IEEE P802.11
Wireless LANs

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| Minutes of TGbe 2022 Sept Interim MAC |
| Date: 2020-09-16 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu | NXP |  |  |  |
| Jeongki Kim | Ofinno |  |  |  |
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Abstract

This document contains the meeting minutes for the TGbe MAC ad hoc teleconferences held in Sept 2022.

Revisions:

* Rev0:
	+ Adding the minutes of MAC sessions held on Sept 12, 2022.

**Monday, 12 September 2022, 4:30 –6:30PM EDT (TGbe MAC ad hoc conference call)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using a mixed webex session and F2F session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 4:30pm EDT. The Chair introduces himself and the Secretary, Liwen Chu (NXP)
2. The Chair goes through the registration information, the meeting protocol, the attendance reminder, the copyright policy, 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 recommends using IMAT for recording the attendance.
	* Please record your attendance during the conference call by using the IMAT system:
		1. 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) and Jeongki Kim (jeongki.kim.ieee@gmail.com)

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

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1. The Chair reminds that the agenda can be found in 11-22/1246r6. The Chair asks for the comments about the agenda. There are no comments received. The agenda is approved.
* Technical Submissions:
	1. [**1442r4**](https://mentor.ieee.org/802.11/dcn/22/11-22-1442-01-00be-cr-for-clause-35-3-16-6-sync-ppdu-start-time.docx) **CR for Clause 35.3.16.6. Sync PPDU start time Dmitry Akhmetov [25C-13GT 20’]**

Discussion:

C: CID 12409, when there are three NSTR links, the transmission among them should be considered.

A: can do offline discusion

C: CID 12414, when two backoff counters become 0, it is not clear about which one will be used and how to deal with another counter.

A: can do offline discussion.

C:CID 13956. The note is not complete. Further discussion is needed.

C: CID 13956. The note doesn’t add anything.

SP: Do you support to accept the resolution in 11-22/1463r4 for the following CIDs?

10252, 10253, 10254, 10255,10507, 10899, 11250, 11448, 12283, 12387, 12663, 12664, 12665, 12666, 12667, 12880, 12881, 13930, 13931, 13932

No Objection

* 1. [**1472r5**](https://mentor.ieee.org/802.11/dcn/22/11-22-1472-00-00be-lb266-cr-document-for-eht-sta-features-cids.docx) **CR document for EHT STA features CIDs Rajat Pushkarna [12C-5GT 15’]**

Discussion:

C: CID 11823. For non-AP case, support of MLO should be mandatory.

C: the previous comment is not right.

C: the language should be updated since the related MIB variable can be dynamicly changed.

C: 11707, we don’t use cross-link in the draft. The ”optional” is not accurate since the reception is mandatory. Please defer this one.

C: do we have mandatory Beacon protection in subclause 12?

C: the MIB variable mandates it.

SP: Do you support to accept the resolution in 11-22/1472r5 for the following CIDs?

13288, 10268, 10384, 10514, 10515, 11479, 11480, 12218, 12223

No Objection

* 1. [**1539r2**](https://mentor.ieee.org/802.11/dcn/22/11-22-1539-00-00be-lb266-cr-for-subclause-35-3-10.docx) **LB266 CR for subclause 35.3.10 Ming Gan [30C-16GT 30’]**

Discussion:

C: 13473, 13470, the commenter is correct.

A: defer it for offline discussion.

C: 11433, the AP MLD reconfiguration is both BPCC and critical update.

A: will defer it to do offline discussion.

SP: Do you support to accept the resolution in 11-22/1539r2 for the following CIDs?

~~13473~~ 12829 13788 11777 ~~13470~~ 12879 13366 13912 10415 13789 11432 10730 13915 13463 13352 10641 10643 13913 ~~11433~~ ~~12806~~ 11434 10122 13469 13205 13472 10642 11435 11436 13367 13914

No Objection

* 1. [**1424r0**](https://mentor.ieee.org/802.11/dcn/22/11-22-1424-00-00be-lb266-cr-for-a-mpdu-in-eht-ppdu.docx) **CR for A-MPDU in EHT PPDU SunHee Baek [9C 15’]**

No time to finish the document

The chair asks whether there is any other business. No response is received. The meeting is recessed at 6:30pm

**Monday, 12 September 2022, 10:00PM –12:00AM EDT (TGbe MAC ad hoc conference call)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using a mixed webex session and F2F session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 10:00pm EDT. The Chair introduces himself and the Secretary, Liwen Chu (NXP)
2. The Chair goes through the registration information, the meeting protocol, the attendance reminder, the copyright policy, 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 recommends using IMAT for recording the attendance.
	* Please record your attendance during the conference call by using the IMAT system:
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**Recorded attendance through Imat and e-mail:**

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1. The Chair reminds that the agenda can be found in 11-22/1246r7. The Chair asks for the comments about the agenda. 1292 is deferred per the request. The updated agenda is approved.
* Technical Submissions:
	1. [**1189r0**](https://mentor.ieee.org/802.11/dcn/22/11-22-1189-00-00be-cr-for-txs-part-1.docx) **CR for TXS - part 1 Dibakar Das [110C-XGT 90’]**

Discussion:

C: CID 100078, it is not good to give the restriction to STA about how to transmit its frames.

A: will defer it.

C: CID 10079, the text doesn’t cover the STA’s transmission through TXOP sharing.

A: will defer it.

C: CID 13845, this CID includes many text changes. Will review it offline.

A: will defer it.

C: CID 11252, the text doesn’t cover P2P, right? Other related CID (13252) talks about TB PPDU for P2P.

A: The TB transmission in allocated time is not in line with the current text. Will defer 13252.

C: CID 11092, the comment is good. The resolution can be improved.

A: will defer it.

C: CID 13972. Please add only one User Info field after deleting the text per 13972.

A: ok.

C: please defer 13962.

A: ok

C: 11928, 13771, 12985, 13975. contradict with 11-22/1263’s SP.

A: will defer them

SP:

10993 10994 12005 12127 13555 12982 14009 11704 10076 ~~10078~~ ~~10079~~ 10715 ~~13252~~ ~~13845~~ 10214 10407 11089 11090 11925 12983 12373 11252 11532 11533 12498 12882 13683 11534 13878 12062 11091 11092 12761 10094 11093 11926 11119 13961 11094 12477 13204 13336 13972 12755 12760 10408 13770 11766 12895 12500 12501 12495 ~~13962~~ 11927 10779 13253 13337 13881 10780 12762 12763 12984 12614 ~~11928~~ 12063 11767 13338 13339 14057 13974 13317 13318 14056 ~~13771~~ ~~12985 13975~~ 14027 10781 14028 11018 11019 ~~13773~~ 13882 11021 10775 13883 12504 13966 11537 12986 13964 13963 13965 13967 11539 12505 12987 14098 12988 11538 12506 13884 10216 12374 12507 12989 13254 11540 14029 10017 11637 13774 13775

SP deferred

* 1. [**1233r8**](https://mentor.ieee.org/802.11/dcn/22/11-22-1233-07-00be-cr-for-35-3-19-part1.docx) **LB266: cr-for-35-3-19-part1 Kaiying Lu [5C SP 10’]**

C: 10900, the note should be changed to normative text.

A: the behavior is not different from normal channel switch.

C: the note is ok. We don’t change the behavior.

C: the note has some issue, i.e. when the primary link and secondary link don’t do the switch at the same time.

C: that is a bad implementation.

SP: Do you support to accept the resolution in 11-22/1233r8 for the following CID?

10132

No Objection

* 1. [**1051r1**](https://mentor.ieee.org/802.11/dcn/22/11-22-1051-01-00be-lb266-cr-for-twt.docx) **LB266: CR for TWT Rubayet Shafin [6C 20’]**

No time to finish the document

The chair asks whether there is any other business. No response is received. The meeting is recessed at 12:00am

**Tuesday, 13 September 2022, 1:30AM –3:00AM EDT (TGbe MAC ad hoc conference call)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using a mixed webex session and F2F session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 1:35AM EDT. The Chair introduces himself and the Secretary, Liwen Chu (NXP)
2. The Chair goes through the registration information, the meeting protocol, the attendance reminder, the copyright policy, 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 recommends using IMAT for recording the attendance.
	* Please record your attendance during the conference call by using the IMAT system:
		1. 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) and Jeongki Kim (jeongki.kim.ieee@gmail.com)

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

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| Breakout | Timestamp | Name | Affiliation |
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1. The Chair reminds that the agenda can be found in 11-22/1246r8. The Chair asks for the comments about the agenda. No comment is received. The agenda is approved.
* Technical Submissions:
	1. [1471r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1471-01-00be-lb266-cr-for-35-9-4-2.docx) LB266 CR for 35.9.4.2 Chunyu Hu [14C-Q&A 10’]

Discussion:

C: please defer 12404, 12520, 10914.

A: ok.

SP: Do you support to accept the resolution in 11-22/1471r2 for the following CIDs?

~~10732, 10859, 10934~~

10895, 10904, 10932,

10933, 11597, 11619, 12288

~~12404, 12520,~~ 12736, ~~12748, 12749~~

~~10914~~

No Objection

* 1. [**1424r0**](https://mentor.ieee.org/802.11/dcn/22/11-22-1424-00-00be-lb266-cr-for-a-mpdu-in-eht-ppdu.docx) **CR for A-MPDU in EHT PPDU unHee Baek [9C Q&A 10’**]

Discussion:

No.

SP: Do you support to accept the resolution in 11-22/1424r0 for the following CIDs?

10920, 11835, 11836, 11929, 11986, 12071, 12125, 12126, 14103

No Objection

* 1. [**1422r1**](https://mentor.ieee.org/802.11/dcn/22/11-22-1422-00-00be-lb266-resolution-for-comments-related-to-various-aspects-of-mlo.docx) **LB266: Res. for comments related to various aspects of MLO Abhishek Patil [20C 20’**]

Discussion:

C: the CID talks about the TSF Timer. The added note is not related to the TSF timer.

A: the announced offset between APs is within the costant clock drift.

C: the commenter asks for the non-AP MLD behavior.

A: will do offline discussion.

C: CID 10597, the link ID allocation should be implementation issue.

A: the guideline should be provided to have short link bitmap. Can defer this CID.

C: CID 13765, don’t know the offline discussion. Please defer this CID.

A: ok.

SP: Do you support to accept the resolution in 11-22/1424r1 for the following CIDs?

~~12370 11917~~ 13152 13717 10299 11185 ~~10597~~ 13918 ~~10896 12280~~ 13600 ~~13008~~ 13426 13427 14116 13009 12230 13821 ~~13765~~ 12764

No Objection

* 1. [**1043r4**](https://mentor.ieee.org/802.11/dcn/22/11-22-1043-04-00be-lb266-cr-on-more-data-ack.docx) **LB266 CR on More Data Ack Guogang Huang [1C-SP 10’**]

Discussion:

C: the More Data is not enough.

C: the timing is too short.

C: similar comment. The proposal can’t address the requirement of the other STAs.

A: The proposal doen’t contradict with the more Trigger frame to poll the other STAs.

SP deferred

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* 1. [**1280r6**](https://mentor.ieee.org/802.11/dcn/22/11-22-1280-05-00be-lb-266-cr-for-r-twt-related-cids-part1.docx) **CR for R-TWT related CIDs Part1 Kumail Haider [7C-SP-10’**]

Discussion:

C: 10429, the text allows frames of any TID to be transmitted in R-TWT SP.

A: the meaning doesn’t change.

SP: Do you support to accept the resolution in 11-22/1280r6 for the following CIDs?

13740, 13021, 13232, 13107, 13304, 10429, 12400

No Objection

The chair asks whether there is any other business. No response is received. The meeting is recessed at 3:00am