IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TGbe July September Teleconference Minutes | | | | |
| Date: 2023-08-23 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Jason Yuchen Guo | Huawei |  |  | guoyuchen@huawei.com |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

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

Revision history:

* Rev0: initial version of the document
* Rev1: add attendee list for the joint meeting on August 23.
* Rev2: add the links for the PHY/MAC ad hoc meetings

Abbreviations:

* C: Comment.
* A: Answer.

# 1st Conf. Call: August 23 (10:00–12:00 ET)–JOINT

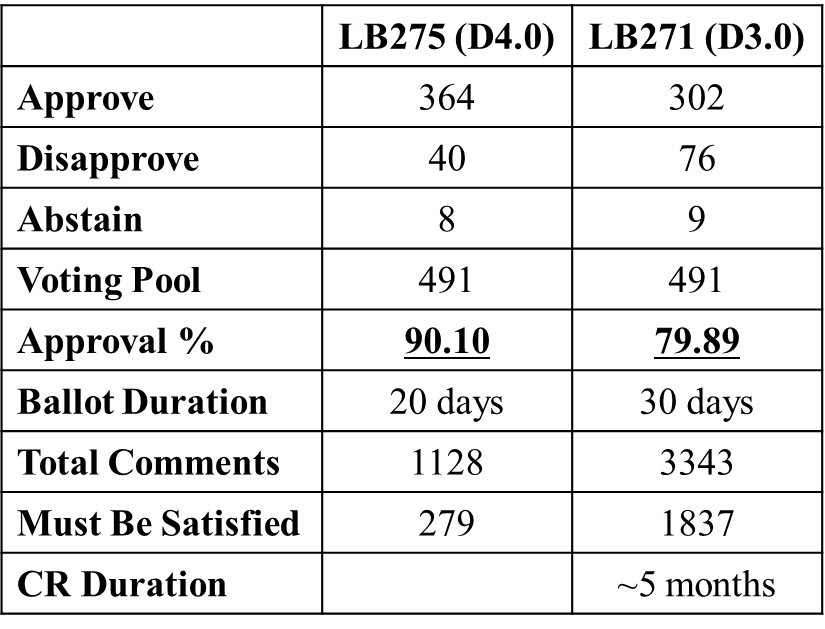
* The Chair, Alfred Asterjadhi (Qualcomm), calls the meeting to order
* Jason Yuchen Guo (Huawei) is serving as the Secretary
* IEEE 802 and 802.11 IPR policy and procedure
  + **Patent Policy: Ways to inform IEEE:**
    - Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto:patcom@ieee.org)); 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
* 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](mailto:guoyuchen@huawei.com)) and Alfred Asterjadhi ([asterjadhi@gmail.com](mailto: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) | 8/23 | Ajami, Abdel Karim | Qualcomm Technologies, Inc |
| TGbe (Joint) | 8/23 | Au, Kwok Shum | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 8/23 | Baek, SunHee | LG ELECTRONICS |
| TGbe (Joint) | 8/23 | Bahn, Christy | IEEE STAFF |
| TGbe (Joint) | 8/23 | Cha, Dongju | LG ELECTRONICS |
| TGbe (Joint) | 8/23 | Chen, You-Wei | MediaTek Inc. |
| TGbe (Joint) | 8/23 | Chu, Liwen | NXP Semiconductors |
| TGbe (Joint) | 8/23 | CHUN, JINYOUNG | LG ELECTRONICS |
| TGbe (Joint) | 8/23 | Cui, Yaoshen | TP-Link Corporation Limited |
| TGbe (Joint) | 8/23 | Das, Subir | Peraton Labs |
| TGbe (Joint) | 8/23 | Dong, Xiandong | Xiaomi Communications Co., Ltd. |
| TGbe (Joint) | 8/23 | Erkucuk, Serhat | Ofinno |
| TGbe (Joint) | 8/23 | Fang, Yonggang | Mediatek |
| TGbe (Joint) | 8/23 | Fujimori, Yuki | Canon Research Centre France |
| TGbe (Joint) | 8/23 | Gu, Xiangxin | Spreadtrum Communications (Shanghai) Co., Ltd. |
| TGbe (Joint) | 8/23 | GUIGNARD, Romain | Canon Research Centre France |
| TGbe (Joint) | 8/23 | Guo, Yuchen | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 8/23 | Gupta, Binita | Meta Platforms, Inc. |
| TGbe (Joint) | 8/23 | Ho, Duncan | Qualcomm Incorporated |
| TGbe (Joint) | 8/23 | Huang, Po-Kai | Intel |
| TGbe (Joint) | 8/23 | Jang, Insun | LG ELECTRONICS |
| TGbe (Joint) | 8/23 | Kakani, Naveen | Qualcomm Incorporated |
| TGbe (Joint) | 8/23 | Kim, Geon Hwan | LG ELECTRONICS |
| TGbe (Joint) | 8/23 | Kim, Jeongki | Ofinno |
| TGbe (Joint) | 8/23 | Kim, Sang Gook | LG ELECTRONICS |
| TGbe (Joint) | 8/23 | Kim, Sanghyun | WILUS Inc |
| TGbe (Joint) | 8/23 | Kim, Youhan | Qualcomm Technologies, Inc. |
| TGbe (Joint) | 8/23 | Klein, Arik | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 8/23 | Lanante, Leonardo | Ofinno |
| TGbe (Joint) | 8/23 | Li, Weiyi | Spreadtrum Communication USA, Inc |
| TGbe (Joint) | 8/23 | Li, Yapu | Guangdong OPPO Mobile Telecommunications Corp.,Ltd |
| TGbe (Joint) | 8/23 | Lim, Dong Guk | LG ELECTRONICS |
| TGbe (Joint) | 8/23 | McCann, Stephen | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 8/23 | Ouchi, Masatomo | Canon |
| TGbe (Joint) | 8/23 | Patil, Abhishek | Qualcomm Incorporated |
| TGbe (Joint) | 8/23 | Patwardhan, Gaurav | Hewlett Packard Enterprise |
| TGbe (Joint) | 8/23 | Petrick, Albert | InterDigital, Inc. |
| TGbe (Joint) | 8/23 | Quan, Yingqiao | Spreadtrum |
| TGbe (Joint) | 8/23 | Ryu, Kiseon | NXP Semiconductors |
| TGbe (Joint) | 8/23 | Schelstraete, Sigurd | MaxLinear |
| TGbe (Joint) | 8/23 | Sun, Yanjun | Qualcomm Incorporated |
| TGbe (Joint) | 8/23 | Tian, Bin | Qualcomm Incorporated |
| TGbe (Joint) | 8/23 | Wang, Qi | Apple, Inc. |
| TGbe (Joint) | 8/23 | Yano, Kazuto | Advanced Telecommunications Research Institute International (ATR) |
| TGbe (Joint) | 8/23 | Yee, James | MediaTek Inc. |
| TGbe (Joint) | 8/23 | Yi, Yongjiang | Spreadtrum Communication USA, Inc |
| TGbe (Joint) | 8/23 | Yoon, Yelin | LG ELECTRONICS |
| TGbe (Joint) | 8/23 | Zhao, Yue | Huawei Technologies Co., Ltd |
| TGbe (Joint) | 8/23 | Zhou, Pei | TCL |

* Announcements:
  + LB275 closed on August 13th, 2023 with an approval rate of ~90%.
* LB275 Results, Plan and (updated) CR Guidelines:



* + Updated CR Guidelines: [23/984r16](https://mentor.ieee.org/802.11/dcn/20/11-20-0984-16-00be-tgbe-teleconference-guidelines.docx)
* [1376r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1376-02-00be-tgbe-editor-s-report-on-lb275.ppt) Editor’s Report on LB275 Edward Au
* Agenda
  + CR Submissions:
    - [1383r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1383-00-00be-cr-for-some-subclauses-in-4-10-and-11.docx) CR for some subclauses in 4, 10, and 11 Po-Kai Huang [17C]
    - [1385r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1385-00-00be-cr-for-35-3-14.docx) CR for 35.3.14 Po-Kai Huang [11C]
    - [1409r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1409-00-00be-lb275-cr-for-trigger-frame.docx) CR for Trigger frame Yanjun Sun [7C]
    - [1406r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1406-00-00be-lb275-resolution-for-comments-assigned-to-abhi-part-6.docx) Resolution for comments assigned to Abhi - Part 6 Abhishek Patil [10C]
    - [1405r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1405-00-00be-lb275-resolution-for-comments-assigned-to-abhi-part-5.docx) Resolution for comments assigned to Abhi - Part 5 Abhishek Patil [10C]
    - [1404r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1404-00-00be-lb275-resolution-for-comments-assigned-to-abhi-part-4.docx) Resolution for comments assigned to Abhi - Part 4 Abhishek Patil [10C]
  + Discussions
    - None
  + Agenda approved with unanimous consent
* **Technical contributions**
  + [1383r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1383-00-00be-cr-for-some-subclauses-in-4-10-and-11.docx) CR for some subclauses in 4, 10, and 11 Po-Kai Huang

C: I’ve made a search and find there are still some occurences of “non-AP STA affiliated with a non-AP MLD”.

C: the document number is missing in the heading of this document.

C: missing “e” in “subelement”, duplicate of “non-”

C: we should use the IEEE document template.

C: Rubayet requested to defer CID 19593 for further discussion

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1383r1 and incorporate the text changes into the latest TGbe draft?

         ~~19589~~, 19066, 19489, 19499, 19130, 19063, 19224, 19062, 19003, 19052, 19054, 19050, 19053, ~~19593~~, 19229, 19514, 19515

Discussion: None.

Result: No objection.

* + [1385r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1385-00-00be-cr-for-35-3-14.docx) CR for 35.3.14 Po-Kai Huang

C: CID 19640, the proposed resolution has a typo. You can change “Accept” to “Revised”. Same for CID 19644.

C: CID 19064, Link ID Bitmap and Aligned TWT Bitmap always appear at the same time. The presenter rejected this CID after checking with Ming.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1385r1 and incorporate the text changes into the latest TGbe draft?

         19064, 19284, 19640, 19641, 19642, 19643, 19644, 19285, 19286, 19287, 19857

Discussion: None.

Result: No objection.

* + [1409r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1409-00-00be-lb275-cr-for-trigger-frame.docx) CR for Trigger frame Yanjun Sun

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1409r0 and incorporate the text changes into the latest TGbe draft?

         19000,19469,19646,19647,19467,19648,19162

Discussion: None.

Result: No objection.

* + [1406r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1406-00-00be-lb275-resolution-for-comments-assigned-to-abhi-part-6.docx) Resolution for comments assigned to Abhi - Part 6 Abhishek Patil

Discussion: None.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/xxxxr0 and incorporate the text changes into the latest TGbe draft?

        19070 19811 19812 19813 19814 19815 19816 19601 19602 19806

Discussion: None.

Result: No objection.

* + [1405r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1405-00-00be-lb275-resolution-for-comments-assigned-to-abhi-part-5.docx) Resolution for comments assigned to Abhi - Part 5 Abhishek Patil

C: 19792, Qi requested to defer it for offline discussion.

C: 19802, Po-Kai asked to defer it for further check.

C: Ming asked to defer 19794

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1405r0 and incorporate the text changes into the latest TGbe draft?

        19780 19275 19789 19297 19793 19298 19205

Discussion: None.

Result: No objection.

* + [1404r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1404-00-00be-lb275-resolution-for-comments-assigned-to-abhi-part-4.docx) Resolution for comments assigned to Abhi - Part 4 Abhishek Patil

C: CID 19762, suggest to put the revised text in the main body of this document, rather than in the table. The reason is that the scratch out part will disappear in the comment spreadsheet.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1404r1 and incorporate the text changes into the latest TGbe draft?

        19102 19202 19204 19760 19915 19762 19763 19764 20068 19242

Discussion: None.

Result: No objection.

* AoB: None
* Adjourned at 12:00

# 2nd Conf. Call: August 24 (10:00–12:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1431-05-00be-minutes-for-tgbe-mac-ad-hoc-teleconferences-in-august-to-september-2023.docx

# 3rd Conf. Call: August 28 (19:00–21:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1431-05-00be-minutes-for-tgbe-mac-ad-hoc-teleconferences-in-august-to-september-2023.docx

# 3rd Conf. Call: August 28 (19:00–21:00 ET)–PHY

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1493-00-00be-minutes-tgbe-phy-ad-hoc-march-to-may-conference-calls.docx

# 4th Conf. Call: August 30 (10:00–12:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1431-05-00be-minutes-for-tgbe-mac-ad-hoc-teleconferences-in-august-to-september-2023.docx

# 5th Conf. Call: September 06 (10:00–12:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1431-05-00be-minutes-for-tgbe-mac-ad-hoc-teleconferences-in-august-to-september-2023.docx

# 6th Conf. Call: September 07 (10:00–12:00 ET)–MAC

Please refer to the following link for the minutes

* https://mentor.ieee.org/802.11/dcn/23/11-23-1431-05-00be-minutes-for-tgbe-mac-ad-hoc-teleconferences-in-august-to-september-2023.docx