IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TGbe January 2023 Meeting Minutes | | | | |
| Date: 2023-01-16 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Jason Yuchen Guo | Huawei |  |  | guoyuchen@huawei.com |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

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

Revision history:

* Rev0: First version of the document.

Abbreviations:

* C: Comment.
* A: Answer.

# Monday, January 16, MAC AM2 (10:30-12:30)

* https://mentor.ieee.org/802.11/dcn/23/11-23-0088-01-00be-minutes-of-tgbe-2023-jan-interim-mac.docx

# Monday, January 16, Joint PM1 (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 November 2022 meeting, conf calls, and ad-hoc
  + Technical Submissions**: CRs**
    - [0074r0](https://mentor.ieee.org/802.11/dcn/23/11-23-0074-00-00be-lb266-crs-for-4-9-5-and-7-1-reference-model-and-ds-part-2.docx) CRs for 4.9.5 and 7.1, reference model and DS, part 2 Mark Hamilton [2C SP]
    - [1878r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1878-00-00be-lb266-cr-for-clause-6-3.docx) CR-for-Clause-6.3 Arik Klein [3C]
    - [1482r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1482-02-00be-lb266-cr-for-preamble-puncturing.docx) CR for preamble puncturing Yanjun Sun [2C]
    - [2125r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2125-00-00be-lb266-cr-for-trigger-frame-misc-part2.docx) LB266 CR for Trigger frame Misc Part2 Yanjun Sun [3C]
    - 2126r0 LB266 CR for Preamble Puncturing Misc Yanjun Sun [3C]
    - [2180r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2180-00-00be-lb266-general-cid.docx) LB266-General CID Alfred Asterjadhi [1C]
  + Motions (including approving minutes): [1038r36](https://mentor.ieee.org/802.11/dcn/22/11-22-1038-36-00be-tgbe-motions-list-part-3.pptx)
  + Discussion
    - Yanjun asked for deferral of 1482 and 2126
  + Agenda approved with unanimous consent
* Technical Submissions**: CR**
  + [0074r0](https://mentor.ieee.org/802.11/dcn/23/11-23-0074-00-00be-lb266-crs-for-4-9-5-and-7-1-reference-model-and-ds-part-2.docx) CRs for 4.9.5 and 7.1, reference model and DS, part 2 Mark Hamilton

C: the resolution does not directly answer the question.

A: we can refer to clause 5.

C: could you show the text in clause 5?

A: the text around figure 5-2b explains how the SAP works.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/0074r0 and incorporate the text changes into the latest TGbe draft?

         11485, 12305

Discussion: None.

Result: No objection.

* + [1878r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1878-00-00be-lb266-cr-for-clause-6-3.docx) CR-for-Clause-6.3 Arik Klein

C: you mentioned the SME is responsible for coordinating each of the affiliated STAs, I thought the MLD is doing this.

C: there is one SME and one MLME for the MLD, that’s why we need the clarifications in the document.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1878r0 and incorporate the text changes into the latest TGbe draft?

         12951, 13274, 14093

Discussion: None.

Result: No objection.

* + [2125r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2125-00-00be-lb266-cr-for-trigger-frame-misc-part2.docx) LB266 CR for Trigger frame Misc Part2 Yanjun Sun

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/2125r0 and incorporate the text changes into the latest TGbe draft?

         12737, 10983, 12759

Discussion: None.

Result: No objection.

* + [2180r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2180-00-00be-lb266-general-cid.docx) LB266-General CID Alfred Asterjadhi

Discussion: A revision is made to fix the typo of the head of the document.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/2180r1 and incorporate the text changes into the latest TGbe draft?

         13526

Discussion: None.

Result: No objection.

The chair amended the agenda on the fly by adding doc. 1680r3.

The chair asked if there’s any objection on the amendment of the agenda.

No objection.

* + 1680r3 Comment Resolution for Clause 11.20.6.5 Osama Aboul-Magd

C: the changes for CID 14117 needs to be confirmed by Ming since it was his CID.

A: 14117 is presented in Bangkok meeting, but Abhi asked for more time, now he seems OK.

C: this CID is about wider band, can we defer it for offline discussion?

C: Abhi is not in the meeting, could we defer it for a while?

14117 is deferred.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1680r3 and incorporate the text changes into the latest TGbe draft?

         10589

Discussion: None.

Result: No objection.

* + Motions: [1038r36](https://mentor.ieee.org/802.11/dcn/22/11-22-1038-36-00be-tgbe-motions-list-part-3.pptx)

**Approve TG Minutes**

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

* + November plenary: <https://mentor.ieee.org/802.11/dcn/22/11-22-1984-01-00be-tgbe-november-2022-meeting-minutes.docx>
  + Teleconferences Nov-Jan: <https://mentor.ieee.org/802.11/dcn/22/11-22-2169-02-00be-tgbe-nov-jan-teleconference-minutes.docx>

**Move: Stephen Palm Second: Jason Y. Guo**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 496 (Joint)**

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

* 10074, 10135, 10136, 10137, 10138, 10139, 10140, 10141, 10215, 10353, 10579, 13716, 11845, 12976, 10755, 10756, 11478, 11489, 11833, 12247, 12955, 13724, 11822, 11901, 11976, 12499, 13713 in [11-22/2157r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2157-01-00be-proposed-resolution-for-miscellaneous-lb266-comments.docx) *[28 CIDs]*
* 12079, 13749, 13750, 14002, 13746, 12366, 12367, 12152, 13123, 13188, 11985, 12982 in [11-22/2209r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2209-00-00be-proposed-resolution-for-miscellaneous-lb266-comments-part-2.docx) *[12 CIDs]*

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

**Move: Edward Au Second: Subir Das**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 497 (MAC)**

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

* 13424, 13843 in [11-22/1789r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1789-01-00be-lb266-cr-for-remaining-cids-in-35-3-19-3.docx) *[2 CIDs]*
* 11844, 10578, 11953, 12418, 13428, 13959, 13272, 14053, 14062 in [11-22/1978r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1978-05-00be-lb266-resolution-for-misc-comments.docx) *[9 CIDs]*

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

**Move: Ming Gan Second: Stephen Palm**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 498 (MAC)**

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

* 13633, 11949, 13872, 11155, 13643 in [11-22/1051r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1051-04-00be-lb266-cr-for-twt.docx) & 13736, 13973 in [11-22/1265r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1265-03-00be-lb266-cr-for-cid-13736-and-13973.docx) & 11486 in [11-22/1263r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1263-04-00be-lb266-cr-for-txop-return-in-mu-rts-txs.docx) *[8 CIDs]*
* 10683, 11159, 13656, 11316, 12075, 12474, 12966 in [11-22/1959r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1959-00-00be-lb-266-cr-for-r-twt-related-cids-part2.docx) & 10052, 12853 in [11-22/1181r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1181-03-00be-lb266-cr-cl35-emlsr-part1.docx) *[9 CIDs]*
* 11505 in [11-22/1129r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1129-03-00be-lb266-cr-cl9-emlsr.docx) & ~~10158,~~\* 14077 in [11-22/1204r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1204-05-00be-lb266-cr-cl35-emlsr-part2.docx) & 13055, 13056 in [11-22/1239r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1239-04-00be-lb266-cr-for-35-3-16-4.docx) *[5 CIDs]*
* 10050 in [11-22/1526r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1526-05-00be-lb266-cr-for-subclause-35-8-2.docx) & 12803, 12804, 11326, 10072, 13355, 11325, 13356 in [11-22/1903r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1903-06-00be-lb266-cr-for-misc-cids.docx) & 12972 in [11-22/1436r7](https://mentor.ieee.org/802.11/dcn/22/11-22-1436-07-00be-cr-for-9-4-2-316-qos-charateristics-element-part-1.docx) *[9 CIDs]*
* 10168, 10721, 13007 in [11-22/1844r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1844-01-00be-cr-for-nstrmobileap-part2.docx) & 13471 in [11-22/1717r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1717-01-00be-lb266-cr-for-subclause-11.docx) & 13453,11852 in in [11-22/2162r3](https://mentor.ieee.org/802.11/dcn/22/11-22-2162-03-00be-comment-resolution-for-cid-11852-13453.docx)\*\* *[6 CIDs]*
* 11098, 11449, 11450, 12368, 13215, 13689, 13894, 13321, 13729, 10706, 11938 in [11-22/2170r5](https://mentor.ieee.org/802.11/dcn/22/11-22-2170-05-00be-lb266-misc-cids.docx) *[11 CIDs]*
* 10096 in [11-22/2168r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2168-00-00be-lb266-cr-for-cid-10096.docx) & 10487 in [11-22/2201r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2201-01-00be-cr-for-miscellaneous-cids-iv.docx) & 13063, 13773, 12756, 11866 in [11-22/1943r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1943-03-00be-cr-13063-13773-for-35-2-1-2-3.docx) *[6 CIDs]*

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

**Move: Mike Montemurro Second: Serhat Erkucuk**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***\* This CID was already approved by motion 452. Hence removed.***

***\*\* SP was ran on r2. Rev 3 contained an editorial update (added a sentence pointing to the proposed table).***

**Motion 499 (MAC)**

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

* 11704, 10078, 10079, 13252, 13845, 11089, 11252, 11092, 13962, 11927, 11928, 11767, 13318, 13771, 12985, 13975, 12506, 10216, 12374, 12507, 12989, 13254, 11540, 14029, 10017, 11637, 13774, 13775, 10726, 11535, 11536, 11701, 12835, 12990, 11848, 12494, 13484, 11539, 12505, 12987, 14098, 12988, 11538, 13884, 13064, 12990 in [11-22/1189r8](https://mentor.ieee.org/802.11/dcn/22/11-22-1189-08-00be-cr-for-txs-part-1.docx) *[46 CIDs]*
* 13386, 12487 in [11-22/1583r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1583-06-00be-cr-for-35-3-14.docx) & 10841 in [11-22/1501r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1501-03-00be-11be-d2-0-comment-resolution-35-4.docx) & 11024 in [11-22/2181r2](https://mentor.ieee.org/802.11/dcn/22/11-22-2181-02-00be-lb266-misc-cids-part-2.docx) *[4 CIDs]*
* 11578, 12386, 12428, 13002, 13398, 13399, 13673 in [11-22/2152r2](https://mentor.ieee.org/802.11/dcn/22/11-22-2152-02-00be-remaining-11be-cids-misc.docx)\* & 13020, 13229, 13233, 12319, 12320 in [11-22/1906r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1906-01-00be-lb266-cr-for-r-twt-related-to-qos-characteristics-and-scs.docx) *[12 CIDs]*
* 12439, 12524, 13640, 13212 in [11-22/1745r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1745-01-00be-lb266-cr-for-dynamic-nstr-capability-update.docx) & 13100, 12936, 11516 in [11-22/1480r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1480-03-00be-lb266-cr-for-clause-9.docx) & 10013 in [11-22/1782r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1782-03-00be-lb266-cr-for-10013.docx) *[8 CIDs]*

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

**Move: Matthew Fischer Second: Stephen Palm**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***\* SP was ran on r1. Rev 2 contained an editorial update (added a sentence pointing to the proposed figure).***

**Motion 500 (Withdrawal)**

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

* 13744, 13665, 14090, 12827, 12830

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

**Move: Jason Y. Guo Second: Serhat Erkucuk**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 501 (MAC)**

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

* 10021, 11640, 13067, 13987, 10022, 13068, 10073, 10095, 10633, 11103, 13281, 13282, 13900 in [11-22/1838r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1838-05-00be-lb266-cr-for-ml-reconfiguration-clause-35-3-6-part-2.docx) *[ 13 CIDs]*

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

**Move: Binita Gupta Second: Kumail Haider**

**Discussion: None.**

**Result: Approved with unanimous consent.**

The chair asked if there’s any contribution to be presented in the remaining time

Chunyu asked to present 1828r2

Abdel asked to present 1373r6

The chair suggested add 2109r0 by Ron

The chair asked if there’s any objection of amending the agenda.

No Objection.

* Technical Submissions**: CR**
  + 1373r6 LB266 CR for CID 11700 Abdel Karim Ajami

C: for option 1, you also have editorial changes, need to remove the changes related with option 1.

r7 is uploaded to remove the related changes of option 1.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1373r7 and incorporate the text changes into the latest TGbe draft?

         11700

Discussion: None.

Result: No objection.

* + 1828r2 LB266 CR mainly related to 35.9.5 r-twt traffic delivery Chunyu Hu

C: Change should to shall

A: fine with that.

C: if changed to shall, it seems too strong.

C: I think we already have some related text saying the AP should first schedule the rtwt TIDs, prefer to stick to the current rule, and make no change.

C: without this new text, we have enough rules. The new text is already implied by the current rules. It’s more like a note, just illustrating how this happens.

**SP deferred.**

* + 2109r0 LB266 CR for CID 11196 Ron Porat

C: you only mentioned the case when UL/DL is set to 1.

A: this is about the single-user transmission from a STA to the AP.

C: change “shall continue” to “may continue … without checking the STA\_ID field”.

C: that would mean the AP can ignore the STA\_ID?

A: yes.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/2109r1 and incorporate the text changes into the latest TGbe draft?

         11196

Discussion: None.

Result: No objection.

The chair asked if there’s any contribution to be presented in the remaining time

Rubayet asked to add 1774r4.

The chair asked if there’s any objection of amending the agenda.

No Objection.

* + 1774r4 LB266 CR for Misc. CIDs Rubayet Shafin

CID 11116 is deferred after discussion.

C: CID 13662, it only has aligned field, is the other subfield (in your previous version) removed?

A: Yes.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1774r5 and incorporate the text changes into the latest TGbe draft?

         12286

Discussion: None.

Result: No objection.

* Recess at 15:30

# Monday, January 16, MAC PM2 (16:00-18:00)

* https://mentor.ieee.org/802.11/dcn/23/11-23-0088-01-00be-minutes-of-tgbe-2023-jan-interim-mac.docx

# Tuesday, January 17, MAC AM1 (08:00-10:00)

* https://mentor.ieee.org/802.11/dcn/23/11-23-0088-01-00be-minutes-of-tgbe-2023-jan-interim-mac.docx

# Tuesday, January 17, Joint AM2 (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](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
  + Technical Submissions**: CRs**
    - 1851r0 CR for CID 11891 Chenchen LIU [1C]
    - 1348r2 CR for PAR verification low latency Yousi Lin [1C]
    - [1692r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1692-02-00be-clause-3-2-comment-resolutions.docx) Clause 3.2 Comment Resolutions Stephen McCann [2C]
    - [1482r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1482-02-00be-lb266-cr-for-preamble-puncturing.docx) CR for preamble puncturing Yanjun Sun [2C-SP]
    - 2126r0 LB266 CR for Preamble Puncturing Misc Yanjun Sun [3C]
    - [1811r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1811-02-00be-tgbe-d2-0-comment-resolution-20-mhz-only-sta.docx) TGbe D2.0 comment resolution 20 MHz only STA Liwen Chu [3C-SP]
  + Motions: [1038r38](https://mentor.ieee.org/802.11/dcn/22/11-22-1038-38-00be-tgbe-motions-list-part-3.pptx)
  + Discussion
    - Liwen asked to defer 1811 to tomorrow
    - Yanjun asked to defer 2126r0
    - 1851r0 and 1348r2 are removed due to the unavailability of the two docs.
    - Subir asked to add 2164r2
  + Agenda approved with unanimous consent
* Technical Submissions**: CR**
  + [1692r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1692-02-00be-clause-3-2-comment-resolutions.docx) Clause 3.2 Comment Resolutions Stephen McCann

Stephen is not present in the meeting.

* + [1482r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1482-02-00be-lb266-cr-for-preamble-puncturing.docx) CR for preamble puncturing Yanjun Sun

Discussion: None.

.

SP is scheduled for Wednesday to allow some time for members to check.

* + 2164r2 EPCS and Fast Tranisition John Wullert

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/2164r2 and incorporate the text changes into the latest TGbe draft?

         10212, 11790, 11798, 10080, 11964

Discussion: None.

Result: No objection.

Yousi Lin asked to add 1348r2 to the agenda since she is present now.

The chair asked if there’s any objection by amending the agenda on the fly.

No objection.

* + 1348r2 CR for PAR verification low latency Yousi Lin

C: what is the jitter definition here?

C: what does the given delay mean in the definition of the Ratio?

C: what type of traffic do you use? E.g., CBR, FTP, or others?

C: do STA terminate their TXOP after transmission, or wait until the TXOP ends?

C: the traffic rate is per BSS, or per STA?

A: it’s the traffic generation rate for all links of each device.

C: how do you calculate the latency?

SP is scheduled for Wednesday.

* + Motions: [1038r39](https://mentor.ieee.org/802.11/dcn/22/11-22-1038-39-00be-tgbe-motions-list-part-3.pptx)

**Motion 502 (Post-Quarantine 1)**

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

* 12036 in [11-22/1366r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1366-02-00be-cr-for-miscellaneous-cids.docx) [1 CID]

**Move: Guogang Huang Second: Massinissa Lalam**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 503 (Post-Quarantine 2)**

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

* 11714 in [11-22/1779r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1779-00-00be-cr-for-cid-11714.docx) *[1 CID]*

**Move: Po-Kai Huang Second: Gaurav Patwardhan**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 504 (MAC-Separate)**

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

* 13476 in [11-22/1480r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1480-01-00be-lb266-cr-for-clause-9.docx) *[1 CID]*

**Move: Abhishek Patil Second: Serhat Erkucuk**

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

**Result:** 54Y, 40N, 49A **(fails)**

Note:

Results from webex polling tool: **45Y, 35N, 38A**

Results from webex chat window: **9Y, 5N, 11A**

Gaurang asked to record the voting results in the minutes.

Unfortunately the individual voting results are not available due to technical difficulties. For some reason only a shortcut to the document was saved locally but the chair can't locate the actual file with the results provided by WebEx app. So we only have available the votes that were gathered via WebEx chat.

In view of the lack of data, the chair is recording the final result to be the same as the preliminary result for Motion 504 which is 54Y, 40N, 49A.

**Motion 505 (Quarantine 1)**

**Move to approve a resolution of:**

* **“Rejected -- A proposed resolution for “this CID” was discussed as part of the comment resolutions in “document”, however the group could not reach consensus on a proposed change that would resolve the comment.” for the CIDs that have “Q1” in the “Motion Number” column, wherein the full rejection reason is shown in the “Resolution column” of** [**11-23/0085r1**](https://mentor.ieee.org/802.11/dcn/23/11-23-0085-01-00be-quarantine-motions-q1-q7.xlsx)**, except those under submissions: 11-22/1201r4, 11-22/1264r6, 11-22/1263r4, 11-22/1366r0, 11-22/1369r3, 11-22/1036r3, 11-22/1373r5, 11-22/1189r8, 11-22/1189r7.**

**Move: Subir Das Second: George Cherian**

**Discussion: None.**

**Result: Approved with unanimous consent.**

Note: CIDs that have been discussed and for which the group could not reach consensus. Contains rejections for certain CIDs that were discussed in these **documents (POCs):** **22/1264r6 (Yunbo), 22/1369r3 (Morteza), 22/1054r3 (Po-Kai), 22/1279r1 (Liangxiao), 22/1187r1 (Dibakar), 22/1216r2 (Chien-Fang), 22/1264r2 (Yunbo), 22/1189r7 (Dibakar), 22/1202r3 (Vishnu), 22/1201r4 (Vishnu), 22/1373r5 (Abdel), 22/1189r8 (Dibakar), 22/1182r7 (Po-Kai), 22/1366r0 (Guogang), 22/1188r4 (Dibakar), 22/1263r4 (Yunbo), 22/1204r4 (Minyoung), 22/1357r2 (Morteza), 22/1036r3 (Liuming)**

**Motion 506 (Quarantine 2)**

**Move to approve a resolution of:**

* **“Rejected -- A proposed resolution for “this CID” was discussed as part of the comment resolutions in “document”, however the group could not reach consensus on a proposed change that would resolve the comment.” for the CIDs that have “Q2” in the “Motion Number” column, wherein the full rejection reason is shown in the “Resolution column” of** [**11-23/0085r1**](https://mentor.ieee.org/802.11/dcn/23/11-23-0085-01-00be-quarantine-motions-q1-q7.xlsx)**, except those under submissions: 11-22/1427r1, 11-22/1505r2, 11-22/1503r2, 11-22/1504r2, 11-22/1418r1, 11-22/1417r0, 11-22/1480r1, 11-22/1436r2, 11-22/1381r4, 11-22/1462r1**

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

**Discussion: None.**

**Result: Approved with unanimous consent.**

Note: CIDs that have been discussed and for which the group could not reach consensus. Contains rejections for certain CIDs that were discussed in these **documents:** **22/1357r2 (Morteza), 22/1505r2 (Liwen), 22/1503r2 (Liwen), 22/1504r2 (Liwen), 22/1436r2 (Duncan), 22/1418r1 (Yunbo), 22/1377r4 (Xiangxin), 22/1381r4 (Minyoung), 22/1452r3 (Yonggang), 22/1480r1 (Gaurang), 22/1462r1 (Ming), 22/1457r1 (Duncan), 22/1435r0 (Duncan), 22/1482r4 (Laurent), 22/1502r0 (Liwen), 22/1422r3 (Abhishek), 22/1428r2 (Laurent), 22/1417r0 (Yunbo), 22/1427r1 (Rubayet)**

**Motion 507 (Quarantine 3)**

**Move to approve a resolution of:**

* **“Rejected -- A proposed resolution for “this CID” was discussed as part of the comment resolutions in “document”, however the group could not reach consensus on a proposed change that would resolve the comment.” for the CIDs that have “Q3” in the “Motion Number” column, wherein the full rejection reason is shown in the “Resolution column” of** [**11-23/0085r1**](https://mentor.ieee.org/802.11/dcn/23/11-23-0085-01-00be-quarantine-motions-q1-q7.xlsx)**, except those under submissions: 11-22/1545r3, 11-22/1683r6, 11-22/1709r5, 11-22/1705r2, 11-22/1517r2, 11-22/1680r1, 11-22/1526r5, 11-22/1709r2.**

**Move: Abhishek Patil Second: Rethna Pulikkoonattu**

**Discussion: None.**

**Result: Approved with unanimous consent.**

Note: CIDs that have been discussed and for which the group could not reach consensus. Contains rejections for certain CIDs that were discussed in these **documents (POCs): 11-22/1671r3 (Arik), 11-22/1709r5 (Binita), 11-22/1517r2 (Minyoung), 11-22/1661r4 (Yonggang), 11-22/1717r1 (Ming), 11-22/1680r1 (Ming), 11-22/1545r3 (Kumail), 11-22/1683r6 (Frank), 11-22/1742r2 (Yousi), 11-22/1709r2 (Binita), 11-22/1539r3 (Ming), 11-22/1692r2 (Stephen), 11-22/1583r2 (Po-Kai), 11-22/1537r1 (Juseong), 11-22/1535r1 (Juseong), 11-22/1574r1 (Liuming), 11-22/1526r5 (Ming), ~~11-22/1705r2 (Ming),~~ 11-22/1746r4 (Ming), 11-22/1586r2 (Abhishek)**

**Motion 508 (Quarantine 4)**

**Move to approve a resolution of:**

* **“Rejected -- A proposed resolution for “this CID” was discussed as part of the comment resolutions in “document”, however the group could not reach consensus on a proposed change that would resolve the comment.” for the CIDs that have “Q4” in the “Motion Number” column, wherein the full rejection reason is shown in the “Resolution column” of** [**11-23/0085r1**](https://mentor.ieee.org/802.11/dcn/23/11-23-0085-01-00be-quarantine-motions-q1-q7.xlsx)**, except those under submissions: 11-22/1756r7, 11-22/1793r1, 11-22/1768r7**

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

**Discussion: None.**

**Result: Approved with unanimous consent.**

Note: CIDs that have been discussed and for which the group could not reach consensus. Contains rejections for certain CIDs that were discussed in these **documents (POCs): 11-22/1768r7 (Ming), 11-22/1793r1 (Morteza), 11-22/1832r1 (Yongho), 11-22/1796r0 (Abhishek), 11-22/1827r5 (Chunyu), 11-22/1815r2 (Xiangxin), 11-22/1838r5 (Binita), 11-22/1828r1 (Chunyu), 11-22/1756r3 (Minyoung), 11-22/1816r3 (Abhishek/Po-Kai), 11-22/1766r2 (Ming), 11-22/1777r2 (Po-Kai), 11-22/1836r1 (Yongho), 11-22/1747r3 (Ming), 11-22/1811r0 (Liwen), 11-22/1756r5 (Minyoung), 11-22/1756r7 (Minyoung), 11-22/1789r0 (Sanghyun), 11-22/1825r0 (Pooya), 11-22/1786r1 (Liuming)**

**Motion 509 (Quarantine 6)**

**Move to approve a resolution of:**

* **“Rejected -- A proposed resolution for “this CID” was discussed as part of the comment resolutions in “document”, however the group could not reach consensus on a proposed change that would resolve the comment.” for the CIDs that have “Q6” in the “Motion Number” column, wherein the full rejection reason is shown in the “Resolution column” of** [**11-23/0085r1**](https://mentor.ieee.org/802.11/dcn/23/11-23-0085-01-00be-quarantine-motions-q1-q7.xlsx)**, except those under submissions: 11-22/1906r0, 11-22/1890r0, 11-22/1890r1, 11-22/1876r1, 11-22/1881r2, 11-22/1844r1, 11-22/1879r1, 11-22/1978r5**

**Move: Kumail Haider Second: John Wullert**

**Discussion: None.**

**Result: Approved with unanimous consent.**

Note: CIDs that have been discussed and for which the group could not reach consensus. Contains rejections for certain CIDs that were discussed in these **documents (POCs): 22/1876r1 (Jay), 22/1848r1 (Morteza/Minyoung), 22/1860r3 (Frank), 22/1966r1 (Pooya), 22/1890r0 (Binita), 22/1890r1 (Binita), ~~22/1881r2 (Ming),~~ 22/1879r1 (Ming), 22/1846r2 (Kaiying), 22/1906r0 (Binita), 22/1935r1 (Thomas), 22/1943r3 (Dmitry), 22/1978r5 (Abhishek), 22/1850r1 (Mark), 22/1903r4 (Laurent), 22/1844r1 (Kaiying), 22/1944r1 (Dmitry), 22/1920r0 (Geonjung), 22/1903r6 (Laurent).**

**Motion 510 (Quarantine 7)**

**Move to approve a resolution of:**

* **“Rejected -- A proposed resolution for “this CID” was discussed as part of the comment resolutions in “document”, however the group could not reach consensus on a proposed change that would resolve the comment.” for the CIDs that have “Q7” in the “Motion Number” column, wherein the full rejection reason is shown in the “Resolution column” of** [**11-23/0085r1**](https://mentor.ieee.org/802.11/dcn/23/11-23-0085-01-00be-quarantine-motions-q1-q7.xlsx)**, except those under submissions: 11-22/2184r0, 11-22/2153r0, 11-22/2183r0, 11-22/2164r1, 11-22/2172r0.**

**Move: John Wullert Second: Abhishek Patil**

**Discussion: None.**

**Result: Approved with unanimous consent.**

Note: CIDs that have been discussed and for which the group could not reach consensus. Contains rejections for certain CIDs that were discussed in these **documents (POCs): 11-22/2164r1 (Subir), 11-22/2170r1 (Gaurang), 11-22/2033r1 (Po-Kai), 11-22/2157r1 (EDITOR), ~~11-22/2172r0 (Abdel),~~ 11-22/2184r0 (Jeongki), 11-22/2045r1 (Minyoung), 11-22/2170r0/11-22/2174r0 (Gaurang/Qi), 11-22/2170r0/11-22/2175r0 (Gaurang/Qi), 11-22/2175r0 (Qi), 11-22/2108r2 (Xiaofei), 11-22/2165r1 (Po-Kai), 11-22/2045r0 (Minyoung), 11-22/2153r0 (Jeongki), 11-22/2183r0 (Jeongki), 23/0036r1 (Binita), 11-22/2178r0 (Yuchen).**

**Motion 511 (MAC)**

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

* 10098, 10941, 12714, 12715 in [11-22/1489r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1489-01-00be-lb266-cr-for-misc-cids.docx) & 12622 in [11-22/2179r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2179-01-00be-cc36-cr-for-cid-12622.docx) & 10847, 13391 in [11-22/2196r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2196-00-00be-lb266-cr-for-misc-cids.docx) *[7 CIDs]*
* 10351, 10550, 11376, 11902 in [11-23/0084r1](https://mentor.ieee.org/802.11/dcn/23/11-23-0084-01-00be-d2-0-misc-cids.docx) *[4 CIDs]*
* 10625 in [11-22/1462r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1462-03-00be-lb266-cr-for-subclause-35-3-4-4.docx) & 10686, 10903, 11112, 12287, 12341, 12463, 13036, 13307 in [11-22/2172r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2172-01-00be-lb266-cr-for-cids-in-35-9.docx) *[9 CIDs]*
* 11547, 11548 in [11-22/2108r3](https://mentor.ieee.org/802.11/dcn/22/11-22-2108-03-00be-cr-for-misc-cids.docx) *[2 CIDs]*

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

**Move: George Cherian Second: Mike Montemurro**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 512 (Joint)**

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

* 11485, 12305 in [11-23/0074r0](https://mentor.ieee.org/802.11/dcn/23/11-23-0074-00-00be-lb266-crs-for-4-9-5-and-7-1-reference-model-and-ds-part-2.docx) & 12951, 13274, 14093 in [11-22/1878r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1878-00-00be-lb266-cr-for-clause-6-3.docx) & 12737, 10983, 12759 in [11-22/2125r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2125-00-00be-lb266-cr-for-trigger-frame-misc-part2.docx) *[8 CIDs]*
* 13526 in [11-22/2180r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2180-01-00be-lb266-general-cid.docx) & 10589 in [11-22/1680r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1680-03-00be-comment-resolution-for-clause-11-20-6-5.docx) & 11196 in [11-22/2109r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2109-01-00be-lb266-cr-for-cid-11196.docx) *[3 CIDs]*
* 12286 in [11-22/1774r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1774-05-00be-lb266-cr-for-misc-cids.docx) *[1 CIDs]*
* 10212, 11790, 11798, 10080, 11964 in [11-22/2164r2](https://mentor.ieee.org/802.11/dcn/22/11-22-2164-02-00be-epcs-and-fast-tranisition.docx) *[5 CIDs]*

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

**Move: Subir Das Second: Arik Klein**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 513 (Joint)**

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

* 11700 in [11-22/1373r7](https://mentor.ieee.org/802.11/dcn/22/11-22-1373-07-00be-lb266-cr-for-cid-11700.docx) *[1 CIDs]*

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

**Move: Second:**

**Discussion:**

**Result:**

**Post-Poned.**

The chair asked if anyone can present a contribution within 7 minutes.

Pooya asked to present 1966r3.

The chair asked if there’s any objection by adding 1966r3 to the agenda.

No objection.

* Technical Submissions**: CR**
  + 1966r3 CR for TID to Link Mapping Advertisement Pooya Monajemi

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1966r3 and incorporate the text changes into the latest TGbe draft?

         10535, 11761, and 12632

Discussion: None.

Result: No objection.

* Recess at 12:28

# Tuesday, January 17, PHY/MAC PM1 (13:30-15:30)

For PHY ad-hoc group:

* canceled

For MAC ad-hoc group:

* https://mentor.ieee.org/802.11/dcn/23/11-23-0088-01-00be-minutes-of-tgbe-2023-jan-interim-mac.docx

# Tuesday, January 17, MAC PM2 (16:00-18:00)

* https://mentor.ieee.org/802.11/dcn/23/11-23-0088-01-00be-minutes-of-tgbe-2023-jan-interim-mac.docx

# Wednesday, January 18, Joint AM1 (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
  + **LB266 Spreadsheet Review:** [**Link-49**](https://mentor.ieee.org/802.11/dcn/22/11-22-0971-49-00be-ieee-802-11be-lb266-comments.xlsx)
  + Technical Submissions**: CRs**
    - [1692r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1692-02-00be-clause-3-2-comment-resolutions.docx) Clause 3.2 Comment Resolutions Stephen McCann [2C]
    - [1036r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1036-04-00be-lb266-cr-for-35-9-2-1-latency-sensitive-traffic-differentiation.docx) CR for 35.9.2.1 Latency sensitive traffic differentiation Liuming Lu [1C-SP]
    - [1348r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1348-03-00be-lb266-cr-for-par-verification-low-latency.pptx) CR for PAR verification low latency Yousi Lin [1C SP]
    - [2126r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2126-00-00be-lb266-cr-for-preamble-puncturing-misc.docx) LB266 CR for Preamble Puncturing Misc Yanjun Sun [2C]
    - [1811r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1811-02-00be-tgbe-d2-0-comment-resolution-20-mhz-only-sta.docx) TGbe D2.0 comment resolution 20 MHz only STA Liwen Chu [1C]
  + Discussion
    - Binita requested to add 1906r2
    - Kaiying requested to add 1844r4
    - Vishnu requested to add 1201r5
    - Liwen requested to add 1504
  + Agenda approved with unanimous consent
* Technical Submissions**: CR**
  + [1692r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1692-02-00be-clause-3-2-comment-resolutions.docx) Clause 3.2 Comment Resolutions Stephen McCann

C: We have defined NSTR mobile AP MLD, that’s clear and enough.

C: for the 2nd CID, it should be in subclause 3.2

C: I think we need this, because currently we have the definition of NSTR mobile AP MLD, but what is mobile AP MLD? We need to define it.

C: it should be at most two links.

C: the definition does not need to mention how many links.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1692r2 and incorporate the text changes into the latest TGbe draft?

         11980, 12471

Discussion: None.

Result: 43Y 10N 18A

Note:

Results from webex polling tool: 39Y 8N 18A

Results from webex chat window: 4Y 2N 0A.

* + [1036r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1036-04-00be-lb266-cr-for-35-9-2-1-latency-sensitive-traffic-differentiation.docx) CR for 35.9.2.1 Latency sensitive traffic differentiation Liuming Lu

C: typically the characteristics is end to end, which is not dictated by the AP.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1036r5 and incorporate the text changes into the latest TGbe draft?

         14072

Discussion: None.

Result: 23Y 36N 29A.

Note:

Results from webex polling tool: 20Y 32N 28A

Results from webex chat window: 3Y 4N 1A

* + [1348r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1348-03-00be-lb266-cr-for-par-verification-low-latency.pptx) CR for PAR verification low latency Yousi Lin

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1348r3 and incorporate the text changes into the latest TGbe draft?

         10890

Discussion: None.

Result: No objection.

* + [2126r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2126-00-00be-lb266-cr-for-preamble-puncturing-misc.docx) LB266 CR for Preamble Puncturing Misc Yanjun Sun

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/2126r0 and incorporate the text changes into the latest TGbe draft?

         12356, 13451, 11682

Discussion: None.

Result: No objection.

* + [1811r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1811-02-00be-tgbe-d2-0-comment-resolution-20-mhz-only-sta.docx) TGbe D2.0 comment resolution 20 MHz only STA Liwen Chu

C: the Light support may be misleading.

C: we can use Lite support

C: Why do we need Lite? Seems not very professional.

C: You don’t need to use Lite, because you already have the “only”.

C: suggest to go offline to find a more appropriate name.

SP deferred

* + 1906r2 LB266 CR for R-TWT related to QoS Characteristics and SCS Binita Gupta

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1906r3 and incorporate the text changes into the latest TGbe draft?

         10907, 12338, 12291, 12292

Discussion: None.

Result: No objection.

* + 1844r3 CR-for-NSTRMobileAP-part2 Kaiying Lu

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1844r3 and incorporate the text changes into the latest TGbe draft?

         12390, 14112

Discussion:

C: 14112 has been rejected yesterday.

C: if this one passes, then it will supersede the motion passed yesterday.

Result: No objection.

* + 1201r6 ML traffic indication using A-control Vishnu Ratnam

C: this version seems a major change compared with the version on the server.

A: No, I only change the order of the subfields.

C: the wakeup concept is not good for the clients since the clients have their own algorithm of controlling their wakeup state.

C: we already have schemes like link recommendation. This seems further optimization, but not so useful.

C: there are some use cases that the current link recommendation can not cover.

C: the link recommendation in the Beacon can do the same thing, so this is redundant.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1201r6 and incorporate the text changes into the latest TGbe draft?

         11587

Discussion: None.

Result: 42Y 49N 11A.

Note:

Results from webex polling tool: 38Y 47N 11A

Results from webex chat window: 4Y 2N 0A

The chair asked if there’s any objection of amending the agenda by add the SP for doc. 1811.

No objection.

* + 1811r4 TGbe D2.0 comment resolution 20 MHz only STA Liwen Chu

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1811r4 and incorporate the text changes into the latest TGbe draft?

         13944. 13945, 12161

Result: No objection.

* Recess at 09:59

# Wednesday, January 18, MAC PM2 (16:00-18:00)

* To be added

# Thursday, January 19, Joint AM1 (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
  + Technical Submissions**: CRs**
    - [1680r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1680-04-00be-comment-resolution-for-clause-11-20-6-5.docx) Comment Resolution for Clause 11.20.6.5 Osama Aboul-Magd [1 CID]
    - 1482r6 LB266 CR for preamble puncturing Yanjun Sun [2CIDs SP]
    - [2018r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2018-00-00be-cr-for-cid-10921.docx) CR for CID 10921 Kaiying Lu [1C]
    - [2170r5](https://mentor.ieee.org/802.11/dcn/22/11-22-2170-05-00be-lb266-misc-cids.docx) LB266: Misc CIDs Gaurang Naik [1C]
    - [1998r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1998-03-00bf-cr-for-misc-cids.docx) CR for misc CIDs Dibakar Das [2C SP]
    - [2182r2](https://mentor.ieee.org/802.11/dcn/22/11-22-2182-02-00be-lb266-cr-for-misc-cids-in-35-9-and-35-9-4-1.docx) CR for misc CIDs in 35.9 and 35.9.4.1 Chunyu Hu [?? SP]
    - [1774r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1774-06-00be-lb266-cr-for-misc-cids.docx) LB266 CR for Misc. CIDs Rubayet Shafin [??]
  + **Motions:** [**1038r41**](https://mentor.ieee.org/802.11/dcn/22/11-22-1038-41-00be-tgbe-motions-list-part-3.pptx)
  + Discussion
    - Binita requested to add 1890r6
    - Liwen requested to add 0084
    - Chenchen Liu requested to add 1851r1
    - Yanjun asked to defer 2170r5 since Gaurang is in a different session
  + Agenda approved with unanimous consent
* Technical Submissions**: CR**
  + [1680r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1680-04-00be-comment-resolution-for-clause-11-20-6-5.docx) Comment Resolution for Clause 11.20.6.5 Osama Aboul-Magd

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1680r4 and incorporate the text changes into the latest TGbe draft?

         14117

Discussion: None.

Result: No objection

* + 1482r6 LB266 CR for preamble puncturing Yanjun Sun

C: Guogang asked for more time to review, suggest to have the SP in PM1.

SP deferred.

* + [2018r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2018-01-00be-cr-for-cid-10921.docx) CR for CID 10921 Kaiying Lu

C: If we make this change, then we will open the door for adding another AP which may not form NSTR link pair. Then it will be a hybrid AP MLD which need further discussion.

C: you are changing the definition of the mobile AP MLD which have only two links.

C: the word “shall” seems not appropriate since it’s not a kind of behavior. Suggest to remove the word “shall”.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/2018r1 and incorporate the text changes into the latest TGbe draft?

         10921

Discussion: None.

Result: 49Y 26N 15A .

* + [1998r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1998-03-00bf-cr-for-misc-cids.docx) CR for misc CIDs Dibakar Das

Deferred to the next session due to the audio issue on Dibakar’s side.

* + [2182r2](https://mentor.ieee.org/802.11/dcn/22/11-22-2182-02-00be-lb266-cr-for-misc-cids-in-35-9-and-35-9-4-1.docx) CR for misc CIDs in 35.9 and 35.9.4.1 Chunyu Hu

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/2182r2 and incorporate the text changes into the latest TGbe draft?

         13211, 13213, 10712, 10913, 13239, 13636, 13014, 10696, 10697, 12403, 13033, 12894, 12490, 10698

Discussion: None.

Result: No objection

* + [1774r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1774-06-00be-lb266-cr-for-misc-cids.docx) LB266 CR for Misc. CIDs Rubayet Shafin

C: Yousi asked for deferral of CID 13662 to the next session.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1774r6 and incorporate the text changes into the latest TGbe draft?

         11116

Discussion: None.

Result: No objection

* + 1890r6 LB266 CR for Reconfiguration ML element Binita Gupta

C: Guogang asked for a separate SP for CID 13481

A: Not running SP for this CID now

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1890r6 and incorporate the text changes into the latest TGbe draft?

         10567 13480 13759 13762 11520 10565 11400

Discussion: None.

Result: No objection

* + [1189r8](https://mentor.ieee.org/802.11/dcn/22/11-22-1998-03-00bf-cr-for-misc-cids.docx) CR for TXS - part 1 Dibakar Das

C: we’ve already have two disable bits for UL MU, if we add another one, it will make it more complex.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1189r8 and incorporate the text changes into the latest TGbe draft?

         11702, 11703

Discussion: None.

Result: 29Y 30N 29A

* + 0084r2 D2.0 Misc CIDs Liwen Chu

C: I remember we’ve already have similar resolution in the rtwt section.

C: similar issue in eMLSR has also been discussed, but couldn’t pass.

C: if the non-AP initiate transmission on the other link, how does the AP stop that?

**SP:** Do you agree to resolve the following CIDs listed in 11-23/0084r2 and incorporate the text changes into the latest TGbe draft?

         12727, 12729

Discussion: None.

Result: 24Y 25N 27A

* + 1851r1 LB266 CR for CID 11891 Chenchen Liu

C: which draft version is this CR document based on?

A: D2.0

C: Youhan requested more time to double check this.

SP deferred to PM1 session.

* + **Motions:** [**1038r41**](https://mentor.ieee.org/802.11/dcn/22/11-22-1038-41-00be-tgbe-motions-list-part-3.pptx)

**Motion 513 (Joint)**

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

* 11700 in [11-22/1373r8](https://mentor.ieee.org/802.11/dcn/22/11-22-1373-07-00be-lb266-cr-for-cid-11700.docx) *[1 CIDs]*

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

**Move: George Cherian Second: Kumail Haider**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 514 (MAC)**

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

* 11042, 11401 in [11-22/1890r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1890-05-00be-lb266-cr-for-reconfiguration-ml-element.docx) & ~~13873 in~~ [~~11-22/1881r4~~](https://mentor.ieee.org/802.11/dcn/22/11-22-1881-04-00be-lb266-cr-for-leftover-cids.docx) ~~\*~~& 13989 in [11-22/1263r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1263-05-00be-lb266-cr-for-txop-return-in-mu-rts-txs.docx) & 13368 in [11-22/1705r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1705-02-00be-lb266-cr-for-miscellaneous-cids.docx) *[4 CIDs]*
* 13392, 13393 in [11-22/1417r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1417-04-00be-lb266-cr-for-35-3-16-2.docx) & 10053, 11651 in [11-22/1793r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1793-06-00be-nstr-mobile-ap-miscellaneous-cids.docx) & 11138, 13863 in [11-22/1978r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1978-06-00be-lb266-resolution-for-misc-comments.docx) *[6 CIDs]*
* 10542 in [11-22/1369r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1369-05-00be-cr-for-some-cids-on-clause-9.docx) & 12805, 11190, 11191, 11740 in [11-22/2196r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2196-01-00be-lb266-cr-for-misc-cids.docx) *[5 CIDs]*
* 10046, 10047, 12856, 12857, 12858, 12859, 10166, 11463, 12873, 11589 in [11-22/1503r7](https://mentor.ieee.org/802.11/dcn/22/11-22-1503-07-00be-d2-0-comment-resolution-subclause-35-3-18-part-1.docx) *[10 CIDs]*
* 10165, 10167, 12851, 10042, 12893, ~~13956,\*~~ 11588, 11590, 12167, 13596 in [11-22/1503r7](https://mentor.ieee.org/802.11/dcn/22/11-22-1503-07-00be-d2-0-comment-resolution-subclause-35-3-18-part-1.docx) under option 1 *[9 CIDs]*
* 10773 in [11-22/1683r9](https://mentor.ieee.org/802.11/dcn/22/11-22-1683-09-00be-lb-266-cr-for-capability-update-notification.docx) & 12326, 13394, 13699, 13925, 10365, 10082, 12440 in [11-22/1418r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1418-02-00be-lb266-cr-of-nstr-capability-update.docx) & 10071 in [11-22/1436r9](https://mentor.ieee.org/802.11/dcn/22/11-22-1436-09-00be-cr-for-9-4-2-316-qos-charateristics-element-part-1.docx) *[9 CIDs]*

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

**Move: Second:**

**Discussion:**

Binita: request 1683r9 and 1418r2 to have separate motion

Gaurang: need to check 1503r7

Yongho: if we have separate motion for 1683, would it be immediately after this one, or at the end?

Alfred: immediately after this motion.

Motion 514 not run due to time limit.

* Recess at 09:59

# Thursday, January 19, MAC AM2 (10:30-12:30)

* To be added

# Thursday, January 19, Joint PM1 (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
  + **TGbe Editor’s Report:** [**971r50**](https://mentor.ieee.org/802.11/dcn/22/11-22-0971-50-00be-ieee-802-11be-lb266-comments.xlsx)
  + **Submissions (deferred SPs) (up to 2:00pm):**
  + Pending submissions
  + **Motions:** [**1038r42**](https://mentor.ieee.org/802.11/dcn/22/11-22-1038-42-00be-tgbe-motions-list-part-3.pptx) **(up to 3:00pm)**
  + **Motions (Final Quarantine, WG LB Motion, CAD motion) (starting from 3:00)**
  + **Goals for March 2023, Teleconference/Ad-hoc Plan, Timeline**
  + Discussion
    - Chunyu requested to run SP for 1828r3
    - Rubayet requested to run SP for 1774r7
    - Yanjun requested to run SP for 1482r7
    - Liwen requested to run SP for 1505r5
    - Qi said her doc is not included in the motion list, the chair said we can add it on the fly
  + Agenda approved with unanimous consent
* Technical Submissions**: CR**
  + 1828r3 LB266 CR mainly related to 35.9.5 r-twt traffic delivery Chunyu Hu

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1828r3 and incorporate the text changes into the latest TGbe draft?

         13655, 13039, 13309, 13447, 12435

Discussion: None.

Result: No objection

* + 1774r7 LB266 CR for Misc. CIDs Rubayet Shafin

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1774r7 and incorporate the text changes into the latest TGbe draft?

         13662

Discussion: None.

Result: No objection

* + 1482r7 LB266 CR for preamble puncturing Yanjun Sun

C: Guogang mentioned that he has concern on it, and he has alternative solution.

A: only run SP for the EIRP part.

C: wants to propose an alternative solution.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1482r7 and incorporate the text changes into the latest TGbe draft?

         10988, 11011

Discussion: None.

Result: 47Y 29N 34A

* + 1505r5 11be D2.0 comment resolution subclause 35.3.18 part 3 Liwen Chu

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-22/1505r5 and incorporate the text changes into the latest TGbe draft?

         11163, 13649

Discussion: None.

Result: No objection

* + **Motions:** [**1038r42**](https://mentor.ieee.org/802.11/dcn/22/11-22-1038-42-00be-tgbe-motions-list-part-3.pptx)

**Motion 515 (MAC-separate)**

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

* 10773 in [11-22/1683r9](https://mentor.ieee.org/802.11/dcn/22/11-22-1683-09-00be-lb-266-cr-for-capability-update-notification.docx) *[1 CID]*

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

**Move: Frank Hsu Second: Yunbo Li**

**Discussion: Some discussion.**

**Preliminary Result: 62Y, 16N, 30A (+3Y, +1N) (pass)**

**Result:**

**Motion 516 (MAC-separate)**

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

* 12326, 13394, 13699, 13925, 10365, 10082, 12440 in [11-22/1418r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1418-03-00be-lb266-cr-of-nstr-capability-update.docx) *[7 CIDs]*

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

**Move: Stephen McCann Second: Yongho Seok**

**Discussion: Some discussion. Requested recorded vote.**

**Preliminary Result: 59Y, 29N, 34A (+2NO, +3YES) (fails)**

**Result:**

C: Binita has technical concern on this proposal, it’s not aligned (consistent) with how the NSTR bitmap is included in the basic multi-link element.

Ming requests to record individual vote of this motion

**Motion 514 (MAC)**

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

* 11042, 11401 in [11-22/1890r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1890-05-00be-lb266-cr-for-reconfiguration-ml-element.docx) & ~~13873 in~~ [~~11-22/1881r4~~](https://mentor.ieee.org/802.11/dcn/22/11-22-1881-04-00be-lb266-cr-for-leftover-cids.docx) ~~\*~~& 13989 in [11-22/1263r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1263-05-00be-lb266-cr-for-txop-return-in-mu-rts-txs.docx) & 13368 in [11-22/1705r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1705-02-00be-lb266-cr-for-miscellaneous-cids.docx) *[4 CIDs]*
* 13392, 13393 in [11-22/1417r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1417-04-00be-lb266-cr-for-35-3-16-2.docx) & 10053, 11651 in [11-22/1793r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1793-06-00be-nstr-mobile-ap-miscellaneous-cids.docx) & 11138, 13863 in [11-22/1978r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1978-06-00be-lb266-resolution-for-misc-comments.docx) *[6 CIDs]*
* 10542 in [11-22/1369r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1369-05-00be-cr-for-some-cids-on-clause-9.docx) & 12805, 11190, 11191, 11740 in [11-22/2196r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2196-01-00be-lb266-cr-for-misc-cids.docx) *[5 CIDs]*
* 10046, 10047, 12856, 12857, 12858, 12859, 10166, 11463, 12873, 11589 in [11-22/1503r7](https://mentor.ieee.org/802.11/dcn/22/11-22-1503-07-00be-d2-0-comment-resolution-subclause-35-3-18-part-1.docx) *[10 CIDs]*
* 10165, 10167, 12851, 10042, 12893, ~~13956,\*~~ 11588, 11590, 12167, 13596 in [11-22/1503r8](https://mentor.ieee.org/802.11/dcn/22/11-22-1503-08-00be-d2-0-comment-resolution-subclause-35-3-18-part-1.docx) *[9 CIDs]*
* ~~10773 in~~ [~~11-22/1683r9~~](https://mentor.ieee.org/802.11/dcn/22/11-22-1683-09-00be-lb-266-cr-for-capability-update-notification.docx) ~~& 12326, 13394, 13699, 13925, 10365, 10082, 12440 in~~ [~~11-22/1418r2~~](https://mentor.ieee.org/802.11/dcn/22/11-22-1418-02-00be-lb266-cr-of-nstr-capability-update.docx) & 10071 in [11-22/1436r9](https://mentor.ieee.org/802.11/dcn/22/11-22-1436-09-00be-cr-for-9-4-2-316-qos-charateristics-element-part-1.docx) *[1 CIDs]*

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

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

**Discussion: None.**

**Result: Approved with unanimous consent.**

*Note: \*Already motioned (M-481). Hence, removed. Same with 13956, removed (M509).*

**Motion 517 (MAC)**

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

* 11366, 11368, and 11369 in [11-22/2175r2](https://mentor.ieee.org/802.11/dcn/22/11-22-2175-02-00be-proposed-resolutions-to-lb266-cids-on-emlsr-entering-and-exit-process.docx) *[3 CIDs]*
* 11566 in [11-22/2196r2](https://mentor.ieee.org/802.11/dcn/22/11-22-2196-02-00be-lb266-cr-for-misc-cids.docx) & 10574 in [11-22/2167r1](https://mentor.ieee.org/802.11/dcn/22/11-22-2167-01-00be-eht-bandwidth-indication.docx) *[2 CIDs]*
* ~~10448, 12712, 12780, 13222 in~~ [~~11-23/0105r3~~](https://mentor.ieee.org/802.11/dcn/23/11-23-0105-02-00be-cr-for-9-4-2-316-qos-charateristics-element-misc.docx)*~~[4 CIDs]~~*
* 10868, 10910, 12294, 13949, 11584, 13594, 13595 in [11-23/1504r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1504-04-00be-11be-d2-0-comment-resolution-subclause-35-3-18-part-2.docx) *[7 CIDs]*
* 12789 in [11-22/2170r7](https://mentor.ieee.org/802.11/dcn/22/11-22-2170-07-00be-lb266-misc-cids.docx) & 12486 in [11-22/2184r2](https://mentor.ieee.org/802.11/dcn/22/11-22-2184-02-00be-lb266-cr-for-remaining-cids.docx) & 11365 in [11-22/2174r3](https://mentor.ieee.org/802.11/dcn/22/11-22-2174-03-00be-proposed-resolution-to-lb266-cid-on-emlsr-parameter-indication.docx) *[3 CIDs]*
* 10041, 10089, 13816, 10045 in [11-22/1505r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1505-05-00be-11be-d2-0-comment-resolution-subclause-35-3-18-part-3.docx) *[4 CIDs]*
* 11366, 11368, and 11369 in 11-22/2175r2 [3 CIDs]

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

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

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 518 (Joint/MAC)**

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

* 10535, 11761, and 126325 in [11-22/1966r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1966-03-00be-cr-for-tid-to-link-mapping-advertisement.docx) *[3 CIDs]*
* 11714 in [11-22/1779r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1779-00-00be-cr-for-cid-11714.docx) *[1 CID]\**
* 11980, 12471 in [11-22/1692r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1692-02-00be-clause-3-2-comment-resolutions.docx)\*\* & 10890 in slide 3 of [11-22/1348r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1348-03-00be-lb266-cr-for-par-verification-low-latency.pptx) & 12356, 13451, 11682 in [11-22/2126r0](https://mentor.ieee.org/802.11/dcn/22/11-22-2126-00-00be-lb266-cr-for-preamble-puncturing-misc.docx) *[6 CIDs]*
* 10907, 12338, 12291, 12292 in [11-22/1906r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1906-03-00be-lb266-cr-for-r-twt-related-to-qos-characteristics-and-scs.docx) & 12390, 14112 in [11-22/1844r3](https://mentor.ieee.org/802.11/dcn/22/11-22-1844-03-00be-cr-for-nstrmobileap-part2.docx)\*\* *[6 CIDs]*
* 13944, 13945, 12161 in [11-22/1811r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1811-04-00be-tgbe-d2-0-comment-resolution-20-mhz-only-sta.docx)\*\* *[3 CIDs]*
* 10448, 12712, 12780, 13222 in [11-23/0105r3](https://mentor.ieee.org/802.11/dcn/23/11-23-0105-03-00be-cr-for-9-4-2-316-qos-charateristics-element-misc.docx) *[4 CIDs]*

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

**Move: Abhishek Patil Second: Stephen McCann**

**Discussion: None.**

**Result: Approved with unanimous consent.**

*Note: \*Approved in M503 but then, CID was listed under another DCN, got approved by Q-M505. Reverting to M503. \*\*Motion will supersede the resolutions of these CIDs in the respective previously run quarantine motions.*

**Motion 519 (Joint)**

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

* 14117 in [11-22/1680r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1680-04-00be-comment-resolution-for-clause-11-20-6-5.docx) & 11116 in [11-22/1774r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1774-06-00be-lb266-cr-for-misc-cids.docx) *[3 CIDs]*
* 13211, 13213, 10712, 10913, 13239, 13636, 13014, 10696, 10697, 12403, 13033, 12894, 12490, 10698 in [11-22/2182r2](https://mentor.ieee.org/802.11/dcn/22/11-22-2182-02-00be-lb266-cr-for-misc-cids-in-35-9-and-35-9-4-1.docx) *[14 CIDs]*
* 10567, 13480, 13759, 13762, 11520, 10565, 11400 in [11-22/1890r6](https://mentor.ieee.org/802.11/dcn/22/11-22-1890-06-00be-lb266-cr-for-reconfiguration-ml-element.docx) *[7 CIDs]*
* 13655, 13039, 13309, 13447, 12435 in 11-22/1828r3 *[5 CIDs]*
* 13662 in 11-22/1774r7 & 11163, 13649 in 11-22/1505r5 *[3 CIDs]*

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

**Move: Stephen McCann Second: Chunyu Hu**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 520 (Withdrawal)**

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

* 10702, 11645, 11367, 11370, 10912

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

**Move: John Wullert Second: Kiseon Ryu**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 521 (Separate)**

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

* 10385, 10436, 10486, 10632, 10717, 10722, 10771, 10772, 11102, 11658, 11742, 12163, 12164, 12165, 12168, 12169, 12377, 12378, 12481, 12906, 13066, 13092, 13277 in 11-22/1709r6

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

**Move: Binita Gupta Second: Thomas Derham**

**Discussion: Some discussion. Requested recorded vote.**

**Preliminary Result: 69Y, 37N, 15A (+5Y, +1N) (fails)**

**Result:**

C: Yongho mentioned that we need more time to discuss the solution.

C: Thomas Derham strongly supports this proposal.

C: George echoes the previous commenter.

Binita requested recorded votes for this motion.

**Motion 522 (Separate)**

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

* 13407, 13938, 10035, 14075, 12427, 13933, 13452 for 22/1768r9

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

**Move: Stephen McCann Second: Yongho Seok**

**Discussion: Some discussion.**

**Preliminary Result: 59Y, 31N, 28A (+4Y, +3N) fails.**

**Result:**

C: the extension to eMLMR does not make sense, don’t support this extension.

**Motion 523 (Separate)**

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

* 12821 13442 13834 13871 in 11-22/1526r7

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

**Move: Ming Gan Second: Rubayet Shafin**

**Discussion: Some discussion. Requested recorded vote.**

**Preliminary Result: 52Y, 35N, 26A (+1N, +3Y, ) (fails)**

**Result:**

Kumail: the bitmap is not needed. In the baseline, we can setup multiple individual TWT, and the time can be aligned.

George: have technical concern on this motion.

Rubayet: support this motion since aligned TWT is useful for MLDs.

Ming asked to record individual votes for this motion.

**Motion 524 (Final Quarantine)**

**Move to approve a resolution of:**

* **“Rejected -- A proposed resolution for “this CID” was discussed as part of the comment resolutions in “document”, however the group could not reach consensus on a proposed change that would resolve the comment.” for all the CIDs that have not yet been resolved, wherein additional notes for the rejection reason are obtained by the TGbe editor in the “Resolution column” of 11-22/971r52 after being updated with the changes resulting from the approved motions, from Motion 496 up to Motion 523.**

**Move: Stephen McCann Second: Abhishek Patil**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**WG LB Motion**

**Having approved changes to TGbe D2.0, as defined in** [**11-22/971r5**](https://mentor.ieee.org/802.11/dcn/22/11-22-0971-52-00be-ieee-802-11be-lb266-comments.xlsx)**2, in addition to motions passed during the TGbe Joint sessions of January 19th 2023.**

**Instruct the editor to prepare TGbe Draft D3.0**

**Approve a 30 day Working Group Technical Letter Ballot asking the question “Should TGbe Draft 3.0 be forwarded to SA Ballot?”**

**Moved: Stephen McCann, Seconded: Ian Sherlock**

**Preliminary Result: 99Y, 2N, 13A (+5Y, 0N) (pass)**

**Result: 104Y, 2N, 13A (pass)**

**CAD Motion**

**Approve the P802.11be Coexistence Assessment document in** [**11-21/0706r7**](https://mentor.ieee.org/802.11/dcn/21/11-21-0706-07-00be-tgbe-coexistence-assessment-document.docx)**, for inclusion in the TGbe Working Group Technical Letter Ballot**

**Move: Stephen McCann Second: Stephen Palm**

**Discussion: Some clarificatory questions.**

**Preliminary Result: 103Y, 1N, 10A (pass)**

**Result: 103Y, 1N, 10A (pass)**

Adjourned at 15:24.