IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Minutes for TGbe MAC Ad-Hoc sessions in November 2022 Plenary | | | | |
| Date: 2022-11-14 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Jeongki Kim | Ofinno |  |  | [jeongki.kim.ieee@gmail.com](mailto:jeongki.kim.ieee@gmail.com) |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document contains the meeting minutes for the TGbe MAC ad hoc sessions in November 2022 Plenary.

Revisions:

* Rev0: Added the minute from the MAC ad hoc held on November 14 AM1 session.
* Rev1: Added the minute from the MAC ad hoc held on November 14 PM2 session.
* Rev2: Added the minute from the MAC ad hoc held on November 15 AM1 session.

**Monday 14 Novemver 2022, AM1 (TGbe MAC ad hoc session)**

Chairman: Liwen Chu (NXP)

Secretary: Jeongki Kim (Ofinno)

This meeting took place using a webex and in Bangkok (in-person).

**Introduction**

1. The Chair (Liwen, NXP) calls the meeting to order at 08:00. The Chair introduces himself and the Secretary.
2. The Chair reminded the members that they need to register for the plenary in order to attend the meeting
3. 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.
4. The Chair goes through the IEEE copyright policy.
5. 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))
6. The Chair asked whether there is comment about agenda in 11-22/1730r2. The agenda was approved.

**Submissions**

1. [1373r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1373-01-00be-lb266-cr-for-cid-11700.docx) CR for CID 11700 Abdel K. Ajami [1C-SP 10’]

The author goes through Option 2 only.

Discussion:

C: Could you explain the benefits of option 2?

A: The idea is not related to TWT subfield itself. Option 2 is there is no addition. We don’t need to define new element for it.

C: What are you changing compared to baseline?

A: STA’s time mismatches the announced time.

C: AP need to calculate two times?

A: This is for simplifying

C: What is the difference with baseline? Could you ok to review another option based on preference?

SP1: Which option as described above (11-22/1373r2) do you support to move forward with the resolution for CID 11700?

* Option 1 (proposed resolution related to adding Extended TWT element)
* Option 2 (proposed resolution related to keeping TWT field in TU resolution)
* Abstain

23 option 1, 41 option 2, 41 abstain

SP2: Do you agree to the resolution in Option 2 for CID 11700 provided in doc 11-21/1373r2 to be included in the latest 11be draft?

11700

33Y, 18N, 39A

1. [1454r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1454-01-00be-lb266-cr-for-cid-10674.docx) LB266 CR for CID 10674 Abdel K. Ajami [1C-SP 10’]

C: What is point or benefits for latency sensitive traffic? After BSRP, STA can transmit BSR.

C: This can be the big item for UHR.

A: This is based on comments. Basically we can see the group opinion.

C: Timestamp in MPDU may be complicated. UHR is better to discuss this topic.

C: Do you want to SP?

A: Based on the guidelines, we can SP and see whether this reach consensus by group.

SP: Do you support to accept the resolution in 11-22/1454r2 for the following CIDs?

10674, 10710, 12711, 13221, 11249, 12768

39Y, 24N, 27A

1. [1505r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1505-00-00be-11be-d2-0-comment-resolution-subclause-35-3-18-part-3.docx) D2.0 CR subclause 35.3.18 part 3 Liwen Chu [13C 20’]

SP: Do you support to accept the resolution in 11-22/1505r2 for the following CIDs?

~~10041, 10089, 13816, 10044~~, ~~10045~~, 11467, 14080, 13817, 11157, 12725,

13647, ~~11163, 13649~~

No objection

1. [1278r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1278-00-00be-lb266-cr-for-cids-10710-12711.docx) LB266 CR for CIDs 10710, 12711 Liangxiao Xin [2C 10’]

No discussion

The teleconference was recessed at 09:56.

**Monday 14 Novemver 2022, PM2 (TGbe MAC ad hoc session)**

Chairman: Liwen Chu (NXP)

Secretary: Jeongki Kim (Ofinno)

This meeting took place using a webex and in Bangkok (in-person).

**Introduction**

1. The Chair (Liwen, NXP) calls the meeting to order at 16:00. The Chair introduces himself and the Secretary.
2. The Chair reminded the members that they need to register for the plenary in order to attend the meeting
3. 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.
4. The Chair goes through the IEEE copyright policy.
5. 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))
6. The Chair asked whether there is comment about agenda in 11-22/1730r4. The agenda was approved.

**Submissions**

1. [1216r2](https://mentor.ieee.org/802.11/dcn/22/11-22-1216-02-00be-lb266-cr-for-latency-report-element.docx) CR for Latency Report Element Frank Hsu [1C-SP 10’]

SP: Do you support to accept the resolution in 11-22/1216r2 for the following CIDs?

10776

16Y, 40N, 34A

1. [1435r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1435-00-00be-cr-for-35-9-2-1-latency-sensitive-traffic-differentiation.docx) CR for 35.9.2.1 Latency sensitive traffic diff. Duncan Ho [26C 30’]

Discussion:

C: 38.2.1, TID indicates the latency sensitive traffic in the bitmap. Is it or, and or either?

C: We had multiple discussions for a long time about this issue. You rejected them.

C: I post the existing text in the baseline. That is same as the proposed text. If you propose the different contents, I’m ok. Otherwise, you need to remove one of them.

C: You have to have the note

C: Your proposed text seems to be tightly coupled with R-TWT SP. Not for general latency sensitive traffic. Then you have to change the subclause name also correspondingly.

SP: Do you support to accept the resolution in 11-22/1435r0 for the following CIDs?

13224, 10681, 10856, 10873, 10891, 10901, 10909, 11161, 11617, 11781, 12275, 12285, 12293, 12396, 12459, 12525, 12708, 12709, 13019, 13104, 13639, 13709, 13828, 13829, 13947, 14072

SP deferred

1. [1835r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1835-00-00be-lb266-cr-for-annex-c.docx) CR for Annex C Yongho Seok

Discussion:

C:For TXS, there are Mode 1 or Mode 2

A: This is just editorial correction about MIB variable true.

C: 10354, you mentioned no change but there is a related text at the end of resolution.

C: Minyoung, you want to defer these four CIDs or remove two paragraphs?

A: removing two is ok.

SP: Do you support to accept the resolution in 11-22/1835r1 for the following CIDs?

10354, 12457, 12467, 13531, 11811, 10101, 11806, 11807, 11808, 12263, 11809, 11810, 11821, 13522

No objection

1. [1848r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1848-00-00be-lb266-cr-misc.docx) CR Misc Minyoung Park

Discussion:

C: In active mode, you do not check DTIM basically. But in EMLSR, you need to check DTIM. If there is one STA in a BSS and it’s active mode, AP can send GA BU at any time. But, if there is EMLSR STA and active mode, AP still need to deliver GA BU after DTIM.

A: Right.

C: It may affect the legacy STA.

A: It’s similar to PS mode STA.

C: If a STA is EMLSR mode, it means that the operation is like PS mode. Can we defer this?

A: Sure, we already had discussions extensively.

Not finished.

Move to the second part (last 30 minutes)

1. [1535r1](https://mentor.ieee.org/802.11/dcn/22/11-22-1535-00-00be-p2p-communication-with-emlsr-peer-in-triggered-txop-sharing-cid-12422.pptx) P2P Comm. with EMLSR Peer in Triggered TXOP Sharing Juseong Moon [1C 10’]

Discussion:

C: On TXOP sharing, P2P communication. If the P2P communication

The teleconference was recessed at 17:48.

**Monday 15 Novemver 2022, AM1 (TGbe MAC ad hoc session)**

Chairman: Liwen Chu (NXP)

Secretary: Jeongki Kim (Ofinno)

This meeting took place using a webex and in Bangkok (in-person).

**Introduction**

1. The Chair (Liwen, NXP) calls the meeting to order at 08:00. The Chair introduces himself and the Secretary.
2. The Chair reminded the members that they need to register for the plenary in order to attend the meeting
3. 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.
4. The Chair goes through the IEEE copyright policy.
5. 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))
6. The Chair asked whether there is comment about agenda in 11-22/1730r4. The agenda was approved.

**Submissions**

1. [1335r5](https://mentor.ieee.org/802.11/dcn/22/11-22-1335-04-00be-cr-for-cids-related-to-group-addressed-frame-reception-in-emlsr-nstr.docx) CR for CIDs related to Group-addressed frame RX in EMLSR/NSTR Vishnu Ratnam [13C-SP 10’]

Discussion:

C: Have you discussed the notification frame?

A: Not yet.

Some discussions on scheduled transmission time.

C: What is the AP operation on the other link if an AP on one link transmits the notification? Not transmit group addressed frame? What is the difference between baseline and this?

A: If the link 3 is group link and STA and AP exchange individual addressed frame on link 1, the STA can transmit in overlapping time with group addressed frame transmission on link 2.

C: You can defer this.

SP: Do you support to accept the resolution in 11-22/1335r5 for the following CIDs?

10434 12813

No objection

1. [1381r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1381-02-00be-lb266-cr-ml-traffic-indication-part1.docx) LB266 CR ML traffic indication part1 Minyoung Park [13C-SP 10’]

Discussion:

C: The text can be modified on 10028. TID-to-link mapping text is missing.

A: That’s not the comment. You can submit the comment.

C: I don’t support this Beacon A frame.

C: This is controversial.

Discussion on 13856.

SP1: Do you support to accept the resolution in 11-22/1381r4 for the following CIDs?

10386, 12158, 10572, 13735, 11121, 13734, 10206, 1396013620, 10426, 12484, 12643, 10876, 12380, 13856,

32Y, 29N, 16A

SP2: Do you support to accept the resolution in 11-22/1381r4 for the following CIDs?

~~13920~~ 10877 13733

No objection

1. [1573r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1573-00-00be-cr-for-cid-10911.docx) CR for CID 10911 Jeongki Kim [1C 10’]

SP: Do you support to accept the resolution in 11-22/1573r0 for the following CID?

10911

No objection

1. [**1537r0**](https://mentor.ieee.org/802.11/dcn/22/11-22-1537-00-00be-text-for-edcaf-selection-issue-on-start-time-sync-access-cid-12414.docx) **Text for EDCAF Selec. Issue on Start Time Sync Access Juseong Moon [1C 10’]**

Presented. SP is deferred after some discussions.

1. [1848r0](https://mentor.ieee.org/802.11/dcn/22/11-22-1848-00-00be-lb266-cr-misc.docx) CR Misc Minyoung Park [32C 25’]

Not finished but 10864 is deferred.

The teleconference was recessed at 09:56.