for NSTR Operation Juseong Moon [1C SP]
    - [1630r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1630-02-00be-unsupported-opclasses-in-rnr-and-filsdf.docx) Unsupported Opclasses in RNR and FILSDF Thomas Derham [0C SP]
    - [1763r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1763-01-00be-lb275-cr-ppdu-end-time-alignment.docx) CR: PPDU End Time Alignment Juseong Moon [1C SP]
    - [1781r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1781-00-00be-lb275-cr-on-broadcast-twt.docx) CR on Broadcast TWT Rubayet Shafin  [7C SP]
  + Motions: [**442r30**](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-30-00be-tgbe-motions-list-part-4.pptx)
  + Submissions:
    - [2011r0](https://mentor.ieee.org/802.11/dcn/23/11-23-2011-00-00be-cr-for-misc-cids-part-8.docx) CR for misc CIDs-part 8 Gaurang Naik [4C]
    - 1803r1 Minyoung Park [2C SP]
    - 1798r1 Yunbo Li [3C SP]
    - 1794r2 Yunbo Li [1C SP]
    - 1789r0 Ming Gan [2C SP]
  + Discussions:
    - Revision changes
  + Agenda approved with unanimous consent
* Technical Submissions**: CR**
  + [1600r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1600-03-00be-lb275-cr-ap-backoff-procedure-for-nstr-operation.docx) CR: AP Backoff Procedure for NSTR Operation Juseong Moon

C: the added sentence still does not read well.

C: what does the “it” refer to?

**SP deferred.**

* + [1630r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1630-02-00be-unsupported-opclasses-in-rnr-and-filsdf.docx) Unsupported Opclasses in RNR and FILSDF Thomas Derham

Discussion: None.

**SP:** Do you agree to incorporate the changes in 11-23/1630r3 into the latest TGbe draft?

Discussion: None.

Result: No objection.

* + [1763r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1763-01-00be-lb275-cr-ppdu-end-time-alignment.docx) CR: PPDU End Time Alignment Juseong Moon

C: what exactly is missing from the spec?

A: the delayed transmission is not there.

C: even for self-defer under the STR case, it is allowed. This case is similar. There are a lot of other similar cases. We shouldn’t add text only for this case.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1763r2 and incorporate the text changes into the latest TGbe draft?

         19583

Discussion: None.

Result: 15Y 45N 26A

The chair asked if there’s any objection to reject the corresponding CID(s) with the reason of “No consensus”.

No objection.

* + [1781r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1781-00-00be-lb275-cr-on-broadcast-twt.docx) CR on Broadcast TWT Rubayet Shafin

C: add “or AP MLD” after “non-AP MLD”

C: typo, in the MIB variable, should use capital “C”

C: type, need to add a space.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1781r3 and incorporate the text changes into the latest TGbe draft?

         19962 19954 19959 19960 19955 19957 19958 19964

Discussion: None.

Result: 39Y 38N 26A

The chair asked if there’s any objection to reject the corresponding CID(s) with the reason of “No consensus”.

No objection.

* + Motions

**Approve TG Minutes**

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

* + September interim: <https://mentor.ieee.org/802.11/dcn/23/11-23-1572-02-00be-tgbe-sept-2023-meeting-minutes.docx>
  + Teleconferences Sept-Nov: <https://mentor.ieee.org/802.11/dcn/23/11-23-1813-05-00be-tgbe-september-november-teleconference-minutes.docx>

**Move: Jason Y. Guo Second: James Yee**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 638 (MAC)**

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

* 19121, 19124, 19385, 19383, 19524, 19230, 19491, 19516, 19517, 19635, 19636, 19101, 19068, 19492, 19493, 19637, 19638, 19494, 19639, 19518, 19495, 19384, 19326, 19067, 19496, 20071, 19500 in [11-23/1652r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1652-02-00be-tgbe-lb275-security-comment-resolutions-part-1.docx) *[27 CIDs]*
* 19629, 19529, 19336, 19337, 19335, 19890 in [11-23/1472r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1472-02-00be-lb275-cr-for-eht-mu-operation.docx) *[6 CIDs]*
* 19677, 19928, 19942, 20016, 20017, 20026 in [11-23/1769r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1769-01-00be-lb275-cr-for-ml-reconfiguration-part-5.docx) *[6 CIDs]*
* 19387 in [11-23/1809r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1809-01-00be-cr-for-cid-19387.docx) & 19125, 19314, 19476 19165, 19725, 19727 in [11-23/1794r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1794-01-00be-lb275-cr-for-nstr-related-cids.docx) *[7 CIDs]*
* 19853 in [11-23/1769r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1769-04-00be-lb275-cr-for-ml-reconfiguration-part-5.docx) & 20028, 20032, 20033 in [11-23/1542r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1542-04-00be-lb275-cr-for-ml-reconfiguration-part-4.docx) & 19440, 19513 in [11-23/1798r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1798-00-00be-lb275-cr-for-miscellaneous-cids.docx) *[6 CIDs]*

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

**Move: Ming Gan Second: Binita Gupta**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the MAC conf calls of October 23rd and November 2nd.***

***R4 was not uploaded at the time of motion prep (which was on Nov 2. Check with Binita)***

**Motion 639 (PHY)**

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

* 19544 in [11-23/1567r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1567-03-00be-lb275-cr-on-36-3-12-10.docx) & 19045, 19046, 19047, 19390, 19391, 20002, 19511 in [11-23/1684r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1684-01-00be-proposed-resolution-for-miscellaneous-lb275-comments-part-1.docx) *[8 CIDs]*
* 19142, 19143, 19176, 19532 in [11-23/1571r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1571-04-00be-cr-d4-0-subclause-3-2-2-and-3-2-6-1.docx) & 19090, 19091, 19177, 19891 [11-23/1775r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1775-00-00be-d4-0-comment-resolution-for-mu-mimo-phy.docx) *[8 CIDs]*
* 19371, 19374 in [11-23/1491r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1491-04-00be-cr-phy-txrxproc-miscs.docx) & 19019, 19152, 19180 in [11-23/1815r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1815-01-00be-resolutions-for-cids-in-clause-36-3.docx) *[5 CIDs]*

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

**Move: Ross J. Yu Second: Youhan Kim**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the PHY conf calls of October 23rd.***

**Motion 640 (Joint)**

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

* 19352 in [11-23/1739r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1739-01-00be-lb-275-cr-for-cid-19352-on-ndpa-frame-format.docx) *[1 CID]*
* 19353 in [11-23/1682r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1682-02-00be-lb-275-cr-for-cid-19353.docx) *[1 CID]*

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

**Move: Edward Au Second: Bo Sun**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the Joint conf calls of November 1st.***

**Motion 641 (MAC)**

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

* 19616, 19804 in [11-23/1776r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1776-00-00be-lb275-resolution-for-comments-assigned-to-abhi-part-10.docx) & 19538 in [11-23/1770r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1770-01-00be-lb275-cr-for-ml-reconfiguration-part-6.docx) & 19186, 19909 in [11-23/1604r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1604-01-00be-lb275-resolution-for-comments-assigned-to-abhi-part-9.docx) *[5 CIDs]*
* 20054 in [11-23/1401r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1401-00-00be-lb275-cr-for-subclause-35-3-7-5-3.docx) & 19364 in [11-23/1752r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1752-01-00be-lb275-cr-for-cid-19364.docx) & 19347 in [11-23/1443r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1443-01-00be-lb275-11be-d4-0-cids-on-3-1-3-2-4-9-6-5-1-5-1.docx) & 19350, 19627 in [11-23/1603r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1603-02-00be-lb275-cids-for-bandwidth-indication-subelement.docx) *[5 CIDs]*
* 19128, ~~19485~~19346, 19485, 19344, 19389 in [11-23/1703r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1703-02-00be-tgbe-lb275-miscellaneous-comment-resolutions.docx) & 19034, 19035 in [11-23/1817r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1817-00-00be-proposed-comment-resolutions.docx) *[7 CIDs]*
* 19979, 19728, 19847, 19846 in [11-23/1541r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1541-02-00be-lb275-cr-35-3-18.docx) & 19126, 19248, 19331, 19477 in [11-23/1784r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1784-02-00be-lb275-cr-for-misc-cids.docx) *[8 CIDs]*
* 19302, 20107 in [11-23/1780r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1780-02-00be-lb275-cr-on-misc-cids-part-2.docx) & 19129, 19645, 19733, 19854, 20004 in [11-23/1667r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1667-02-00be-crs-for-11be-d4-0-supported-features-cids.docx) *[7 CIDs]*

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

**Move: Edward Au Second: Liwen Chu**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the Day 1 of the November MAC Ad-hoc.***

***\*Per Editor’s review: CID 19485 appeared twice while 19346 was discussed but missed in the SP list. Fixed.***

**Motion 642 (MAC)**

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

* 19970, 19971, 19974, 19575, 19586, 19659, 20087 in [11-23/1658r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1658-04-00be-lb275-cr-emlsr-part1.docx) & 19217, 19373 in [11-23/1547r7](https://mentor.ieee.org/802.11/dcn/23/11-23-1547-07-00be-lb275-cr-for-misc-cids.docx) *[9 CIDs]*
* 19411, 19914, 20089, 19796, 20038 in [11-23/1547r7](https://mentor.ieee.org/802.11/dcn/23/11-23-1547-07-00be-lb275-cr-for-misc-cids.docx) & 19850, 19903 in [11-23/1812r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1812-00-00be-lb275-resolutions-for-misc-cids.docx) & 19658 in [11-23/1658r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1658-04-00be-lb275-cr-emlsr-part1.docx) *[8 CIDs]*
* 19161, 19453, 19860, 19956, 19963 in [11-23/1789r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1789-00-00be-lb275-cr-for-twt-operation.docx) ~~& 19004, 19169 in~~ [~~11-23/1655r3~~](https://mentor.ieee.org/802.11/dcn/23/11-23-1655-05-00be-cr-for-cid-19004-and-19169.docx)& 19521 in [11-23/1760r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1760-01-00be-proposed-resolutions-to-lb275-a-few-cids-on-emlsr.docx) *[6 CIDs]*
* 20066 in [11-23/1770r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1770-03-00be-lb275-cr-for-ml-reconfiguration-part-6.docx) & 19072, 19074, 19073, 19236, 19339, 19568, 19730, 19404, 19405, 19460, 19406, 19340, 19313, 19424, 19906, 19827, 19902 in [11-23/1772r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1772-02-00be-cids-on-txs-and-scs.docx) *[18 CIDs]*

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

**Move: Edward Au Second: Binita Gupta**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the Day 2 AM1 and AM2 of the November MAC Ad-hoc.***

**Motion 643 (MAC)**

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

* 20126, 20092 in [11-23/1573r5](https://mentor.ieee.org/802.11/dcn/23/11-23-1573-05-00be-lb275-cr-for-35-3-19.docx) & ~~19699, 19700,~~ 19774, 20043 in [11-23/1801r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1801-02-00be-cr-for-misc-cids-part-6.docx) [4 CIDs]
* 19004, 19169 in [11-23/1655r5](https://mentor.ieee.org/802.11/dcn/23/11-23-1655-05-00be-cr-for-cid-19004-and-19169.docx) & 19862, 19881 in [11-23/1790r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1790-01-00be-lb275-cr-for-remainning-cids.docx) & 19342, 19343 in [11-23/1795r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1795-01-00be-lb275-cr-for-bqr.docx) [6 CIDs]
* 19071, 19567, 19608, 19667 in [11-23/1796r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1796-00-00be-lb275-cr-for-35-2-1-2.docx) & 19965, 19968, 19972, 19981, 19994, 19995 in [11-23/1782r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1782-01-00be-lb275-cr-on-tdls-and-p2p.docx) [10 CIDs]
* 19969, 19980, 19992, 19993 in [11-23/1782r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1782-01-00be-lb275-cr-on-tdls-and-p2p.docx) & 19778, 19889, 20047, 20048, 19574, 19706 in [11-23/1609r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1609-01-00be-cr-for-misc-cids-part-3.docx) [10 CIDs]
* 19290, 19594 in [11-23/1799r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1799-00-00be-cr-for-misc-cids-part-4.docx) & 19127, 19473, 19475, 19584 in [11-23/1803r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1803-00-00be-lb275-cr-misc.docx) *[6 CIDs]*

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

**Move: Mike Montemurro Second: James Yee**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 644 (MAC)**

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

* 20086, 19566 in [11-23/1802r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1802-01-00be-lb275-9-4-2-316-qos-char-element.docx) & 19334, 19585, 19841, 19844, 19845 in [11-23/1804r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1804-02-00be-lb275-cr-35-3-18-part-2.docx) *[7 CIDs]*
* 19291 in [11-23/1560r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1560-01-00be-lb275-cr-for-cids-in-35-3-16-8-3.docx) *[1 CID]*
* 19219, 20001, 20095, 20111, 20112, 20113 in [11-23/1785r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1785-01-00be-lb275-cr-for-35-3-19-part2.docx) *[6 CIDs]*

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

**Move: James Yee Second: Kaiying Lu**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the Monday AM1 and Tuesday AM1 of MAC Ad-hoc.***

**Motion 645 (PHY)**

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

* 19888 in [23/1681r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1681-00-00be-lb-275-cr-for-cid-19888.docx) & 19145, 19146, 19147, 19148, 19149, 19150, 19151 in [23/1582r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1582-00-00be-lb275-cr-for-cids-in-36-2-6.docx) *[8 CIDs]*

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

**Move: Youhan Kim Second: Ross J. Yu**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the Tuesday AM2.***

**Motion 646 (Joint)**

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

*•* 19096, 19097, 19222, 19316, 19341, 19479, 19480, 19481, 19482, 19483, 19484, 19619 in [11-23/1810r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1810-01-00be-lb275-cr-for-subclause-6-5-24.docx) *[12 CIDs]*

* 19223, 19490 , 19508, 19509, 19570, 19735 in [11-23/1811r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1811-02-00be-lb275-cr-for-misc-clause-6-and-7.docx) *[6 CIDs]*
* 19400, 19824, 20105, 19818, 20082, 19987, 19569 in [11-23/1545r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1545-00-00be-lb275-cr-for-r-twt-part-2.docx) *[7 CIDs]*

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

**Move: John Wullert Second: Ming Gan**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 647 (Joint)**

**Move to incorporate the text changes in** [**11-23/1894r2**](https://mentor.ieee.org/802.11/dcn/23/11-23-1894-02-00be-lb275-cr-for-bug-fix.docx) **into the latest TGbe draft?**

**Move: Ming Gan Second: Laurent Cariou**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the Monday PM1 of Joint.***

**Motion 648 (Quarantine 2)**

**Move to approve resolutions *“REJECTED – “This CID is presented and discussed on <Date>, in <DCN> and the group could not reach consensus on a resolution. SP result: <SP>”* for the following CIDs:**

* 19839, 19402, 19580, 19401, 19159, 19527, 19600, 19771, 19173, 19615, 19652, 19656, 19685, 20072, 20124,, 19852, 19785, 19755, 19786, 19787, 19788, 20122, 19206, 19212, 19721, 19737, 19754, 19442, 19450, 19458, 19579, 19989, 19859, 19437, 19457, 19864, 20088, 19412

**Where <DCN>, <Date> and <SP> are obtained from the rows that correspond to these CIDs in** [**11-23/1375r20**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-20-00be-ieee-802-11be-lb275-comments.xlsx)

**Move: Laurent Cariou Second: Kumail Haider**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CRs documents that have been discussed and that did not have consensus (no majority support on the SPs) and there was no objection to run a motion on no consensus.***

**Motion 649 (Quarantine 3)**

**Move to approve resolutions *“REJECTED – “This CID is presented and discussed on <Date>, in <DCN> and the group could not reach consensus on a resolution. SP result and Motion Result: <SP>, <Motion>”* for the following CIDs:**

* 19369, 19598, 20038, 20009,
* 19027, 19976, 19977, 19982, 19983, 19984, 20114, 20115

**Where <DCN>, <Date> and <SP/Motion> are obtained from the rows that correspond to these CIDs in** [**11-23/1375r20**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-20-00be-ieee-802-11be-lb275-comments.xlsx)

**Move: Laurent Cariou Second: Yongho Seok**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CRs documents that have been discussed and that did not have consensus (no majority support on the SPs and on the motions, Motion 634 (42Y, 36N, 19A), and Motion 637 (29Y, 45N, 29A)).***

**Motion 650 (Withdrawal)**

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

* 19423 19411 19427 19428 19188 *[5 CIDs]*

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

**Move: Guogang Huang Second: Youhan Kim**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 651 (Post-Q1)**

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

* 19546, 19821 in [11-23/1535r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1535-01-00be-lb275-cr-for-r-twt-part-1.docx) *[2 CIDs]*

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

**Move: Kumail Haider Second: Carlos Aldana**

**Discussion: Recorded count requested.**

C: it is too late to change the MAC header at this moment.

A: we use a reserved bit.

**Preliminary Result: 50Y, 54N, 24A (fails)**

**Result: 49Y, 52N, 24A (fails)**

***Note: These CIDs were presented and discussed on September 12, 2023. The DCN is 23/1535r1. There is no straw poll yet.***

[V] M. Kumail Haider Meta | X | | |

[V] Yonggang Fang MediaTek | | X | |

[V] Youhan Kim, Qualcomm Technologies, Inc. | X | | |

[V] Brian Petry, Broadcom | | X | |

[V] Guoqing Li Meta | X | | |

[V] Li Ma, MediaTek | | X | |

[V] GeonHwan Kim, LGE | X | | |

Qi Wang | X | | |

[V] Chao-Chun Wang Mediatek | | X | |

[V] Vishnu V Ratnam, Samsung Research America | X | | |

Jeff J.Q. Liu | | | X |

[V] Lalit Garg,Broadcom | | X | |

[V] Liuming Lu OPPO | X | | |

[V] Qing Xia, Sony | X | | |

[NV] Pelin Salem, Cisco Systems | X | | |

[V] Rui Du Huawei | | X | |

[V]Yunbo Li Huawei | | | X |

[V] Gaurang Naik, Qualcomm | X | | |

[V] Kiseon Ryu NXP | X | | |

[V] Gaurav Patwardhan, HPE | | | X |

[V] Tomoko Adachi Toshiba | | X | |

[V] Serhat Erkucuk, Ofinno | | | X |

[NV]Kazuyuki Tota Canon | X | | | INVALID VOTE: NO MATCH FOUND!

[V] Yuki Tsujimaru Canon | | | X |

[V] Xiaoman Shen Huawei | | X | |

[V] Hank ChiHan Huang, MediaTek | | X | |

[V] Bo Li Northwestern Polytechnical University | | X | |

[V] Jinyoung Chun, LG | | | X |

[V] Zhongjiang Yan Northwestern Polytechnical University | | X | |

［V] Steve TS Yang Mediatek | | X | |

[V] Hirohiko Inohiza Canon | X | | |

[V] Yuki FUJIMORI Canon | | | X |

[V] Mengshi Hu Huawei | | X | |

[V] Kirill Chemrov, IITP RAS | | X | |

[V] Evgeny Khorov IITP RAS | | X | |

[V] Ming Gan Huawei | | | X |

[V] Levitsky Ilya IITP RAS | | X | |

[V] Naren, Huawei | | X | | INVALID VOTE: NO MATCH FOUND!

[V] Shinya MIWA, Canon | X | | |

[V] Stephane Baron Canon | X | | |

[V] Arik Klein Huawei | | X | |

Genadiy Tsodik Huawei | | X | |

[V] Rojan Chitrakar, Huawei | | X | |

[V] Shimi Shilo Huawei | | X | |

[V] Yanchun Li | | X | |

[V] Zhi Mao, Huawei | | X | |

[PV] Yue Zhao, Huawei | | X | |

[V] Yingqiao Quan, Spreadtrum | | X | |

[NV] Jones Wu, Mediatek | | X | | INVALID VOTE: NO MATCH FOUND!

[V] George Chih-Chun Kuo, MediaTek | | X | |

[V] Bo Gong Huawei | | X | |

[NV] Maolin Zhang huawei | | X | |

[V] Ronny Yang-Hung Peng, Mediatek | | X | |

Dekun Liu Huawei | | X | |

[V] Yiyan Zhang, Huawei | | X | |

[V] Bruce HaoHua Kang, MediaTek | | X | |

[V} John Wullert, Peraton Labs | | | X |

[V] Jason Yuchen Guo Huawei | | | X |

[V] Hanqing Lou InterDigital | | X | |

[V] Minyoung Park, Intel | | X | |

Kaiying Lu | | X | |

[V]Sheetal Pandey, Synaptics | X | | |

[V]-Yajun Cheng-Xiaomi | | | X |

[V] Guogang Huang Huawei | | | X |

[V] Chunyu Hu Spreadtrum-US | X | | |

[V] Jeongki Kim Ofinno | | | X |

[V] Patrice NEZOU, Canon | X | | |

[V]John Yi,Spreadtrum-US | | | X |

[V] Massinissa Lalam, Sagemcom | | | X |

[V] Abhishek Patil Qualcomm | X | | |

[V] Al Petrick InterDigital | | X | |

[V] Laurent Cariou Intel | X | | |

[v] xiangxin, Spreadtrum | | X | |

[V] Frank Chien-Fang Hsu, Mediatek | | X | |

[V] Yusuke Asai, NTT | X | | |

[V] Junyoung Nam, Qualcomm | X | | |

[V] Nima Namvar, Charter Comm Inc. | | | X |

[V] Matthew Fischer Broadcom | | X | |

[V] Huizhao Wang, NXP | | | X |

Ian Sherlock | X | | |

[V] Po-Kai Huang, intel | X | | |

[V] Insun Jang LGE | X | | |

[V] Jung Hoon Suh Huawei | | X | |

[V] Atsushi Shirakawa, Sharp | | | X |

[V] Liwen Chu, NXP | | | X |

[V] Lin Yang Qualcomm | X | | |

Yanjun Sun | X | | |

Yan Xin, Huawei | | X | |

[V]Chenchen LIUhuawei | | X | |

[V] SunHee Baek LGE | X | | |

Jianwei Bei | X | | |

[V]Ravi Gidvani, Samsung | X | | |

Binita Gupta | X | | |

[V] Shawn Kim, WILUS Inc. | | | X |

[V] Rubayet Shafin, Samsung Research America | X | | |

[V] James Yee, MediaTek | | X | |

[V] Duncan Ho, Qualcomm Technologies | X | | |

[V] Naveen Kakani, Qualcomm | X | | |

[V] Kanke Wu, Apple | X | | |

Jon Rosdahl IEEE 802 Executive Secretary | X | | |

Brian Hart | X | | |

[V] Kapil Rai, Qualcomm | X | | |

[V] Sid Thakur, Apple | | | X |

[V] Mike Montemurro Huawei | | X | |

[V] George Cherian Qualcomm | X | | |

[V] Claudio da Silva, Meta | X | | |

[V] Peshal Nayak, Samsung Research America | X | | |

Mohamed Abouelseoud | | X | |

[V] Min Yan Huawei | | X | |

[V] Ahmed Elsherif Qualcomm | X | | |

[V] Osama Aboul-Magd Huawei | | X | |

[V] Jinsoo Choi LG | X | | |

[V] Thomas Pare, MediaTek | | X | |

[V]Peng Liu | | | X |

[V] Chung-Ta Ku, Mediatek | | X | |

[V] Wook Bong Lee, Apple | | X | |

[V] Yan Zhang, Apple | X | | |

Yusuke Tanaka | X | | |

[V] BO SUN, Sanechips | | | X |

[V] Necati Canpolat, Intel | X | | |

Thomas Derham | | | X |

Samir Khericha | | X | |

[V] Bin Tian Qualcomm | X | | |

[V] Boon Loong Ng Samsung Research America | X | | |

{Mediatek] Gabor Bajko | | X | |

[V] Li-Hsiang Sun, Mediatek | | X | |

[V] Carlos Aldana Meta | X | | |

[V] Phil Hawkes Qualcomm | X | | |

**Motion 652 (Post-Q1)**

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

* 19356, 19357, 20060, 20061 in [11-23/1540r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1540-03-00be-lb275-cr-for-scs-tclas-counter-proposal.docx) *[4 CIDs]*

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

**Move: Binita Gupta Second: Gaurav Patwardhan**

**Discussion: Some discussion. Recorded vote requested.**

C: Yongho speaks against this proposal since it will bring issues to the clients.

C: Ming speaks in favor of this proposal

**Preliminary Result: 56Y, 30N, 29A (fails)**

**Result: 53Y, 28N, 28A (fails)**

***Note: These CIDs were presented and discussed in November 1st and also on September 13, 2023. The DCN is 23/1540r1. The straw poll result is 21 Yes, 37 No, 13 Abstain.***

[V] Yonggang Fang MediaTek | | X | |

[V] Youhan Kim, Qualcomm Technologies, Inc. | X | | |

[V] Brian Petry, Broadcom | X | | |

[V] William Li, Spreadtrum-US | | X | |

Qi Wang | | X | |

[V] Ross Jian Yu Huawei | X | | |

[V] Chao-Chun Wang Mediatek | | | X |

[V] Vishnu V Ratnam, Samsung Research America | | | X |

Jeff J.Q. Liu | X | | |

[V] Lalit Garg,Broadcom | X | | |

[V] Liuming Lu OPPO | X | | |

[V] Eunsung Park LGE | | | X |

[V] Henry Tzu-Hsuan Chou, Qualcomm | X | | |

[V] Qing Xia, Sony | X | | |

[NV] Pelin Salem, Cisco Systems | X | | | INVALID VOTE: NON VOTER

[V] Rui Du Huawei | X | | |

[V]Yunbo Li Huawei | X | | |

[V] Gaurang Naik, Qualcomm | X | | |

[V] Kiseon Ryu NXP | | | X |

[V] Gaurav Patwardhan, HPE | X | | |

[V] Tomoko Adachi Toshiba | X | | |

[V] Serhat Erkucuk, Ofinno | | | X |

[V] Yuki Tsujimaru Canon | | | X |

[V] Xiaoman Shen Huawei | X | | |

[V] Hank ChiHan Huang, MediaTek | | X | |

[V] Hirohiko Inohiza Canon | | | X |

[V] Yuki FUJIMORI Canon | X | | |

[V] Mengshi Hu Huawei | X | | |

[V] Kirill Chemrov, IITP RAS | | | X |

[V] Evgeny Khorov IITP RAS | | | X |

[V] Dmitry Bankov, IITP RAS | | X | |

[V] Ming Gan Huawei | X | | |

[V] Levitsky Ilya IITP RAS | | | X |

[V] Naren, Huawei | X | | | INVALID VOTE: NO MATCH FOUND!

[V] Shinya MIWA, Canon | | | X |

[V] Stephane Baron Canon | | | X |

[V] Arik Klein Huawei | | | X |

Genadiy Tsodik Huawei | X | | |

[V] Shimi Shilo Huawei | | | X |

[V] Zhi Mao, Huawei | X | | |

[V] Yingqiao Quan, Spreadtrum | | | X |

[NV] Jones Wu, Mediatek | | X | | INVALID VOTE: NO MATCH FOUND!

[V] George Chih-Chun Kuo, MediaTek | | X | |

[NV] Maolin Zhang huawei | X | | | INVALID VOTE: NON VOTER

[V] Ronny Yang-Hung Peng, Mediatek | | X | |

[V] Bruce HaoHua Kang, MediaTek | | | X |

[V] Cheng-Ming Chen Qualcomm | X | | |

[V} John Wullert, Peraton Labs | | | X |

[V] Jason Yuchen Guo Huawei | X | | |

[V] Hanqing Lou InterDigital | | | X |

[V] Minyoung Park, Intel | X | | |

Kaiying Lu | | X | |

[V]Sheetal Pandey, Synaptics | | | X |

[V] Guogang Huang Huawei | X | | |

[V] Chunyu Hu Spreadtrum-US | X | | |

[V] Patrice NEZOU, Canon | | | X |

[V]John Yi,Spreadtrum-US | | X | |

[V] Massinissa Lalam, Sagemcom | X | | |

[V] Abhishek Patil Qualcomm | X | | |

[V] Al Petrick InterDigital | X | | |

[v] xiangxin, Spreadtrum | | X | |

[V] Frank Chien-Fang Hsu, Mediatek | | X | |

[V] Yusuke Asai, NTT | | | X |

[V] Junyoung Nam, Qualcomm | X | | |

[V] Matthew Fischer Broadcom | | X | |

[V] Huizhao Wang, NXP | | | X |

Ian Sherlock | X | | |

[V] Insun Jang LGE | | | X |

[V] Jung Hoon Suh Huawei | X | | |

[V] Atsushi Shirakawa, Sharp | | | X |

[V] Liwen Chu, NXP | X | | |

[V] Lin Yang Qualcomm | X | | |

[V] Yanjun Sun | | X | |

[V] Amer AlBaidhani, NXP | X | | |

Yan Xin, Huawei | X | | |

[V] Abdel Karim Ajami, Apple Inc. | | X | |

[V] SunHee Baek LGE | | | X |

[V]Ravi Gidvani, Samsung | X | | |

[V] Yelin Yoon, LGE | X | | |

[V] Pooya Monajemi, Apple | | X | |

Yong Ho Seok | | X | |

Binita Gupta | X | | |

[V] Shawn Kim, WILUS Inc. | | | X |

[V] James Yee, MediaTek | | X | |

[V] Duncan Ho, Qualcomm Technologies | X | | |

[V] Naveen Kakani, Qualcomm | X | | |

[V] Kanke Wu, Apple | | X | |

Jon Rosdahl IEEE 802 Executive Secretary | X | | |

Brian Hart | X | | |

[V] Kapil Rai, Qualcomm | X | | |

[V] Mike Montemurro Huawei | | | X |

[V] Claudio da Silva, Meta | X | | |

[V] Peshal Nayak, Samsung Research America | | X | |

Mohamed Abouelseoud | | X | |

[V] Min Yan Huawei | X | | |

[V] Ahmed Elsherif Qualcomm | X | | |

[V] Jinsoo Choi LG | X | | |

[V] Thomas Pare, MediaTek | | X | |

[V] Wook Bong Lee, Apple | | X | |

[V] Yan Zhang, Apple | | X | |

Jarkko Kneckt | | X | |

Reza Hedayat | | X | |

Yusuke Tanaka | X | | |

[V] BO SUN, Sanechips | | | X |

[V] Necati Canpolat, Intel | X | | |

Samir Khericha | X | | |

[NV] Xiayu Zheng, NXP | | | X | INVALID VOTE: NO MATCH FOUND!

[V] Bin Tian Qualcomm | X | | |

[V] Boon Loong Ng Samsung Research America | X | | |

{Mediatek] Gabor Bajko | | X | |

[V] Li-Hsiang Sun, Mediatek | | X | |

[V] Carlos Aldana Meta | X | | |

[V] Sameer Vermani Qualcomm | X | | |

Ahmet Cepni | | X | | INVALID VOTE: NO MATCH FOUND!

Veerendra Boodannavar | | X | |

**Motion 653 (Post-Q1)**

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

* 19710 in [11-23/1399r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1399-03-00be-lb275-cr-for-subclause-35-3-7-5-2-part-1.docx) *[1 CID]*

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

**Move: Arik Klein Second:**

**Discussion:** Arik does not run this motion since the doc. has been discussed during the ad hoc meeting, and does not have consensus**.**

**Result:**

***Omissis.***

***Note: This CID is presented and discussed on September 7, 2023. The DCN is 23/1399r1. Then, presented and discussed on September 13, 2023. The DCN is 23/1399r3. The straw poll results are 33 Yes, 33 No, 34 Abstain***

* + [2011r0](https://mentor.ieee.org/802.11/dcn/23/11-23-2011-00-00be-cr-for-misc-cids-part-8.docx) CR for misc CIDs-part 8 Gaurang Naik

C: No need to change the starting point of the Expected duration.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/2011r1 and incorporate the text changes into the latest TGbe draft?

         19005, 19590, 20013

Discussion: None.

Result: No objection.

* + Agenda discussion

The chair asked if there’s any CID that has not been discussed before.

No such CID is claimed.

* + 1803r2 LB275 CR Misc. Minyoung Park

C: the 3rd case, why do we need the condition that all bits are set to 0?

SP deferred to PM2

* + 1798r2 CR for 35.3.16.2 Yunbo Li

C: I don’t see much value of the added text, you can reject the CIDs using the reasons that Liwen used in his document.

A: there isn’t a way to use to change the NSS during the eMLMR mode.

C: text need to be modified if we decide to add it.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1798r2 and incorporate the text changes into the latest TGbe draft?

         19657

Discussion: None.

Result: No objection.

* Recess at 15:30

# Nov. 14, Tuesday, PM2, MAC (16:00-18:00)

* https://mentor.ieee.org/802.11/dcn/23/11-23-2067-00-00be-minutes-for-tgbe-mac-ad-hoc-sessions-in-november-2023-plenary.docx

# Nov. 15, Wednesday, PM2, MAC/PHY (16:00-18:00)

The PHY ad hoc meeting is canceled.

For the MAC ad hoc meeting:

* https://mentor.ieee.org/802.11/dcn/23/11-23-2067-00-00be-minutes-for-tgbe-mac-ad-hoc-sessions-in-november-2023-plenary.docx

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

* 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
  + Submissions:
    - [1760r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1760-01-00be-proposed-resolutions-to-lb275-a-few-cids-on-emlsr.docx) Prop. Res. to LB275 a few CIDs on EMLSR Qi Wang [2C SP]
    - [1882r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1882-03-00be-proposed-resolution-to-11be-lb275-cid-19523.docx) Proposed resolution to 11be LB275 CID-19523 Qi Wang [1C SP]
    - [1776r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1776-01-00be-lb275-resolution-for-comments-assigned-to-abhi-part-10.docx) Resolution for comments assigned to Abhi - Part 10 Abhishek Patil [3C SP]
    - [1779r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1779-01-00be-lb275-cr-on-misc-cids-part-1.docx) CR on Misc. CIDs--Part 1 Rubayet Shafin [1C SP]
  + Motions: [**442r3**](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-30-00be-tgbe-motions-list-part-4.pptx)**1**
  + Discussions:
    - 1801r4 added
  + Agenda approved with unanimous consent
* Technical Submissions**: CR**
  + [1760r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1760-01-00be-proposed-resolutions-to-lb275-a-few-cids-on-emlsr.docx) Prop. Res. to LB275 a few CIDs on EMLSR Qi Wang

C: We don't need the capability bit since it's already supported.

C: agree that it's already allowed, and there's no need for the capability bit.

C: eMLSR is for multi-link opertion, improving the channel access. Allowing one link requires hardware change, which is too late for now.

C: the spec is not clear by saying it is not there, we strongly need the capability is there

C: it is a topic in UHR, hope we can discuss it in UHR

C: not sure about the scenario for allowing the single bit in the link bitmap

C: the spec is not clear enough, adding a capability bit is at least what we needed

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1760r3 and incorporate the text changes into the latest TGbe draft?

         19522, 19904

Discussion: None.

Result: (57+1)Y 86N 16A.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1760r4 and incorporate the text changes into the latest TGbe draft?

         19522, 19904

Discussion: None.

Result: (40+10)Y 101N 10A.

* + [1882r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1882-03-00be-proposed-resolution-to-11be-lb275-cid-19523.docx) Proposed resolution to 11be LB275 CID-19523 Qi Wang

C: agree with this issue, and support the SP

C: it’s not scalable by adding this scheme

A: for Beacon, the TBTT is deterministic, but other groupcast frames are not, hence the AP need to handle this case.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1760r4 and incorporate the text changes into the latest TGbe draft?

         19523

Discussion: None.

Result: (53+2)Y 57N 30A.

* + [1776r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1776-01-00be-lb275-resolution-for-comments-assigned-to-abhi-part-10.docx) Resolution for comments assigned to Abhi - Part 10 Abhishek Patil

C: you didn’t remove the maxBSSIDIndicator, which is not aligned with my thought

C: according to the feedback from other members, we need this field

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1776r1 and incorporate the text changes into the latest TGbe draft?

         19662, 19978

Discussion: None.

Result: No Objection

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1776r1 and incorporate the text changes into the latest TGbe draft?

         19661

Discussion: None.

Result: 48Y 46N 28A

The chair asked if there’s any objection to reject the corresponding CID(s) with the reason of “No consensus”.

No objection.

* + [1779r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1779-01-00be-lb275-cr-on-misc-cids-part-1.docx) CR on Misc. CIDs--Part 1 Rubayet Shafin

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1779r2 and incorporate the text changes into the latest TGbe draft?

         19605, 19961, 19991, 19997

Discussion: None.

Result: No Objection

* + 1801r4 CR for misc CIDs - part 6 Gaurang Naik

C: what’s the exception for QoS Null?

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1801r4 and incorporate the text changes into the latest TGbe draft?

         19699, 19700

Discussion: None.

Result: No Objection

* + Placeholder

C:

**SP:** Do you agree to resolve the following CIDs listed in 11-23/xxxxrx and incorporate the text changes into the latest TGbe draft?

         xxxxx

Discussion: None.

Result: No Objection

* + Placeholder

C:

**SP:** Do you agree to resolve the following CIDs listed in 11-23/xxxxrx and incorporate the text changes into the latest TGbe draft?

         xxxxx

Discussion: None.

Result: No Objection

* + Motions

**Motion 654 (MAC)**

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

* 19892, 20014, 20069 in [11-23/1771r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1771-01-00be-lb275-cr-for-ml-reconfiguration-part-7.docx) & 20073 in [11-23/1769r6](https://mentor.ieee.org/802.11/dcn/23/11-23-1769-06-00be-lb275-cr-for-ml-reconfiguration-part-5.docx) & 20053 in [11-23/1400r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1400-03-00be-lb275-cr-for-subclause-35-3-7-5-2-part-2.docx) *[5 CIDs]*
* 19373 in [11-23/1547r8](https://mentor.ieee.org/802.11/dcn/23/11-23-1547-08-00be-lb275-cr-for-misc-cids.docx) & 19851, 19213 in [11-23/1803r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1803-02-00be-lb275-cr-misc.docx) & 19367, 19407, 19620 in [11-23/1800r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1800-01-00be-cr-for-misc-cids-part-5.docx) *[6 CIDs]*
* 19726 in [11-23/1794r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1794-02-00be-lb275-cr-for-nstr-related-cids.docx) & 19607 in [11-23/1786r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1786-01-00be-lb275-cr-for-35-2-1-1.docx) & 19002, 19216, 19299, 19436, 19665, 20067 in [11-23/1806r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1806-02-00be-lb275-cr-for-misc-cids.docx) [8 CIDs]
* 19049 in [11-23/2110r1](https://mentor.ieee.org/802.11/dcn/23/11-23-2110-01-00be-lb275-cr-for-cid-19049.docx) & 19966 in [11-23/1780r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1780-03-00be-lb275-cr-on-misc-cids-part-2.docx) & 19736 in [11-23/1800r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1800-02-00be-cr-for-misc-cids-part-5.docx) & 19699, 19700 in [11-23/1801r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1801-03-00be-cr-for-misc-cids-part-6.docx) *[5 CIDs]*
* 19455 in [11-23/2011r3](https://mentor.ieee.org/802.11/dcn/23/11-23-2011-03-00be-cr-for-misc-cids-part-8.docx) *[1 CID]*

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

**Move: Srinivas Kandala Second: Ming Gan**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of Tuesday AM2 and PM2 and Wednesday PM2 of MAC Ad-hoc.***

**Motion 655 (Joint)**

**Move to incorporate the text changes in** [**11-23/1630r3**](https://mentor.ieee.org/802.11/dcn/23/11-23-1630-03-00be-unsupported-opclasses-in-rnr-and-filsdf.docx) **into the latest TGbe draft?**

**Move: Thomas Derham Second: Stephen McCann**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of the Tuesday PM1 of Joint.***

**Motion 656 (Joint)**

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

* 19005, 19590, 20013 in [11-23/2011r1](https://mentor.ieee.org/802.11/dcn/23/11-23-2011-01-00be-cr-for-misc-cids-part-8.docx) & 19657 in [11-23/1798r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1798-02-00be-lb275-cr-for-miscellaneous-cids.docx) [4 CIDs]

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

**Move: Mike Montemurro Second: Stephen McCann**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of Tuesday PM1 of Joint.***

**Motion 657 (Quarantine 4)**

**Move to approve resolutions *“REJECTED – “This CID is presented and discussed on <Date>, in <DCN> and the group could not reach consensus on a resolution. SP result: <SP>”* for the following CIDs:**

* 19582, 20070, 20078, 19452, 19878, 19882, 19583, 19962, 19954, 19959, 19960, 19955, 19957, 19958, 19964
* 19822, 19823, 19967, 19975, 20116, 19876, 19985, 19986, 20000, 19581, 19877, 19111, 19189, 19190

**Where <DCN>, <Date> and <SP> are obtained from the rows that correspond to these CIDs in** [**11-23/1375r22**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-22-00be-ieee-802-11be-lb275-comments.xlsx)

**Move: Mike Montemurro Second: Subir Das**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CRs documents that have been discussed and that did not have consensus (no majority support on the SPs) and there was no objection to run a motion on no consensus.***

**Motion 658 (Quarantine 5)**

**Move to approve resolutions *“REJECTED – “This CID is presented and discussed on <Date>, in <DCN> and the group could not reach consensus on a resolution. SP result and Motion Result: <SP>, <Motion>”* for the following CIDs:**

* 19546, 19821
* ~~19356, 19357, 20060, 20061~~

**Where <DCN>, <Date> and <SP/Motion> are obtained from the rows that correspond to these CIDs in** [**11-23/1375r22**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-22-00be-ieee-802-11be-lb275-comments.xlsx)

**Move: Mike Montemurro Second: Ming Gan**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CRs documents that have been discussed and that did not have consensus (no majority support on the SPs and on the motions, Motion 651 (50Y, 54N, 24A), and Motion 652 (56Y, 30N, 29A )).***

***A motion was requested on the same document that failed motion. Pending status from requester (Binita)***

**Motion 659 (MDR)**

**Move to approve the P802.11be Mandatory Draft Review (MDR) report in** [**11-23-1371r14**](https://mentor.ieee.org/802.11/dcn/23/11-23-1371-14-0000-ieee-p802-11be-d4-0-mandatory-draft-review-mdr-report.docx)

**Move: Stephen McCann Second: Rubayet Shafin**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 660 (Post-Q1)**

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

* ~~20007,~~ 20035 in [11-23/1542r5](https://mentor.ieee.org/802.11/dcn/23/11-23-1542-05-00be-lb275-cr-for-ml-reconfiguration-part-4.docx) *[2 CIDs]*

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

**Move: Binita Gupta Second: Stephen McCann**

**Discussion: Some discussions.**

C: this is significant change, we should not rush

C: we’ve already had enough parameters to control the number of links

C: this is an appropriate way of handling this issue

**Preliminary Result: 38Y, 60N, 23A (fails)**

***Note: These CIDs were presented and discussed on November 2, 2023. The DCN is 23/1542r4. There is no straw poll yet. Presented and discussed on November 14, 2023. The DCN is 23/1542r5. The straw poll results are 29 Yes, 42 No, 17 Abstain and 32 Yes, 39 No, 16 Abstain, respectively.***

**Motion 661 (Post-Q2)**

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

* 19633, 19632, 19820, 19825, 19905 in [11-23/1849r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1849-01-00be-cids-related-to-rtwt.docx) *[5 CIDs]*

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

**Move: George Cherian Second: Abhishek Patil**

**Discussion: Some discussion. Recorded vote request.**

C: The gap is AP side need to adjust the start time of the RTWT. The problem is only there when the STA does not check Beacon for a long time, which not the case for the low latency.

A: After discussing with other members, many people think it is a bug. The solution does not impact the legacy.

**Preliminary Result: 55Y(+1 Kiseon), 39N, 31A (fails)**

**Result: 54Y, 37N, 31A (fails)**

***Note: Presented and discussed on November 13, 2023. The DCN is 23/1849r0. There is no straw poll yet. Presented and discussed on November 14, 2023. The DCN is 23/1849r1. The straw poll results are 43 Yes, 20 No, 25 Abstain.***

[V] Peshal Nayak, Samsung Research America | | | X |

[V] Ying Liu, NXP | X | | |

[V] William Li, Spreadtrum-US | | X | |

[V] Yue Qi, Samsung Research America | | | X |

[V] Henry Tzu-Hsuan Chou, Qualcomm | X | | |

[V] Gaurav Patwardhan, HPE | X | | |

[V] Abhishek Patil Qualcomm | X | | |

[V] Minyoung Park, Intel | X | | |

[V] Duncan Ho, Qualcomm Technologies | X | | |

[V] Gaurang Naik, Qualcomm | X | | |

[V] Alice Jialing Li Chen Qualcomm | X | | |

[V] Necati Canpolat, Intel | | X | |

[V] Jeongki Kim Ofinno | | X | |

[V] Liwen Chu, NXP | X | | |

[V] Tomoko Adachi Toshiba | X | | |

[V] Levitsky Ilya IITP RAS | | X | |

[V] Sangho Seo, Broadcom | | X | |

[V] Bin Tian Qualcomm | X | | |

[V] Shubhodeep Adhikari Broadcom | X | | |

[V] Osama Aboul-Magd Huawei | | X | |

[V] Xiaoman Shen Huawei | | X | |

[V] Bo Gong Huawei | | X | |

[V] Mao Yang Northwestern Polytechnical University | | X | |

[V] Hiromichi Tomeba, sharp | | | X |

[V] Jinyoung Chun, LG | | | X |

[V] Zhongjiang Yan Northwestern Polytechnical University | | X | |

[V] Bo Li Northwestern Polytechnical University | | X | |

Te Wei, Huawei | | X | | INVALID VOTE: NON VOTER

[A] Maolin Zhang huawei | | X | | INVALID VOTE: NON VOTER

[PV] Yue Zhao, Huawei | | X | |

[V] George Chih-Chun Kuo, MediaTek | | | X |

[V] Zhi Mao, Huawei | | X | |

[V] Zhenguo Du, Huawei | | X | |

[V] Chenchen Liu Huawei | | X | |

[V]Yunsi Ma HiSilicon | | X | |

[V] Prabodh Varshney Nokia | X | | |

[V] Kapil Rai, Qualcomm | X | | |

[V] Pascal Viger, Canon | | | X |

[V] Yuki FUJIMORI Canon | X | | |

[V]Evgeny Khorov, IITP RAS | | | X |

Menzo Wentink Qualcomm | X | | |

[V] Ming Gan Huawei | | X | |

[V] Shimi Shilo Huawei | | X | |

[V]Yunbo Li Huawei | | X | |

Genadiy Tsodik Huawei | | X | |

[V] Kirill Chemrov, IITP RAS | | X | |

[V] Romain GUIGNARD Canon | | | X |

[V] Arik Klein Huawei | | X | |

[V] Jouni Malinen, Qualcomm | X | | |

[NV] Alecsander Eitan - Qualcomm | X | | |

[V] Domenico Ficara, Cisco | X | | |

[V] Volker Jungnickel Fraunhofer HHI | | | X |

[V} John Wullert, Peraton Labs | | | X |

[V] Hanqing Lou InterDigital | | | X |

[V] Inaki Val, MaxLinear | | X | |

[V] Dmitry Bankov, IITP RAS | | X | |

[V] Jerome Henry Cisco | X | | |

[V] Vishnu V Ratnam, Samsung Research America | | | X |

[V] Guogang Huang Huawei | | X | |

[V] James Yee, MediaTek | X | | |

[V] Leonardo Lanante, Ofinno | | X | |

[V] Hassan Omar [Huawei] | | | X |

[V] Paul Cheng, MediaTek Inc. | | | X |

[V] Chung-Ta Ku, Mediatek | X | | |

[V] SunHee Baek LGE | | | X |

[NV] Pelin Salem, Cisco Systems | X | | | INVALID VOTE: NON VOTER

[V] Ryota Yamada, Sharp | | | X |

[V] Kazuto Yano, ATR | | | X |

[V] Po-Kai Huang, intel | X | | |

Jeff J.Q. Liu | | | X |

[V] Chunyu Hu Spreadtrum-US | X | | |

[V] Youhan Kim, Qualcomm Technologies, Inc. | X | | |

[V]Shuling Julia Feng, Mediatek | | | X |

[V] Jason Yuchen Guo Huawei | | X | |

[V] Binita Gupta, Cisco Systems | X | | |

[V] George Cherian Qualcomm | X | | |

[V]Lan Peng Huawei | | X | |

[V] Liuming Lu OPPO | | | X |

[V] Stephen McCann, Huawei | | | X |

[V] Naveen Kakani, Qualcomm | X | | |

Wei Lin Huawei | | X | |

[V] Laurent Cariou Intel | X | | |

[V] Dave Cavalcanti Intel | X | | |

[V] M. Kumail Haider Meta | X | | |

[V] Insik Jung LGE | | | X |

[V] Ryuichi Hirata Sony | | | X |

[V] Pooria Pakrooh Qualcomm | X | | |

[V]John Yi,Spreadtrum-US | | X | |

[V] Jinsoo Choi LG | | | X |

[V] Steve Shellhammer Qualcomm | X | | |

[V] Jarkko Kneckt Apple | | | X |

[V] Mengshi Hu Huawei | | X | |

[V] Sameer Vermani Qualcomm | X | | |

[V] Subir Das Peraton Labs | | | X |

[V] Dmitry Akhmetov, Intel | X | | |

[V] Ugo Campiglio, Cisco | X | | |

[V]Peng Liu | | X | |

[V] Meriam Rezk Qualcomm Technologies Inc. | X | | |

[V] Serhat Erkucuk, Ofinno | | X | |

Kaiying Lu | | | X |

[V]Chenhe Ji Huawei | | X | |

[V] Yelin Yoon, LGE | X | | |

[V] Rubayet Shafin, Samsung Research America | | | X |

Xiaogang Chen | X | | |

[V]Pooya Monajemi,Apple | X | | |

[V] Ross Yu Huawei | | X | |

[V] Federico Lovison, Cisco | X | | |

[V] Steve Rodriguez | Cisco | X | | |

[V] Frank Chien-Fang Hsu, Mediatek | | | X |

Qi Wang | X | | |

[V] Ali Raissinia Qualcomm | X | | |

[V] Guoqing Li Meta | X | | |

[V] Jung Hoon Suh Huawei | | X | |

[V] Thomas Pare, MediaTek | X | | |

Brian Hart | X | | |

[V] Stephen Orr, Cisco | X | | |

[V] Huizhao Wang, NXP | X | | |

[V] VK Jones Qualcomm Inc | X | | |

[V] Zheng Guo, NXP | X | | |

[V] John Ju-Hyung Son, WILUS | | | X |

[V] Lin Yang Qualcomm | X | | |

[V] Abdel Karim Ajami, Apple Inc. | X | | |

Yong Liu | X | | |

Reza Hedayat | | X | |

[V] Boon Loong Ng Samsung Research America | | | X |

[V] Kiseon Ruy (NXP, chat vote) | X | | |

**Motion 662 (Post-Q3)**

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

* 19776, 19777, 20075, 19707, 19708 in [11-23/2010r2](https://mentor.ieee.org/802.11/dcn/23/11-23-2010-02-00be-cr-for-misc-cids-part-7.docx) *[5 CIDs]*

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

**Move: Gaurang Naik Second: Abhishek Patil**

**Discussion: None. Recorded vote.**

**Preliminary Result: 64Y, 10N, 39A (pass)**

**Result: 63Y, 10N, 39A (pass)**

***Note: Presented and discussed on November 14, 2023. The DCN is 23/2010r0. There is no straw poll yet. Presented and discussed on November 15, 2023. The DCN is 23/2010r2. The straw poll results are 31 Yes, 33 No, 32 Abstain.***

[V] Peshal Nayak, Samsung Research America | | | X |

[V] William Li, Spreadtrum-US | | | X |

[V] Yue Qi, Samsung Research America | X | | |

[V] Henry Tzu-Hsuan Chou, Qualcomm | X | | |

[V] Matthew Fischer Broadcom | | X | |

[V] Gaurav Patwardhan, HPE | X | | |

[V] Samir Khericha Broadcom | | | X |

[V] Abhishek Patil Qualcomm | X | | |

[V] Minyoung Park, Intel | X | | |

Sid Thakur | | | X |

[V] Duncan Ho, Qualcomm Technologies | X | | |

[V] Gaurang Naik, Qualcomm | X | | |

[V] Alice Jialing Li Chen Qualcomm | X | | |

[V] Necati Canpolat, Intel | | X | |

[V] Jeongki Kim Ofinno | | | X |

[V] Liwen Chu, NXP | X | | |

[V] Tomoko Adachi Toshiba | X | | |

[V] Levitsky Ilya IITP RAS | X | | |

[V] Sangho Seo, Broadcom | X | | |

[V] Bin Tian Qualcomm | X | | |

[V] Xiaoman Shen Huawei | X | | |

[V] Jinyoung Chun, LG | | | X |

[PV] Yue Zhao, Huawei | X | | |

[V] George Chih-Chun Kuo, MediaTek | X | | |

[V] Zhi Mao, Huawei | | | X |

[V] Zhenguo Du, Huawei | | X | |

[V]Yunsi Ma HiSilicon | | X | |

[V] Prabodh Varshney Nokia | | | X |

[V] Kapil Rai, Qualcomm | X | | |

[V] Yonggang Fang MediaTek | X | | |

[V] Pascal Viger, Canon | | | X |

[V] Yuki FUJIMORI Canon | | | X |

[V]Evgeny Khorov, IITP RAS | | | X |

Menzo Wentink Qualcomm | X | | |

[V] Ming Gan Huawei | | | X |

[V]Yunbo Li Huawei | | | X |

Genadiy Tsodik Huawei | | | X |

[V] Klimakov Andrey Huawei | | | X |

[V] Kirill Chemrov, IITP RAS | X | | |

[V] Romain GUIGNARD Canon | | | X |

[V] Arik Klein Huawei | X | | |

[V] Jouni Malinen, Qualcomm | X | | |

[NV] Alecsander Eitan - Qualcomm | X | | |

[V] Domenico Ficara, Cisco | X | | |

[V] Volker Jungnickel Fraunhofer HHI | | | X |

[V} John Wullert, Peraton Labs | | | X |

[V] Hanqing Lou InterDigital | | | X |

[V] Inaki Val, MaxLinear | | X | |

[V] Dmitry Bankov, IITP RAS | | X | |

[V] Jerome Henry Cisco | X | | |

[V] Yongsen Ma, Samsung | | | X |

[V] Vishnu V Ratnam, Samsung Research America | X | | |

[V] James Yee, MediaTek | X | | |

[V] Leonardo Lanante, Ofinno | | X | |

[V] Paul Cheng, MediaTek Inc. | X | | |

[V] Chung-Ta Ku, Mediatek | X | | |

[V] SunHee Baek LGE | | | X |

[NV] Pelin Salem, Cisco Systems | X | | | INVALID VOTE: NON VOTER

[V] Ryota Yamada, Sharp | | | X |

{Mediatek] Gabor Bajko | | | X |

[V] Kazuto Yano, ATR | | | X |

[V] Po-Kai Huang, intel | X | | |

[V] Chunyu Hu Spreadtrum-US | X | | |

[V] Youhan Kim, Qualcomm Technologies, Inc. | X | | |

[V]Shuling Julia Feng, Mediatek | X | | |

[V] Jason Yuchen Guo Huawei | | | X |

[V] Binita Gupta, Cisco Systems | X | | |

[V] George Cherian Qualcomm | X | | |

[V]Lan Peng Huawei | | X | |

[V] Stephen McCann, Huawei | X | | |

[V] Naveen Kakani, Qualcomm | X | | |

[V] Laurent Cariou Intel | X | | |

[V] Dave Cavalcanti Intel | X | | |

[V] M. Kumail Haider Meta | X | | |

[V] Insik Jung LGE | | | X |

[V] Ryuichi Hirata Sony | | | X |

[V] Pooria Pakrooh Qualcomm | X | | |

[V]John Yi,Spreadtrum-US | | | X |

[V] Jinsoo Choi LG | | | X |

[V] Steve Shellhammer Qualcomm | X | | |

[V] Jarkko Kneckt Apple | | X | |

[V] Mengshi Hu Huawei | | | X |

[V] Sameer Vermani Qualcomm | X | | |

[V] Subir Das Peraton Labs | | | X |

[V] Javier Contreras | X | | |

[V]Peng Liu | | | X |

[V] Meriam Rezk Qualcomm Technologies Inc. | X | | |

[V] Serhat Erkucuk, Ofinno | | X | |

Kaiying Lu | X | | |

[V]Chenhe Ji Huawei | | | X |

[V] Sigurd Schelstraete MaxLinear | | | X |

[V] Yelin Yoon, LGE | X | | |

[V] Rubayet Shafin, Samsung Research America | X | | |

[V]Pooya Monajemi,Apple | X | | |

[V] Federico Lovison, Cisco | X | | |

[V] Steve Rodriguez | Cisco | X | | |

[V] Hao Song, Intel | X | | |

[V] Frank Chien-Fang Hsu, Mediatek | X | | |

Qi Wang | | | X |

[V] Sean Coffey Realtek | | | X |

[V] Guoqing Li Meta | X | | |

[V] Thomas Pare, MediaTek | X | | |

Brian Hart | X | | |

[V] Stephen Orr, Cisco | X | | |

[V] Huizhao Wang, NXP | X | | |

[V] Ross Jian Yu Huawei | | | X |

[V]Ravi Gidvani, Samsung | X | | |

[V] Lin Yang Qualcomm | X | | |

[V] Abdel Karim Ajami, Apple Inc. | | | X |

[V] Shawn Kim, WILUS Inc. | | | X |

[V] Boon Loong Ng Samsung Research America | X | | |

[V] Kiseon Ryu NXP | X | | |

[V] VK Jones Qualcomm Inc | X | | |

**Motion 663 (Post-Q4)**

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

* 19356, 19357, 20060, 20061 in [23/1540r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1540-04-00be-lb275-cr-for-scs-tclas-counter-proposal.docx) *[4 CIDs]*

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

**Move: Binita Gupta Second: Gaurav Patwardhan**

**Discussion: Some discussion.**

C: it will cause the privacy issue since it has the IP address.

A: it’s already provided for DL, we don’t think it will bring additional concerns

C: strongly against this motion since it will have privacy issue for the client

**Preliminary Result: 58Y, 29N, 35A (fails)**

***Note: Presented and discussed on September 13, 2023. The DCN is 23/1540r1. The straw poll result is 21 Yes, 37 No, 13 Abstain. Again, presented and discussed on November 1, 2023. The DCN is 23/1540r3. Neither straw poll nor motion are conducted. Again, presented and discussed on November 14, 2023. The DCN is 23/1540r4. The motion 652 results are 56 Yes, 30 No, 29 Abstain.***

**Motion 664 (Quarantine 6)**

**Move to approve resolutions *“REJECTED – “This CID is presented and discussed on <Date>, in <DCN> and the group could not reach consensus on a resolution. SP result: <SP>”* for the following CIDs:**

* 19710, 19711, 20076 **(Arik);** 19356, 19357, 19415, 19416, 19417, 19418, 19419, 19420, 19421, 19451, 19459, 19929, 19930, 19939, 20007, 20060, 20061 **(Binita);** 19634 **(Duncan);** ~~19632, 19633, 19820, 19825, 19905~~ **~~(George);~~**
* 19429, 19430, 19431, 19432, 19433, 19434, 19465, 19869 **(Guogang);** 20083 **(Jeongki);** 20090 **(Liuming);** 19571, 19848 **(Liwen); Where <DCN>, <Date> and <SP> are obtained from the rows that correspond to these CIDs in** [**11-23/1375r22**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-22-00be-ieee-802-11be-lb275-comments.xlsx)

**Move: Mike Montemurro Second: Guogang Huang**

**Discussion: None**

**Result: Approved with unanimous consent.**

***Note: These are CRs documents that did not have consensus. There are a mix of CIDs on this motion. With SP results for each of these CIDs, with no SP results and so on. Need a check from each POC on the fly to verify correctness of the CIDs (make sure not separated/withdrawn/etc)***

***CIDs that were requested for post-Quarantine motions are in ~~red font~~***

* Recess at 10:00

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

* 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
  + **Motions:** [**11-23/442r32**](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-32-00be-tgbe-motions-list-part-4.pptx)
  + CR Status, Goals for Jan. 2024, Telcos, Ad-Hoc, Timeline
  + Discussions:
    - Binita requested to add 1542r6
    - Gaurang requested add 1800r2
    - Alfred added 1811r3 for Mark Hamilton
    - 1789r1 is added
    - Duncan requested to add 1802r3
    - George requested to add 1849r1
  + Agenda approved with unanimous consent
* Technical Submissions**: CR**
  + 1811r3 LB275-CR-for-misc-clause-6-and-7 Mark Hamilton

Discussion: None.

Corresponding CIDs are added to the motion list directly

No objection is received

* + 1542r6 LB275 CR for ML Reconfiguration part 4 Binita Gupta

C: this is an important topic, we need to have a careful review.

C: in the morning, you have a lot of no votes, it is not appropriate to bring it back without any major change.

* + 1800r2 CR for misc CIDs - part 5 Gaurang Naik

Discussion: None.

Corresponding CIDs are added to the motion list directly.

No objection is received

* + 1789r1 LB275 CR for TWT operation Ming Gan

C: the overlap description is not that accurate, the new text may make it worse, since the “overlap” can be at the beginning or at the end.

C: overlap is rather clear, no ambiguity at all.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1789r2 and incorporate the text changes into the latest TGbe draft?

         19464

Discussion: None.

Result:31Y (41+1)N 15A.

The chair asked if there’s any objection to reject the corresponding CID(s) with the reason of “No consensus”.

No objection.

* + 1790r1 lb275-cr-for-remainning CIDs Ming Gan

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1790r1 and incorporate the text changes into the latest TGbe draft?

        19865, 19461

Discussion: None.

Result:34Y 24N 30A.

The chair asked if there’s any objection to reject the corresponding CID(s) with the reason of “No consensus”.

No objection.

* + 1802r3 LB275-9.4.2.316 (QoS char element) Duncan Ho

C: the AP can use RTWT, which is already supported in the current spec, not sure why do we need to add the new paragraph

A: nothing new is added, just to clarify

C: that’s already said in the existing spec

C: in the 2nd sentence, is it “may notify” or something? It is a normative subclause.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1802r4 and incorporate the text changes into the latest TGbe draft?

         19355

Discussion: None.

Result:32Y 39N 23A.

The chair asked if there’s any objection to reject the corresponding CID(s) with the reason of “No consensus”.

No objection.

* + 1849r3 CIDs related to rTWT George Cherian

Discussion: None.

The chair asked if there’s any objection for CIDs 19354, 19366 too be added to the motions.

No objection

* + 1778r1 LB275-Resolution for comments assigned to Abhi - Part 11 Abhishek Patil

Discussion: None.

The chair asked if there’s any objection for CID 19683 too be added to the motions with the resolution “Accept”.

No objection

* + Motions:

**Motion 665 (Joint)**

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

* 19662, 19978 in [11-23/1776r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1776-01-00be-lb275-resolution-for-comments-assigned-to-abhi-part-10.docx) & 19605, 19961, 19991, 19997 in [11-23/1779r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1779-02-00be-lb275-cr-on-misc-cids-part-1.docx) *[6 CIDs]*
* 19699, 19700 in [11-23/1801r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1801-04-00be-cr-for-misc-cids-part-6.docx) *[2 CIDs]*
* 19470, 19507 in 11-23/1811r4 [2 CIDs]
* 19372 in 11-23/1800r2 [1 CIDs]
* 20085 in 11-23/1789r2 & 19461 in 11-23/1790r1[2 CID]
* 19354, 19366 in 11-23/1849r3 [2 CIDs]
* 19683 in 11-23/1778r0 [1 CID]

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

**Move: Laurent Cariou Second: Stephen McCann**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CR docs that obtained ≥ 75% support during the straw poll phase of Thursday AM1 and Thursday AM2 of Joint.***

**Motion 666 (Quarantine 2)**

**Move to approve resolutions *“REJECTED – “This CID is presented and discussed on <Date>, in <DCN> and the group could not reach consensus on a resolution. SP result: <SP>”* for the following CIDs:**

* 19522, 19904, 19523, 19661, 19464, 19865, 19355

**Where <DCN>, <Date> and <SP> are obtained from the rows that correspond to these CIDs in** [**11-23/1375r24**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-24-00be-ieee-802-11be-lb275-comments.xlsx) **and the respective SP results during the Joint PM1 session of November 16th.**

**Move: Laurent Cariou Second: Abhishek Patil**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CRs documents that have been discussed and that did not have consensus (no majority support on the SPs) and there was no objection to run a motion on no consensus.***

**Motion 667 (Quarantine 5)**

**Move to approve resolutions *“REJECTED – “This CID is presented and discussed on <Date>, in <DCN> and the group could not reach consensus on a resolution. SP result and Motion Result: <SP>, <Motion>”* for the following CIDs:**

* 20035
* 19633, 19632, 19820, 19825, 19905
* 19356, 19357, 20060, 20061

**Where <DCN>, <Date> and <SP/Motion> are obtained from the rows that correspond to these CIDs in** [**11-23/1375r24**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-24-00be-ieee-802-11be-lb275-comments.xlsx)

**Move: Abhishek Patil Second: Laurent Cariou**

**Discussion: Clarificatory.**

**Result: Approved with unanimous consent.**

***Note: These are CRs documents that have been discussed and that did not have consensus (no majority support on the SPs and on the motions, Motion 660 (38Y, 60N, 23A ), Motion 661 (56Y, 39N, 31A),* and Motion 663 *58Y, 29N, 35A ).***

**Motion 668 (Quarantine 6)**

**Move to approve resolutions *“REJECTED – “This CID is presented and discussed on <Date>, in <DCN> and the group could not reach consensus on a resolution. SP result: <SP>”* for the following CIDs:**

19181, 19182, 19183, 19184, 19185, 19329, 19330, 19630, 19770, 19781, 19782 **(Abhi)**; 19164 **(Arik)**; 19632, 19633, 19820, 19825, 19905 (George); 19408, 19409, 19410 **(Po-Kai)**; 19998, 20099, 20100, 20101, 20102, 20103, 20104 **(Rubayet)**; 20074 (Jason); 19870, 19872 (Yunbo)

**Where <DCN>, <Date> and <SP> are obtained from the rows that correspond to these CIDs in** [**11-23/1375r24**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-24-00be-ieee-802-11be-lb275-comments.xlsx)**, and the respective SP results during the Joint PM1 session of November 16th.**

**Move: Laurent Cariou Second: Abhishek Patil**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CRs documents that did not have consensus. There are a mix of CIDs on this motion. With SP results for each of these CIDs, with no SP results and so on. Need a check from each POC on the fly to verify correctness of the CIDs (make sure not separated/withdrawn/etc).***

**Motion 669 (Withdraw)**

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

* 19379, 20106, 19990, 20121, 19798, 19628, 19898 *[7 CIDs]*

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

**Move: Rubayet Shafin Second: Stephen McCann**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**EC Report Motion**

**Move to approve** [**11-23/2053r2**](https://mentor.ieee.org/802.11/dcn/23/11-23-2053-02-00be-tgbe-report-to-ec-on-conditional-approval-to-go-to-sa-ballot.pptx) **as the TGbe report to EC on conditional approval to go to SA ballot, and grant editorial license to the TGbe chair**

**Move: Stephen McCann Second: George Cherian**

**Discussion: None.**

**Preliminary Result: 69Y, 2N, 5A**

**Result: 69Y, 2N, 5A (pass)**

**Conditional SA Ballot Approval**

**Request the IEEE 802 Executive Committee to conditionally approve forwarding P802.11be to SA Ballot.**

**Move: Stephen McCann Second: Subir Das**

**Discussion: None.**

**Preliminary Result: 73Y, 1N, 4A**

**Result: 73Y, 1N, 4A (pass)**

**WG LB Motion**

**Having approved changes to TGbe D4.0, as defined in** [**11-23/1375r24**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-24-00be-ieee-802-11be-lb275-comments.xlsx)**, in addition to motions passed during the TGbe Joint sessions of November 16th, 2023.**

**Instruct the editor to prepare TGbe Draft D5.0**

**Approve a 15 day Working Group Technical Letter Ballot asking the question “Should TGbe Draft 5.0 be forwarded to SA Ballot?”**

**Moved: Mike Montemurro Seconded: Abhishek Patil**

**Preliminary Result: 79Y, 0N, 7A**

**Result: 79Y, 0N, 6A (pass)**

* AOB

None

* Adjourned at 15:16