IEEE P802.11  
Wireless LANs

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| Minutes for TGbe MAC Ad-Hoc teleconferences in July to September 2022 | | | | |
| Date: 2022-07-28 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the meeting minutes for the TGbe MAC ad hoc teleconferences in July to September 2022.

Revisions:

* Rev0: Added the minute from the teleconferences held on July 28.
* Rev1: Added the minute from the teleconferences held on August 1, 2022.

**July 28, 2022, 10:00 – 12:00 ET (TGbe MAC ad hoc conference call)**

Chairman: Liwen Chu (NXP)

Secretary: Jeongki Kim (Ofinno)

This meeting took place using a webex session.

**Introduction**

1. The Chair (Liwen, NXP) calls the meeting to order at 10:02 ET. The Chair introduces himself and the Secretary (Jeongki Kim, Ofinno).
2. The Chair goes through the 802 and 802.11 IPR policy and procedures and asks if there is anyone that is aware of any potentially essential patents.
   1. Nobody responds.
3. The Chair goes through the IEEE copyright policy.
4. The Chair recommends using IMAT for recording the attendance.
   * 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 “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 Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com))
5. The Chair asked whether there is comment about agenda in 11-22/1161r3. Some modifications. The agenda was approved.

**Recorded attendance through Imat and e-mail:**

|  |  |  |
| --- | --- | --- |
| Timestamp | Name | Affiliation |
| 7/28 | Ajami, Abdel Karim | Qualcomm Incorporated |
| 7/28 | Asterjadhi, Alfred | Qualcomm Incorporated |
| 7/28 | Baek, SunHee | LG ELECTRONICS |
| 7/28 | Bredewoud, Albert | Broadcom Corporation |
| 7/28 | Chemrov, Kirill | IITP RAS |
| 7/28 | CHENG, yajun | Xiaomi Communications Co., Ltd. |
| 7/28 | Dong, Xiandong | Xiaomi Inc. |
| 7/28 | Erkucuk, Serhat | Ofinno |
| 7/28 | Fan, Shuang | ZTE Corporation |
| 7/28 | Fang, Yonggang | Mediatek |
| 7/28 | Fischer, Matthew | Broadcom Corporation |
| 7/28 | Fujimori, Yuki | Canon Research Centre France |
| 7/28 | GUIGNARD, Romain | Canon Research Centre France |
| 7/28 | Haider, Muhammad Kumail | Facebook |
| 7/28 | Handte, Thomas | Sony Corporation |
| 7/28 | Ho, Duncan | Qualcomm Incorporated |
| 7/28 | Hsu, Ostrovsky | Xiaomi Inc. |
| 7/28 | Huang, Po-Kai | Intel Corporation |
| 7/28 | Huq, Kazi Mohammed Saidul | Ofinno |
| 7/28 | kamath, Manoj | Broadcom Corporation |
| 7/28 | Kandala, Srinivas | SAMSUNG |
| 7/28 | Kim, Sanghyun | WILUS Inc |
| 7/28 | Kim, Yongho | Korea National University of Transportation |
| 7/28 | Kim, Youhan | Qualcomm Incorporated |
| 7/28 | Kishida, Akira | Nippon Telegraph and Telephone Corporation (NTT) |
| 7/28 | Klein, Arik | Huawei Technologies Co., Ltd |
| 7/28 | Ko, Geonjung | WILUS Inc. |
| 7/28 | Levy, Joseph | InterDigital, Inc. |
| 7/28 | Li, Yunbo | Huawei Technologies Co., Ltd |
| 7/28 | Lou, Hanqing | InterDigital, Inc. |
| 7/28 | Lu, kaiying | MediaTek Inc. |
| 7/28 | McCann, Stephen | Huawei Technologies Co., Ltd |
| 7/28 | Moon, Juseong | Korea National University of Transportation |
| 7/28 | Naik, Gaurang | Qualcomm Incorporated |
| 7/28 | Nayak, Peshal | Samsung Research America |
| 7/28 | Ng, Boon Loong | Samsung Research America |
| 7/28 | Ouchi, Masatomo | Canon |
| 7/28 | Ozbakis, Basak | VESTEL |
| 7/28 | Park, Sungjin | Senscomm |
| 7/28 | Patil, Abhishek | Qualcomm Incorporated |
| 7/28 | Patwardhan, Gaurav | Hewlett Packard Enterprise |
| 7/28 | Pushkarna, Rajat | Panasonic Asia Pacific Pte Ltd. |
| 7/28 | Quan, Yingqiao | Unisoc |
| 7/28 | Rosdahl, Jon | Qualcomm Technologies, Inc. |
| 7/28 | Ryu, Kiseon | NXP Semiconductors |
| 7/28 | Sato, Takuhiro | SHARP CORPORATION |
| 7/28 | Shafin, Rubayet | Samsung Research America |
| 7/28 | Sosack, Robert | Molex Incorporated |
| 7/28 | Sun, Bo | ZTE Corporation |
| 7/28 | Wang, Chao Chun | MediaTek Inc. |
| 7/28 | Wentink, Menzo | Qualcomm Incorporated |
| 7/28 | Wullert, John | Peraton Labs |
| 7/28 | Yano, Kazuto | Advanced Telecommunications Research Institute International (ATR) |
| 7/28 | Yi, Yongjiang | Spreadtrum Communication USA, Inc |
| 7/28 | Zhang, Jiayi | Ofinno |
| 7/28 | Zhou, Pei | Guangdong OPPO Mobile Telecommunications Corp.,Ltd |

**Submissions**

1. [1054r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1054-00-00be-cr-for-35-3-5-1-part-i.docx) CR for 35.3.5.1 Part I Po-Kai Huang [46C]

Discussion:

Discussion on association request frame related text. You can remove the otherwise there. OK(r2)

Discussion on both association request and response part. Why do you updated?

Discussion on CID 11562. 11562 and 12995 were deferred

Discussion 10626

you need to also add usage of this new code in the Association Response subclause

and current spec says that even reject a link, the capability and operation parameter shall be include in the user info field. but when link doesn't exist

you can not do that anymore

After discussion, 10626 is deferred.

Discussion on 14021. You may remove the sentence.

11420 is deferred. 11181 is deferred. 14201 and 11735 are deferred.

SP: Do you support to accept the resolution in 11-22/1054r2 for the following CIDs?

10002, 10414, 11418, 13270, 10018, 11731, 13268, 13324, 13507, 11561,

13786, 13983, 10084, 10106, 10232, 11417, 11563, 10314, 10315, 14022,

11737, 10316, 12616, 11419, 14061, 13269, 11733, 13271, 11732, 10485,

10728, ~~11420~~, 11734, 11947, 13897, 13898, 13896, ~~11562, 12995~~, 13520,

~~11181, 14021, 11735~~, 11180, ~~10626~~, 11178

No objection.

1. [1171r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1171-00-00be-cr-for-misc-cids.docx) CR for misc CIDs Xiaofei WANG [11C]

C: EHT STA can be VHT STA. In that case, the STA follows the VHT rule described in the subclause. Instead of remove whole part, you can elaborate it.

A: I can defer CID 11922.

C: Same concern.

SP: Do you support to accept the resolution in 11-22/1171r0 for the following CIDs?

10211 10992 11528 ~~11922~~ 12077 12611 12612 12613 12974 13530 13711

No objection

1. [1174r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1174-00-00be-cr-for-35-3-5-3.docx) CR for 35.3.5.3 Po-Kai Huang [8C]

There were long discussions on 11188. What is the restriction that you pointed out?

11188 is deferred.

SP is deferred.

The meeting is adjourned at 12:00 ET.

**August 1, 2022, 19:00 – 21:00 ET (TGbe MAC ad hoc conference call)**

Chairman: Liwen Chu (NXP)

Secretary: Jeongki Kim (Ofinno)

This meeting took place using a webex session.

**Introduction**

1. The Chair (Liwen, NXP) calls the meeting to order at 19:02 ET. The Chair introduces himself and the Secretary (Jeongki Kim, Ofinno).
2. The Chair goes through the 802 and 802.11 IPR policy and procedures and asks if there is anyone that is aware of any potentially essential patents.
   1. Nobody responds.
3. The Chair goes through the IEEE copyright policy.
4. The Chair recommends using IMAT for recording the attendance.
   * Please record your attendance during the conference call by using the IMAT system:
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   * If you are unable to record the attendance via [IMAT](https://imat.ieee.org/attendance) then please send an e-mail to Liwen Chu ([liwen.chu@nxp.com](mailto:liwen.chu@nxp.com)) and Jeongki Kim ([jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com))
5. The Chair asked whether there is comment about agenda in 11-22/1161r5. Some modifications. The agenda was approved.

**Recorded attendance through Imat and e-mail:**

**Submissions**

1. [1129r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1129-00-00be-lb266-cr-cl9-emlsr.docx) LB266 CR CL9 EMLSR Minyoung Park [19C 30’]

Disucssion:

C: AP point of view, it will alway carry the bitmap? When does the bitmap size 0?

A: If two modes are 0, it will be zero.

C: Is that A-Control field? Or Action frame?

A: Yes AP operation is not changed.

C: We don’t need to have new style of figure. You can search whether there is similar figure.

C: Reserved field can be present in front of the bitmap.

C: You can change the name in the related text.

A: I will work later.

C: EMLSR mode and EMLMR mode can be merged.

A: how can it be disabled?

C: Why do we need to add these texts in clause 9 duplicately? Normative behaviour should not be in clause 9.

A: Are you asking a general part or specific part? Tgme also has similar texts.

The first part and 10869, 11505 were deferred.

SP: Do you support to accept the resolution in 11-22/1129r1 for the following CIDs?

~~12774, 12775, 13049, 13458, 13747, 10154, 12406, 11381, 12861, 11897~~

~~10869~~, 10153, 12598, ~~11505~~, 12599, 13050, 12959, 11382, 11384

No objection.

1. [1181r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1181-00-00be-lb266-cr-cl35-emlsr-part1.docx) LB266 CR CL35 EMLSR part1 Minyoung Park [32C 45’]

Discussion:

C: If some of TIDs are not TID-to-link mapping, the performance will be degraded.

A: Spec allows what you’re saying.

10037 11649 13077 were deferred

C: for that comment, we should answer a question, what kind of TID to link mapping is good for EMLSR? If we can't find one, then we should disallow TID to link mapping for EMLSR. Otherwise, we could provide answer in the resolutio

10056, 11654, 13079 were deferred.

C: We can add a note of the related 12470. STA affiliated with non-AP MLD that are on disabled links does not need to do CCA or listening on the disabled links.

A: EMSR links sbusets are on enabled links.

Power save related CIDs are deferred.

C: Why do we need this additional power consumption and delay for power saving?

C: non-AP MLD can includes eMLSR link sets and STR link set.

A: This is only for eMLSR. You can have another text for covering the case.

C: Could you explain more why the device cannot set two mode at the same time?

A: We already decided at the early stage of the disucsison.

C: 12853, 12854 were deferred.

SP: Do you support to accept the resolution in 11-22/1181r1 for the following CIDs?

12410, 12733, 12850, 12852, ~~12853, 12854~~, 12855, ~~10037, 11649, 13077~~,

11595, ~~10056~~, 11654, 13079, ~~10057, 13080, 11655, 10052,~~ 11756, 12470,

10508, ~~10038, 10777, 12812~~, 13809, 10102, 11757, ~~13408~~, 13004, 14076,

~~11453~~, 12672

No objection

The meeting is adjourned at 21:00ET