IEEE P802.11
Wireless LANs

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| TGbe September November Teleconference Minutes |
| Date: 2023-10-18 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Jason Yuchen Guo | Huawei |  |  | guoyuchen@huawei.com |
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|  |  |  |  |  |

Abstract

This document contains the minutes for the IEEE 802.11 TGbe teleconferences from September 2023 to November 2023.

Revision history:

* Rev0: initial version of the document
* Rev1: add attendee list and links for the MAC/PHY ad hoc meeting minutes
* Rev2: add the minutes for the joint call held on Nov. 1
* Rev3: add the voting details for the motions, and the links for the PHY/MAC ad hoc meeting minutes
* Rev4: editorial changes
* Rev5: add the attendee list for the Nov. 1 Joint session, add the link for the TGbe F2F MAC ad hoc meeting minutes.

Abbreviations:

* C: Comment.
* A: Answer.

# 1st Conf. Call: September 25 (19:00–21:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1676-03-00be-minutes-tgbe-mac-ad-hoc-september-to-november-conference-calls.docx

# 2nd Conf. Call: September 27 (10:00–12:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1676-03-00be-minutes-tgbe-mac-ad-hoc-september-to-november-conference-calls.docx

# 3rd Conf. Call: October 09 (19:00–21:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1676-03-00be-minutes-tgbe-mac-ad-hoc-september-to-november-conference-calls.docx

# 4th Conf. Call: October 11 (10:00–12:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1676-03-00be-minutes-tgbe-mac-ad-hoc-september-to-november-conference-calls.docx

# 5th Conf. Call: October 18 (10:00–12:00 ET)–JOINT

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

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair. **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
* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please record your attendance during the conference call by using the IMAT system:
		- 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “<Joint TGbe > 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) and Alfred Asterjadhi (asterjadhi@gmail.com)
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
	+ Attendee List:

|  |  |  |  |
| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbe (Joint) | 10/18 | Au, Kwok Shum | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 10/18 | Baek, SunHee | LG ELECTRONICS |
| TGbe (Joint) | 10/18 | Bredewoud, Albert | Broadcom Corporation |
| TGbe (Joint) | 10/18 | Cha, Dongju | LG ELECTRONICS |
| TGbe (Joint) | 10/18 | Chen, You-Wei | MediaTek Inc. |
| TGbe (Joint) | 10/18 | CHENG, yajun | Xiaomi Communications Co., Ltd. |
| TGbe (Joint) | 10/18 | CHUN, JINYOUNG | LG ELECTRONICS |
| TGbe (Joint) | 10/18 | Chung, Chulho | SAMSUNG |
| TGbe (Joint) | 10/18 | Fan, Shuang | Sanechips Technology Co., Ltd. |
| TGbe (Joint) | 10/18 | Fang, Yonggang | Mediatek |
| TGbe (Joint) | 10/18 | Fischer, Matthew | Broadcom Corporation |
| TGbe (Joint) | 10/18 | GUIGNARD, Romain | Canon Research Centre France |
| TGbe (Joint) | 10/18 | Gupta, Binita | Meta Platforms, Inc. |
| TGbe (Joint) | 10/18 | Handte, Thomas | Sony Corporation |
| TGbe (Joint) | 10/18 | Ho, Duncan | Qualcomm Incorporated |
| TGbe (Joint) | 10/18 | Hsu, Ostrovsky | Xiaomi Communications Co., Ltd. |
| TGbe (Joint) | 10/18 | Huang, Po-Kai | Intel |
| TGbe (Joint) | 10/18 | Kim, Geon Hwan | LG ELECTRONICS |
| TGbe (Joint) | 10/18 | Kim, Youhan | Qualcomm Technologies, Inc. |
| TGbe (Joint) | 10/18 | Klein, Arik | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 10/18 | Li, Weiyi | Spreadtrum Communication USA, Inc |
| TGbe (Joint) | 10/18 | Lim, Dong Guk | LG ELECTRONICS |
| TGbe (Joint) | 10/18 | Lorgeoux, Mikael | Canon Research Centre France |
| TGbe (Joint) | 10/18 | Lou, Hanqing | InterDigital, Inc. |
| TGbe (Joint) | 10/18 | Lu, Liuming | Guangdong OPPO Mobile Telecommunications Corp.,Ltd |
| TGbe (Joint) | 10/18 | Nayak, Peshal | Samsung Research America |
| TGbe (Joint) | 10/18 | Orlando, Christian | IEEE STAFF |
| TGbe (Joint) | 10/18 | Patil, Abhishek | Qualcomm Incorporated |
| TGbe (Joint) | 10/18 | Patwardhan, Gaurav | Hewlett Packard Enterprise |
| TGbe (Joint) | 10/18 | Quan, Yingqiao | Spreadtrum |
| TGbe (Joint) | 10/18 | Ratnam, Vishnu | Samsung Research America |
| TGbe (Joint) | 10/18 | Schelstraete, Sigurd | MaxLinear |
| TGbe (Joint) | 10/18 | SUH, JUNG HOON | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 10/18 | Wang, Qi | Apple, Inc. |
| TGbe (Joint) | 10/18 | Wei, Dong | NXP Semiconductors |
| TGbe (Joint) | 10/18 | Xia, Qing | Sony Corporation |
| TGbe (Joint) | 10/18 | Yano, Kazuto | Advanced Telecommunications Research Institute International (ATR) |
| TGbe (Joint) | 10/18 | Yi, Yongjiang | Spreadtrum Communication USA, Inc |
| TGbe (Joint) | 10/18 | Yoon, Yelin | LG ELECTRONICS |
| TGbe (Joint) | 10/18 | Zhao, Yue | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 10/18 | Zhou, Lei | H3C Technologies Co., Limited |

* Agenda
	+ CID Re-assignments/Status
	+ MDR Review (first hour):
		- [1371r10](https://mentor.ieee.org/802.11/dcn/23/11-23-1371-10-0000-ieee-p802-11be-d4-0-mandatory-draft-review-mdr-report.docx) Edward Au
	+ CR Submissions:
		- [1504r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1504-00-00be-lb-275-cr-for-35-7-part-i.docx) CR for 35.7 Part I Zinan Lin [4C]
		- [1737r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1737-00-00be-lb-275-cr-for-cid-19545-on-ndpa-frame-format.docx) CR for CID 19545 on NDPA frame format Mahmoud Kamel [1C]
		- [1682r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1682-00-00be-lb-275-cr-for-cid-19353.docx) CR for CID 19353 Hanqing Lou [1C]
		- [1739r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1739-00-00be-lb-275-cr-for-cid-19352-on-ndpa-frame-format.docx) CR for CID 19352 on NDPA frame format Mahmoud Kamel[1C]
	+ Discussion: None.
* CID Re-assignments/Status Edward Au

The Editor (Edward) went through the CIDs without a DCN, and reminded the POCs to provide DCNs for some of the CIDs, and assign new POCs for some of the CIDs.

* MDR Review:
	+ [1371r10](https://mentor.ieee.org/802.11/dcn/23/11-23-1371-10-0000-ieee-p802-11be-d4-0-mandatory-draft-review-mdr-report.docx) Edward Au

The Editor (Edward) went through the MDR documents, and asked if there’s any different opinion in the group on the reviewers’ suggestions and the Editor’s opinions.

* **Technical contributions**
	+ [1504r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1504-00-00be-lb-275-cr-for-35-7-part-i.docx) CR for 35.7 Part I Zinan Lin

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1504r0 and incorporate the text changes into the latest TGbe draft?

         19317, 19351, 19530, 19729

Discussion: None.

Result: No objection.

* + [1737r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1737-00-00be-lb-275-cr-for-cid-19545-on-ndpa-frame-format.docx) CR for CID 19545 on NDPA frame format Mahmoud Kamel

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1737r1 and incorporate the text changes into the latest TGbe draft?

         19545

Discussion: None.

Result: No objection.

* + [1682r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1682-00-00be-lb-275-cr-for-cid-19353.docx) CR for CID 19353 Hanqing Lou

C: in note 11, MMPDU does not carry A-MSDU, is there a typo?

A: it’s copied from the baseline.

C: suggest to use the maximum size as reference, then we don’t need to mention A-MSDU.

C: for EHT STAs, they can support more than 7935 bytes on 2.4GHz band, there’s a capability bit

SP not run. Offline work is needed.

* + [1739r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1739-00-00be-lb-275-cr-for-cid-19352-on-ndpa-frame-format.docx) CR for CID 19352 on NDPA frame format Mahmoud Kamel

C: regarding “reserved and set to 0”, we need to check how it is written in 11ax.

C: if removing “reserved”, do the receivers need to check all the bit values are 0? If we keep “reserved”, then the receivers don’t need to do that.

C: Youhan requested to check it offline.

SP not run. Offline work is needed.

* + Agenda Discussion

Qi requsted to add doc. 1760 for discussion.

No objection.

* + 1760r0 Proposed resolutions to LB275 a few CIDs on EMLSR Qi Wang

C: for item f), it is also about parameter update. It seems we also need some change there.

Unfinished document.

* AoB: None
* Adjourned at 12:00

# 6th Conf. Call: October 19 (10:00–12:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1676-07-00be-minutes-tgbe-mac-ad-hoc-september-to-november-conference-calls.docx

# 7th Conf. Call: October 23 (19:00–21:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1676-07-00be-minutes-tgbe-mac-ad-hoc-september-to-november-conference-calls.docx

# 7th Conf. Call: October 23 (19:00–21:00 ET)–PHY

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1848-00-00be-minutes-802-11-be-phy-ad-hoc-october-2023-conference-calls.docx

# 8th Conf. Call: October 25 (10:00–12:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1676-07-00be-minutes-tgbe-mac-ad-hoc-september-to-november-conference-calls.docx

# 9th Conf. Call: November 01 (10:00–12:00 ET)–JOINT

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

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair. **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
* Attendance reminder.
	+ Participation slide: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0180-05-00EC-ieee-802-participation-slide.pptx>
	+ Please record your attendance during the conference call by using the IMAT system:
		- 1) login to [imat](https://imat.ieee.org/attendance), 2) select “802.11 Telecons (<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “<Joint TGbe > 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) and Alfred Asterjadhi (asterjadhi@gmail.com)
	+ Please ensure that the following information is listed correctly when joining the call:
		- "[voter status] First Name Last Name (Affiliation)"
	+ Attendee List:

|  |  |  |  |
| --- | --- | --- | --- |
| Breakout | Timestamp | Name | Affiliation |
| TGbe (Joint) | 11/1 | Adhikari, Shubhodeep | Broadcom Corporation |
| TGbe (Joint) | 11/1 | Ajami, Abdel Karim | Apple Inc. |
| TGbe (Joint) | 11/1 | Au, Kwok Shum | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Baek, SunHee | LG ELECTRONICS |
| TGbe (Joint) | 11/1 | baron, stephane | Canon Research Centre France |
| TGbe (Joint) | 11/1 | Bredewoud, Albert | Broadcom Corporation |
| TGbe (Joint) | 11/1 | Carney, William | Sony Group Corporation |
| TGbe (Joint) | 11/1 | Cha, Dongju | LG ELECTRONICS |
| TGbe (Joint) | 11/1 | Chen, Junbin | TP-Link |
| TGbe (Joint) | 11/1 | Chen, You-Wei | MediaTek Inc. |
| TGbe (Joint) | 11/1 | CHENG, yajun | Xiaomi Communications Co., Ltd. |
| TGbe (Joint) | 11/1 | Choi, Jinsoo | LG ELECTRONICS |
| TGbe (Joint) | 11/1 | Chu, Liwen | NXP Semiconductors |
| TGbe (Joint) | 11/1 | Chung, Chulho | SAMSUNG |
| TGbe (Joint) | 11/1 | Das, Subir | Peraton Labs |
| TGbe (Joint) | 11/1 | Dong, Xiandong | Xiaomi Communications Co., Ltd. |
| TGbe (Joint) | 11/1 | Fang, Juan | Intel |
| TGbe (Joint) | 11/1 | Fang, Yonggang | Mediatek |
| TGbe (Joint) | 11/1 | Fischer, Matthew | Broadcom Corporation |
| TGbe (Joint) | 11/1 | GUIGNARD, Romain | Canon Research Centre France |
| TGbe (Joint) | 11/1 | Haider, Muhammad Kumail | Meta Platforms Inc. |
| TGbe (Joint) | 11/1 | Hart, Brian | Cisco Systems, Inc. |
| TGbe (Joint) | 11/1 | HUANG, CHIHAN | MediaTek Inc. |
| TGbe (Joint) | 11/1 | Huang, Po-Kai | Intel |
| TGbe (Joint) | 11/1 | Kakani, Naveen | Qualcomm Incorporated |
| TGbe (Joint) | 11/1 | Kamel, Mahmoud | InterDigital, Inc. |
| TGbe (Joint) | 11/1 | Khorov, Evgeny | IITP RAS |
| TGbe (Joint) | 11/1 | Kim, Geon Hwan | LG ELECTRONICS |
| TGbe (Joint) | 11/1 | Kim, Jeongki | Ofinno |
| TGbe (Joint) | 11/1 | Kim, Youhan | Qualcomm Technologies, Inc. |
| TGbe (Joint) | 11/1 | Klein, Arik | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Koundourakis, Michail | Samsung Cambridge Solution Centre |
| TGbe (Joint) | 11/1 | Kureev, Aleksey | IITP RAS |
| TGbe (Joint) | 11/1 | Lalam, Massinissa | SAGEMCOM BROADBAND SAS |
| TGbe (Joint) | 11/1 | Lanante, Leonardo | Ofinno |
| TGbe (Joint) | 11/1 | Levitsky, Ilya | IITP RAS |
| TGbe (Joint) | 11/1 | Li, Haozheng | TP-Link |
| TGbe (Joint) | 11/1 | Li, Jialing | Qualcomm Technologies, Inc |
| TGbe (Joint) | 11/1 | Li, Weiyi | Spreadtrum Communication USA, Inc |
| TGbe (Joint) | 11/1 | Li, Xin | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Lim, Dong Guk | LG ELECTRONICS |
| TGbe (Joint) | 11/1 | LIU, CHENCHEN | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Loginov, Vyacheslav | IITP RAS |
| TGbe (Joint) | 11/1 | Lou, Hanqing | InterDigital, Inc. |
| TGbe (Joint) | 11/1 | Lovison, Federico | Cisco Systems, Inc. |
| TGbe (Joint) | 11/1 | Lu, Liuming | Guangdong OPPO Mobile Telecommunications Corp.,Ltd |
| TGbe (Joint) | 11/1 | MELZER, Ezer | Toga Networks, a Huawei company |
| TGbe (Joint) | 11/1 | Montemurro, Michael | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Nezou, Patrice | Canon Research Centre France |
| TGbe (Joint) | 11/1 | Ng, Boon Loong | Samsung Research America |
| TGbe (Joint) | 11/1 | Orlando, Christian | IEEE STAFF |
| TGbe (Joint) | 11/1 | Ouchi, Masatomo | Canon |
| TGbe (Joint) | 11/1 | Palayur, Saju | Maxlinear Inc |
| TGbe (Joint) | 11/1 | Patwardhan, Gaurav | Hewlett Packard Enterprise |
| TGbe (Joint) | 11/1 | Qi, Yue | Samsung Research America |
| TGbe (Joint) | 11/1 | Quan, Yingqiao | Spreadtrum |
| TGbe (Joint) | 11/1 | Ratnam, Vishnu | Samsung Research America |
| TGbe (Joint) | 11/1 | Redlich, Oded | Huawei Technologies Co., Ltd; Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Regev, Dror | Toga Networks (A Huawei Company) |
| TGbe (Joint) | 11/1 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| TGbe (Joint) | 11/1 | Ryu, Kiseon | NXP Semiconductors |
| TGbe (Joint) | 11/1 | Schelstraete, Sigurd | MaxLinear |
| TGbe (Joint) | 11/1 | Sevin, Julien | Canon Research Centre France |
| TGbe (Joint) | 11/1 | Shafin, Rubayet | Samsung Research America |
| TGbe (Joint) | 11/1 | Shilo, Shimi | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Tsodik, Genadiy | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | VIGER, Pascal | Canon Research Centre France |
| TGbe (Joint) | 11/1 | Wei, Dong | NXP Semiconductors |
| TGbe (Joint) | 11/1 | Wullert, John | Peraton Labs |
| TGbe (Joint) | 11/1 | Xia, Qing | Sony Corporation |
| TGbe (Joint) | 11/1 | Xin, Yan | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Yano, Kazuto | Advanced Telecommunications Research Institute International (ATR) |
| TGbe (Joint) | 11/1 | Yee, James | MediaTek Inc. |
| TGbe (Joint) | 11/1 | Yi, Yongjiang | Spreadtrum Communication USA, Inc |
| TGbe (Joint) | 11/1 | Yong, Su Khiong | Apple, Inc. |
| TGbe (Joint) | 11/1 | Yoon, Yelin | LG ELECTRONICS |
| TGbe (Joint) | 11/1 | Yu, Jian | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Zhang, Maolin | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Zhao, Yue | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 11/1 | Zhou, Lei | H3C Technologies Co., Limited |
| TGbe (Joint) | 11/1 | Zuniga, Juan Carlos | Cisco Systems, Inc. |

* Agenda
	+ MDR Review (50’):
		- [1371r11](https://mentor.ieee.org/802.11/dcn/23/11-23-1371-11-0000-ieee-p802-11be-d4-0-mandatory-draft-review-mdr-report.docx) Edward Au
	+ CR Submissions:
		- [1739r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1739-00-00be-lb-275-cr-for-cid-19352-on-ndpa-frame-format.docx) CR for CID 19352 on NDPA frame format Mahmoud Kamel [1C SP]
		- [1682r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1682-01-00be-lb-275-cr-for-cid-19353.docx) CR for CID 19353 Hanqing Lou [1C SP]
	+ Motions (second hour):
		- Motions - [442r27](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-27-00be-tgbe-motions-list-part-4.pptx)
		- SPs for quarantine CIDs with no SP results (best effort)
* Discussion: Edward requested to add the Editor’s report to the agenda.
* MDR Review:
	+ 1371r11 Edward Au

The Editor (Edward) went through the MDR documents, and asked if there’s any different opinion in the group on the reviewers’ suggestions and the Editor’s opinions.

Discussions of which/that:

C: that is more normative, which is more descriptive.

C: the editors are still debating the use of that/which, the guideline is still not stabilized.

* **Technical contributions**
	+ [1739r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1739-00-00be-lb-275-cr-for-cid-19352-on-ndpa-frame-format.docx) CR for CID 19352 on NDPA frame format Mahmoud Kamel

C: remove the “is” in “B1 is set to 1”.

C: add “frequency at the indicated” before “resolution”

C: why do you need to remove the “reserved”, if the STAs can ignore the bits, then we should use “reserved”

C: if we look at the figure, the bits are not reserved, they have meaning, and shall be set to 0.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1739r1 and incorporate the text changes into the latest TGbe draft?

         19352

Discussion: None.

Result: No objection.

* + [1682r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1682-01-00be-lb-275-cr-for-cid-19353.docx) CR for CID 19353 Hanqing Lou

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1682r2 and incorporate the text changes into the latest TGbe draft?

         19353

Discussion: None.

Result: No objection.

* + Motions - [442r27](https://mentor.ieee.org/802.11/dcn/23/11-23-0442-27-00be-tgbe-motions-list-part-4.pptx)

**Motion 629 (MAC)**

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

* 19292 19028 19973 19834 19029 19032 19595 19293 19294 19030 19577 19031 19208 19207 19033 19001 19724 19899 19510 19333 in [11-23/1658r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1658-01-00be-lb275-cr-emlsr-part1.docx) *[20 CIDs]*
* 19669 19867 19784 19717 19718 19719 19720 19722 19723 in [11-23/1660r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1660-01-00be-lb275-cr-mlti.docx) *[9 CIDs]*
* 19749 in [11-23/1607r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1607-01-00be-cr-for-misc-cids-part-2.docx) *&* 19478 in [11-23/1478r8](https://mentor.ieee.org/802.11/dcn/23/11-23-1478-08-00be-channel-usage.docx) *[2 CIDs]*
* 19587, 19588, 19295, 19840, 19842, 19843 in [11-23/1541r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1541-00-00be-lb275-cr-35-3-18.docx) *[6 CIDs]*
* 19359, 19360, 19394, 19576 in [11-23/1671r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1671-00-00be-lb275-srs-control-related-crs.docx) *[4 CIDs]*

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

**Move: Kumail Haider Second: Brian Hart**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 630 (MAC)**

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

* 19833, 19835, 19836, 19837, 19838 in [11-23/1658r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1658-04-00be-lb275-cr-emlsr-part1.docx) *[8 CIDs]*
* 19501, 19095, 19100, 19502, 19221, 19065, 19488, 19504, 19160, 19218, 19220, 19503, 19076, 19048, 19740, 19671, 19397, 19098, 19448 in [11-23/1685r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1685-01-00be-proposed-resolution-for-miscellaneous-lb275-comments-part-2.docx) *[19 CIDs]*
* 19468, 19768, 19769, 19936, 19937, 19938, 19940, 20027, 20029, 20030, 20031, 20034, 20036, 20037 in [11-23/1542r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1542-03-00be-lb275-cr-for-ml-reconfiguration-part-4.docx) *[14 CIDs]*
* 19832 in [11-23/1526r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1526-02-00be-lb275-cr-for-cids-in-clause-9.docx) & 20057 in [11-23/1555r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1555-00-00be-lb275-cr-for-cids-in-35-3-10.docx) *&* 19266, 19422, 19953, 20052, 20077 in [11-23/1400r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1400-01-00be-lb275-cr-for-subclause-35-3-7-5-2-part-2.docx) *[7 CIDs]*
* 19079, 19107, 19108, 19779, 19849 in [11-23/1483r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1483-01-00be-lb275-cr-for-non-ap-mld-operation-parameter-update.docx) 19520 in [11-23/1748r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1748-00-00be-cr-for-cid-19520.docx) *[6 CIDs]*
* 19948, 19653, 19945, 19702, 20044, 19775, 19703, 19704, 19705, 19949, 19950, 20046 in [11-23/1459r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1459-01-00be-lb275-cr-for-35-3-7-2-4-part-2.docx) *[12 CIDs]*

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

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

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 631 (JOINT)**

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

* 19317, 19351, 19530, 19729 in [11-23/1504r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1504-00-00be-lb-275-cr-for-35-7-part-i.docx) *[4 CIDs]*
* 19545 in [11-23/1737r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1737-01-00be-lb-275-cr-for-cid-19545-on-ndpa-frame-format.docx) *[1 CIDs]*

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

**Move: Hanqing Lou Second: Ross J. Yu**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 632 (Withdrawal)**

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

* 19873 *[1 CID]*

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

**Move: Yunbo Li Second: Ray Yang**

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 633 (Quarantine 1)**

**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:**

* 19413 ~~19710~~ 19713 19715 19868 **(Arik)**; ~~19356 19357 19369 19597 19598 20060 20061~~ **(Binita)**; ~~20038~~ **(Laurent)**; ~~19027 19976 19977 19982 19983 19984 20114 20115~~ **(Rubayet)**; 19593 **(Yingqiao);**

**Where <DCN>, <Date> and <SP> are obtained from the rows that correspond to these CIDs in** [**11-23/1373r16**](https://mentor.ieee.org/802.11/dcn/23/11-23-1375-16-00be-ieee-802-11be-lb275-comments.xlsx)

**Move: Edward Au Second: Mike Montemurro**

**Discussion: None.**

**Result: Approved with unanimous consent.**

***Note: These are CRs documents that did not have consensus. There are SP results for each of these CIDs.***

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

**Motion 634 (Post-Q1)**

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

* 19369, ~~19597~~, 19598, 20038, 20009 in [11-23/1468r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1468-04-00be-lb275-cr-for-ttlm-mode-2.docx) *[4 CIDs]*

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

**Move: Binita Gupta Second: Brian Hart**

**Discussion:**

**C:** you mention the mode 2 will avoid the MLTI in the Beacon, how do you do that?

**Preliminary Result: 42Y, 36N, 19A (fails)**

**Result: 42Y, 36N, 19A (fails)**

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

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

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

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

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

 [V] Gaurang Naik, Qualcomm Technologies, Inc. | X | | |

 [V] Vyacheslav Loginov, IITP RAS | | | X |

 V | Steve Rodriguez | Cisco | X | | |

 [V] Yongho Seok, Apple | | X | |

 [V] Masatomo OUCHI, Canon | | | X |

 [V] Insun Jang LGE | X | | |

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

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

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

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

 [V] Eunsung Park LGE | X | | |

 [V] Jinsoo Choi LG | X | | |

 [V] Sanghyun Kim WILUS Inc. | X | | |

 [V] Insik Jung, LG Electronics | X | | |

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

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

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

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

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

 Yonggang Fang | X | | |

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

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

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

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

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

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

 [V] Abhishek Patil Qualcomm | X | | |

 Jon Rosdahl IEEE 802 Executive Secretary | | X | |

 Brian Hart | X | | |

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

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

 Qi Wang | | | X |

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

 Matthew Fischer Broadcom | X | | |

 [V] Kiseon Ryu NXP | | X | |

 [V] You-Wei Chen, MediaTek | X | | |

 Jarkko Kneckt | X | | |

 Yong Liu | X | | |

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

 [V] Chitto Ghosh | | X | |

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

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

 SK Yong | | X | |

 [Mediatek] Gabor Bajko | X | | |

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

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

 [V] Sang Kim LGE | X | | |

 [Samsung]Ravi Gidvani | X | | |

 Reza Hedayat | | X | |

 Sid Thakur | | X | |

 [V] Mengshi Hu Huawei | | X | |

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

 Yunbo Li Huawei | | X | |

 [V] Steven Qi Wang Huawei | | X | |

 [V] Liuming Lu OPPO | X | | |

 [V] Chenchen Liu Huawei | | X | |

 [V] Xiaoman Shen Huawei | | X | |

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

 [V]XIANDONG DONG-XIAOMI | | | X |

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

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

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

 [V]Phoebe shumin Cheng, mediatek | X | | |

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

 [V]Lan Peng Huawei | | X | |

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

 [V] Dibakar, Intel | | X | |

 [V] Hanqing Lou InterDigital | X | | |

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

 [V] Subir Peraton Labs | | X | |

 [V] Ray Yang, InterDigital | | | X |

 [V] Yan Xin, Huawei | | X | |

 Edward Au, Huawei | | | X |

 [V] Jeongki Kim Ofinno | | | X |

 [V] Tuncer Baykas, Ofinno | X | | |

 [V] Juan Carlos Zuniga, Cisco | X | | |

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

 [V] Stephane Baron Canon | | | X |

 [V] Ming Gan Huawei | | X | |

 [V] Michail Koundourakis, Samsung | X | | |

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

 [V] Romain Guignard Canon | | | X |

 [V] Arik Klein Huawei | | X | |

 Genadiy Tsodik Huawei | | X | |

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

 [V] Ezer Melzer, Huawei | | X | |

 [V] Mikaël Lorgeoux Canon | | | X |

 [V] Julien SEVIN Canon | | | X |

 [V] Yuki FUJIMORI Canon | | | X |

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

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

 [V] Mike Montemurro Huawei | | | X |

**Motion 635 (Post-Q1)**

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

* 19597 in [11-23/1468r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1468-04-00be-lb275-cr-for-ttlm-mode-2.docx) *[1 CIDs]*

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

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

**Discussion: None.**

**Result: Approved with unanimous consent.**

**Motion 636 (Post-Q1)**

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

* 19356, 19357, 20060, ~~20061~~ in [11-23/1540r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1540-03-00be-lb275-cr-for-scs-tclas-counter-proposal.docx) *[3 CIDs]*

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

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

**Discussion:**

C: the capabilities bit should be in the EHT capabilities element, rather than in the MLE.

**Result:**

**Tabled (no objection to bring back to F2F in Nov).**

**Motion 637 (Post-Q1)**

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

* 19027 19976 19977 19982 19983 19984 20114 20115 in [11-23/1553r6](https://mentor.ieee.org/802.11/dcn/23/11-23-1553-06-00be-lb275-cr-on-twt-and-p2p.docx) *[8 CIDs]*

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

**Move: Rubayet Shafin Second: Peshal Nayak**

**Discussion: Some discussion.**

**Preliminary Result: 28Y (+1, Youhan), 45N, 29A (fails).**

**Result: 29Y, 45N, 29A (fails)**

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

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

 [V] Al Petrick InterDigital | | | X |

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

 [V] Dong Wei, NXP | | | X |

 [V] Albert Bredewoud, Broadcom | | | X |

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

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

 [V] Gaurang Naik, Qualcomm Technologies, Inc. | X | | |

 [V] Vyacheslav Loginov, IITP RAS | | X | |

 V | Steve Rodriguez | Cisco | X | | |

 [V] Masatomo OUCHI, Canon | X | | |

 [V] Dongguk Lim, LGE | | | X |

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

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

 [V] SunHee Baek LGE | | | X |

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

 [V] Eunsung Park LGE | | | X |

 [V] Insik Jung, LG Electronics | | | X |

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

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

 [V] Elliot Jen, Samsung Research America | X | | |

 [V] Jinsoo Choi LG | X | | |

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

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

 Yonggang Fang | | X | |

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

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

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

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

 [V] Abhishek Patil Qualcomm | X | | |

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

 Brian Hart | | X | |

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

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

 Qi Wang | X | | |

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

 Matthew Fischer Broadcom | | | X |

 [V] Kiseon Ryu NXP | | | X |

 [V] You-Wei Chen, MediaTek | | X | |

 Jarkko Kneckt | X | | |

 [V] Juan Fang, Intel | | X | |

 Yong Liu | X | | |

 [V] Srinivas Kandala Samsung | X | | |

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

 [V] Chitto Ghosh | | | X |

 SK Yong | X | | |

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

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

 Mohamed Abouelseoud | | X | |

 [V] Sang Kim LGE | | | X |

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

 Reza Hedayat | | | X |

 Sid Thakur | X | | |

 Chunyu Hu Chunyu Hu | | X | |

 [Mediatek] Gabor Bajko | | X | |

 [V] Mengshi Hu Huawei | | X | |

 Wei Lin Huawei | | X | |

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

 Yunbo Li Huawei | | X | |

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

 [V]Lei Zhou,New H3C | | X | |

 [V] Steven Qi Wang Huawei | | X | |

 [V] Bo Gong Huawei | | X | |

 [V] Guogang Huang Huawei | | X | |

 [V] Xiaoman Shen Huawei | | X | |

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

 [V] Min Yan Huawei | | X | |

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

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

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

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

 [V]Lan Peng Huawei | | X | |

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

 [V] Shubhodeep Adhikari Broadcom | | X | |

 [V] Mahmoud Kamel, InterDigial | | | X |

 [V] Hanqing Lou InterDigital | | X | |

 [V] Subir Peraton Labs | | | X |

 [V] Ray Yang, InterDigital | | | X |

 [V] Yan Xin, Huawei | | X | |

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

 Edward Au, Huawei | | | X |

 [V] Jeongki Kim Ofinno | | | X |

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

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

 [V] Stephane Baron Canon | X | | |

 [V] Michail Koundourakis, Samsung | X | | |

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

 [V] Romain Guignard Canon | X | | |

 [V] Arik Klein Huawei | | | X |

 Genadiy Tsodik Huawei | | X | |

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

 [V] Ezer Melzer, Huawei | | | X |

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

 [V] Mikaël Lorgeoux Canon | X | | |

 [V] Julien SEVIN Canon | X | | |

 [V] Yuki FUJIMORI Canon | X | | |

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

 [V] Aleksey Kureev, IITP RAS | | X | |

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

 [V] Shimi Shilo Huawei | | X | |

 Dror Regev | | | X |

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

**Motion 638 (Back-Up Quarantine 1)**

**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:.**

**Result:**

**Ran Out of Time.**

* AoB: None
* Adjourned at 12:00

# 10th Conf. Call: November 02 (10:00–12:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1676-08-00be-minutes-tgbe-mac-ad-hoc-september-to-november-conference-calls.docx

# TGbe MAC 2023 November Ad-Hoc meeting

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-2046-00-00be-minutes-for-tgbe-mac-2023-november-ad-hoc-meeting.docx