IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Minutes for TGbe MAC 2023 November Ad-Hoc meeting | | | | |
| Date: 2023-11-09 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu | NXP |  |  |  |
| Jeongki Kim | Ofinno |  |  |  |
|  |  |  |  |  |

Abstract

This document contains the meeting minutes for the TGbe MAC ad hoc meeting in November 2023.

Revisions:

* Rev0:
  + Added the minutes from the telephone conferences held on November 09

**Thursday 09 November 2023, 09:30am PT – 10:30am PT (TGbe MAC ad hoc meeting)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using the F2F and webex session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 09:30am after fixing the audio issue. The Chair introduces himself and the Secretary, Liwen (NXP)
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. 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))

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

1. The Chair reminds that the agenda can be found in 11-23/1863r2. The Chair asks for the comments about the agenda. No response is received. The proposed agenda is approved.

* Technical Submissions:
  1. [1604r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1604-01-00be-lb275-resolution-for-comments-assigned-to-abhi-part-9.docx) Abhi 2C

Discussion:

C: when an AP is removed, the BSS is deleted. After it is added back, the AP will starts a new RSS, right?

A: yes

SP: Do you support to accept the resolution in 11-23/1604r1 for the following CIDs?

19186, 19909

No Objection

* 1. [1408r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1408-00-00be-lb275-resolution-for-comments-assigned-to-abhi-part-8.docx) Abhi 5C

Discussion:

C: this change adds uncertainty.

A: we can fix it through email discussion.

SP: Do you support to accept the resolution in 11-23/1408r1 for the following CIDs?

19630 19781 19329 19330 19782

18Y, 15N, 7A

The author ask to run the following SP

SP: Do you agree to enable dynamic fragmentation at MLD level?

The chair asks whether there is an objection. Several objections are received. The SP is deferred.

* 1. [[1384r](https://mentor.ieee.org/802.11/dcn/23/11-23-1348-05-0amp-amp-sg-meeting-agenda-for-sep-interim-2023.pptx)2](https://mentor.ieee.org/802.11/dcn/23/11-23-1384-02-00be-cr-for-miscellaneous-cids.docx) Po-Kai 3C

Discussion:

C: please revise the reject reason, e.g. non consensus is reached.

A: ok.

C: the TG chair mentions that at this stage we need to show the additional information.

SP: Do you support to accept the resolution in 11-23/1384r2 for the following CIDs?

19408, 19409, 19410

18Y, 10N, 16A

* 1. [1401r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1401-00-00be-lb275-cr-for-subclause-35-3-7-5-3.docx) CR-for-Subclause-35.3.7.5.3 Arik Klein [2C 10’**]**

Discussion:

C:20078. Please defer it.

A: ok

C: 20078.if there is no global TID-to-link mapping, then all non-AP MLDs are in default mode, is it right?

A: right.

C: If a non-AP MLD negotiates a TID-to-Link mapping, then when a new link is enabled, the defualt TID-to-link mapping is not applied to the new added link.

A: the added link will have all TIDs being mapped to.

The chair reminds that the CID is deferred. Persons can do ofline discussion.

SP: Do you support to accept the resolution in 11-23/1401r0 for the following CID?

20054

No Objection

* 1. [1752r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1752-00-00be-lb275-cr-for-cid-19364.docx) CR-for-CID-19364 Arik Klein [1C 10’**]**

Discussion:

C: 19564, U-APSD is per link operation by default.

A: this note clarifies the question raised by the commenter.

C: then the note is enough. The added (underlined) text befroe the ntoe is not needed.

A: the text is already there.

The added note is changed per the comment in the chat window.

SP: Do you support to accept the resolution in 11-23/1752r1 for the following CID?

19364

No Objection

The meeting is recessed at 10:29am

**Thursday 09 November 2023, 10:45am PT– 12:15pm PT (TGbe MAC ad hoc meeting)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using the F2F and webex session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 10:45am after fixing the audio issue. The Chair introduces himself and the Secretary, Liwen (NXP)
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. 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))

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

1. The Chair reminds that the agenda can be found in 11-23/1863r3. The Chair asks for the comments about the agenda. No response is received. The proposed agenda is approved.

* Technical Submissions:
  1. [1443r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1443-00-00be-lb275-11be-d4-0-cids-on-3-1-3-2-4-9-6-5-1-5-1.docx) Duncan 1C

Discussion:

None

SP: Do you support to accept the resolution in 11-23/1443r1 for the following CIDs?

19347

No Objection

* 1. [1603r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1603-01-00be-lb275-cids-for-bandwidth-indication-subelement.docx) Morteza 2C

Discussion:

C: r2 is not on the server.

A: r2 remove the option that people don’t like. I will upload r2 after the SP.

C: this is debated in 11me. Ok with R2.

SP: Do you support to accept the resolution in 11-23/1603r2 for the following CIDs?

19350, 19627

No Objection

* 1. [1703r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1703-00-00be-tgbe-lb275-miscellaneous-comment-resolutions.docx) Miscellaneous Comment Resolutions Mike Montemurro [4C 20’]

Discussion:

None

SP: Do you support to accept the resolution in 11-23/1703r2 for the following CIDs?

19128, 19485, 19485, 19344, 19389

No Objection

* 1. [1817r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1817-00-00be-proposed-comment-resolutions.docx) Proposed-comment-resolutions Stephen McCann [2C]

Discussion:

None

SP: Do you support to accept the resolution in 11-23/1817r0 for the following CIDs?

19034, 19035

No Objection

* 1. [1542r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1542-03-00be-lb275-cr-for-ml-reconfiguration-part-4.docx) Binita 1C

The document is deferred per the request.

* 1. [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) CR-for-Subclause-35.3.7.5.2 - Part 1 Arik Klein [3C]

Discussion:

C: 19710, 19711. BTM can be sent in uncast frame and broadcast frame.

A: two cases exist.

C: there is a way to distinguish the two cases.

C: understand the reason. The related note should be a bullet instaed of a note.

A: ok.

C: you have the text about broadcast and unicast.

A: ok, I will remove the text about broadcast.

C: Can broadcast BTM frame sent to EHT STA?

A: No.

SP: Do you support to accept the resolution in 11-23/1399r5 for the following CIDs?

19710, 19711, 20076

16 Y, 9N, 15A

* 1. [1400r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1400-02-00be-lb275-cr-for-subclause-35-3-7-5-2-part-2.docx) LB275-CR-for-Subclause-35.3.7.5.2 - Part 2 Arik Klein

Discussion:

C: don’t think note is needed.

A: ok.

C: by changing ”should” to ”shall”, the AP has to transmit the required frame. But some STAs may be in power save mode.

A: the refered baseline use ”shall”. It is already there.

SP 1: Which option do you support to incorporate to the draft text in this document 11-23/1400r2 to the next revision of TGbe Draft 4.1, for addressing the CID19164?

Option 1, Option 2, Neither, Abstain

2/12/15/13

SP2: Do you support to accept the resolution in 11-23/1400r2 for the following CID?

20053

SP deferred

The meeting is recessed at 12:17pm

**Thursday 09 November 2023, 01:30pm PT– 03:30 pm PT (TGbe MAC ad hoc meeting)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using the F2F and webex session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 01:30pm after fixing the audio issue. The Chair introduces himself and the Secretary, Liwen (NXP)
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. 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))

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

1. The Chair reminds that the agenda can be found in 11-23/1863r4. The Chair asks for the comments about the agenda. 1400 for SP is added per request, 1771 is deferred per the request, ... The updated agenda is approved.

* Technical Submissions:
  1. [1400r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1400-02-00be-lb275-cr-for-subclause-35-3-7-5-2-part-2.docx) LB275-CR-for-Subclause-35.3.7.5.2 - Part 2 Arik Klein [7C]

Discussion:

C: 20053. Why do we need the specific sentence? The other case should be dealed with.

A: the added text tries to address the comment.

C: Please defer the comment.

A: CID deferred

SP: Do you support to accept the resolution in 11-23/1400r2 for the following CIDs?

SP deferred

* 1. [1550r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1550-01-00be-lb275-cr-for-cid-20083.docx) Jeongki 1C

Discussion:

C: it needs more discussion. It should be UHR topic.

C: same comment.

SP: Do you support to accept the resolution in 11-23/1550r1 for the following CID?

20083

5+1Y, 26N, 9A

* 1. [1776r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1776-00-00be-lb275-resolution-for-comments-assigned-to-abhi-part-10.docx) Res. for comments assigned to Abhi - Part 10 Abhishek Patil [5C]

Discussion:

C: 19661, Is the change related to comment?

A: no.

C: RNR can provide the information.

A: no. In 5GHz with co-hosted APs, the 6GHz AP reported in one AP will not be reported in another AP.

C: please defer 19978.

SP: Do you support to accept the resolution in 11-23/1776r0 for the following CIDs?

19616, 19804

No Objection

* 1. [1770r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1770-00-00be-lb275-cr-for-ml-reconfiguration-part-6.docx) CR for ML Reconfiguration part 6 Binita Gupta [6C]

Discussion:

C: shouldn’t the link id being added be 2?

A: link id 2 is already used.

C: we can use less examples.

SP: Do you support to accept the resolution in 11-23/1770r0 for the following CID?

19538

No Objection

* 1. [1779r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1779-00-00be-lb275-cr-on-misc-cids-part-1.docx) CR on Misc. CIDs--Part 1 Rubayet Shafin [5C]

Discussion:

C: the first sentence contradicts with the second sentence.

A: no. Please send me the proposed sentence.

C: it is in the comment.

A :will defer the comment.

SP1: Do you support that the Broadcast TWT ID subfields values for the Aligned broadcast TWT schedule on multiple links can be different?

16Y, 15N, 11A

C: 19997. what is the benifit to send buffer status report?

A: you can save some Trigger frames. Can defer the CID.

SP: Do you support to accept the resolution in 11-23/1779r1 for the following CIDs?

SP deferred

* 1. [1784r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1784-00-00be-lb275-cr-for-misc-cids.docx) LB275 CR on Misc. CIDs Insun Jang 8C

Discussion:

C: 19248. The requested links should be always present.

C: for some requested link that doesn’t exist at the AP MLD side, the Link Info field may not exist.

SP: Do you support to accept the resolution in 11-23/1784r0 for the following CIDs?

19126, 19248, 19331, 19477

SP deferred

The meeting is recessed at 03:30pm

**Thursday 09 November 2023, 04:00pm PT– 06:00 pm PT (TGbe MAC ad hoc meeting)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using the F2F and webex session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 01:30pm after fixing the audio issue. The Chair introduces himself and the Secretary, Liwen (NXP)
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. 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))

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

1. The Chair reminds that the agenda can be found in 11-23/1863r5. The Chair asks for the comments about the agenda. No comment is received. The proposed agenda is approved.

* Technical Submissions:
  1. [1547r6](https://mentor.ieee.org/802.11/dcn/23/11-23-1574-00-00be-lb275-cr-for-cid-19443.docx) Laurent 21C

Presentation deferred

* 1. [1541r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1541-01-00be-lb275-cr-35-3-18.docx) Liwen 5C

Discussion:

C: please defer 19848

A: ok

C: please change the reply to ” The TDLS/P2P setup and coexistence issue for EMLSR/EMLMR was discussed in the past, but the group could not reach a consensus. Please see Doc 11-23/1124r0 for prior discussion on this.”

A: ok

SP: Do you support to accept the resolution in 11-23/1541r2 for the following CIDs?

19979,19728, 19847, 19846,

No Objection

* 1. [1784r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1784-01-00be-lb275-cr-for-misc-cids.docx) LB275 CR on Misc. CIDs Insun Jang [4C SP]

Discussion:

C: there is a bug. Association Response in second paragraph should be Association Request.

A: ok

SP: Do you support to accept the resolution in 11-23/1784r2 for the following CIDs?

19126, 19248, 19331, 19477

No Objection

* 1. [1783r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1783-00-00be-lb275-cr-on-r-twt.docx) CR on R-TWT Rubayet Shafin [7C]

Discussion:

C: this is a bit inconsistant. A R-TWT schedule has multiple memeberswith the different R-TWT TIDs.

A: we can work on TID related text.

C: you know what I will say.

SP: Do you support to accept the resolution in 11-23/1783r1 for the following CIDs?

19998, 20099, 20100, 20101, 20102, 20103, 20104

16Y, 29N, 5A

NOTE: no consesus for these CIDs for motion

* 1. [1780r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1780-00-00be-lb275-cr-on-misc-cids-part-2.docx) CR on Misc. CIDs--Part 2 Yue Qi [7C]

Discussion:

C: 19966. The CID was accepted.

A: no.

C: the reject reason can be improved.

A: will defer it for reject reason change.

C: 19985. Don’t agree with the comment. SCS Request with QoS Characteristics element can do the P2P resourec request.

A: SCS is for long term. Here we propose dynaimc method.

C: this feature is a good one for UHR.

A: disagree with the statement.

SP: Do you support to accept the resolution in 11-23/1780r2 for the following CIDs?

19302, 20107

No Objection

* 1. [1667r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1667-00-00be-crs-for-11be-d4-0-supported-features-cids.docx) cr-for-supported-features-cids Rojan Chitrakar [5C]

Discussion:

C: 20004. The resolution of the related CID adds the simple text.

A: ok. Will resolve the CID by refering to the related CID (19854) and document (1769r4).

SP: Do you support to accept the resolution in 11-23/1667r2 for the following CIDs?

19129, 19645, 19733, 19854, 20004

No Objection

* 1. [1789r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1789-00-00be-lb275-cr-for-twt-operation.docx) CR for TWT operation Ming Gan [7C]

Unfinished document

The meeting is recessed at 06:00pm.

**Friday 10 November 2023, 09:30am PT – 10:30am PT (TGbe MAC ad hoc meeting)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using the F2F and webex session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 09:30am after fixing the audio issue. The Chair introduces himself and the Secretary, Liwen (NXP)
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. 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))

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

1. The Chair reminds that the agenda can be found in 11-23/1863r6. The Chair asks for the comments about the agenda. The request to change the presentation order is accepted. The updated agenda is approved.

* Technical Submissions:
  1. [1658r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1658-04-00be-lb275-cr-emlsr-part1.docx) Minyoung 10C

Discussion:

C: the CIDs were run long time ago. Can you give us the CID list that will be runing? Are you rejecting the CIDs?

A: most are rejected with one revised.

C: 19839. Have some concern about the added text. This is the corner case.

A: ok.

C: 19402. The propsoed text doesn’t consider the case when the non-AP STA returns its medium time to the AP.

A: ok.

The TG chair asks to defer 19658 for saving time since some members ask to change the rejection reason.

SP 1: Do you support to accept the resolution in 11-23/1574r4 for the following CIDs?

19970 19971 19974 19575 19586 19658 20087

32Y, 5N, 8A

Updated SP 1: Do you support to accept the resolution in 11-23/1574r4 for the following CIDs?

19970 19971 19974 19575 19586 ~~19658~~ 19659 20087

32Y, 5N, 8A

No members would like to change their vote

SP 2: Do you support to accept the resolution in 11-23/1574r4 for the following CID?

19839

20Y, 20N, 7A

The chair asks whether there is any objection with rejecting 19389 with the reason as shown in the following note. No response is received.

Note: No objection to reject CID 19838 with reason”no consensus on this CID” basedon the SP result (20Y, 20N, 7A)

SP 3: Do you support to accept the resolution in 11-23/1574r4 for the following CIDs?

19402 19580 19401

6Y, 29N, 11A

The chair asks whether there is any objection with rejecting the CIDs in SP3 with the reason as shown in the following note. No response is received.

Note: No objection to reject CID 19402 19580 19401 with reason”no consensus on this CID” basedon the SP result (6Y, 29N, 11A)

* 1. [1547r7](https://mentor.ieee.org/802.11/dcn/23/11-23-1574-00-00be-lb275-cr-for-cid-19443.docx) Laurent 21C

Discussion:

C: for mode 3, we still have the offline discussion. I prefer offline discussion.

A: for moving forwad, we can run separate SP.

C: for 19423, don’t agree with the reject reason.

After some discussion, the commenter agrees to withdraw the CID.

SP1: Do you support to accept the resolution in 11-23/1547r7 for the following CIDs?

19411 19914 20089 19796 20038

No Objection

SP 2: Do you support to accept the resolution in 11-23/1547r7 for the following CIDs?

19159 19527 19600 19771 19173 19615 19652 19656 19685 20072 20124

25Y, 15N, 5A

The chair asks whether there is any objection with rejecting the CIDs in SP2 with the reason as shown in the following note. No response is received.

Note: No objection to reject CID 19411 19914 20089 19796 20038 with reason”no consensus on this CID” basedon the SP result (25Y, 15N, 5A)

C: 19188, please change might to may.

A: ok.

C: why don’t we put the full profile.

A: the proposed change tris to avoid too big frame.

C: it is better to reject the CID and find the better solution later, e.g. through GAS.

A: ok.

After the discussion, the commenter agrees to withdraw the CID.

C: 19373, some member has some concern with the resolution. Please defer the CID.

The chair mentions that the SP for the CID will be run in this session.

SP 2: Do you support to accept the resolution in 11-23/1547r7 for the following CIDs?

19217, 19373

No Objection

* 1. 1812r0

Discussion:

C: 19850, the reason code can provide useful indication.

A: we have the other mechanism. Don’t think the proposed change is needed.

SP 1: Do you support to accept the resolution in 11-23/1812r0 for the following CID?

19850

29Y, 8N, 8A

SP 2: Do you support to accept the resolution in 11-23/1812r0 for the following CID?

19903

No Objection

* 1. [1658r5](https://mentor.ieee.org/802.11/dcn/23/11-23-1658-04-00be-lb275-cr-emlsr-part1.docx) Minyoung SP only

Discussion:

C: 19658, I prefer the original reject reason. I am not support the propsoed reject reason.

C: prefer the new reject reason.

The author decides to run r4 instead of r5 per the discussion

SP: Do you support to accept the resolution in 11-23/1658r4 for the following CIDs?

19658

29Y, 7N, 7A

* 1. [1753r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1753-00-00be-lb275-cr-mlti-part2.docx) Minyoung 10C

Discussion:

C:

SP: Do you support to accept the resolution in 11-23/1753r0 for the following CIDs?

19852 19785 19755 19786 19787 19788 20122 19206 19212 19721

20Y, 21N, 7A

The chair asks whether there is any objection with rejecting the CIDs in SP with the reason as shown in the following note. No response is received.

Note: No objection to reject CID 19852 19785 19755 19786 19787 19788 20122 19206 19212 19721 with reason”no consensus on this CID” basedon the SP result (20Y, 21N, 7A)

* 1. [1789r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1789-00-00be-lb275-cr-for-twt-operation.docx) CR for TWT operation Ming Gan [7C SP]

Discussion:

C: please defer 19464.

A: ok.

SP: Do you support to accept the resolution in 11-23/1789r0 for the following CIDs?

19161 19453 19860 19956 19963

No Objection

The meeting is recessed at 10:30am

**Friday 10 November 2023, 10:45am PT – 12:15pm PT (TGbe MAC ad hoc meeting)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using the F2F and webex session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 10:45am after fixing the audio issue. The Chair introduces himself and the Secretary, Liwen (NXP)
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. 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))

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

1. The Chair reminds that the agenda can be found in 11-23/1863r7. The Chair asks for the comments about the agenda. The request to change the agenda is not reqeived. The proposed agenda is approved.

* Technical Submissions:
  1. [1655r3](https://mentor.ieee.org/802.11/dcn/23/11-23-1655-03-00be-cr-for-cid-19004-and-19169.docx) Po-Kai 2C

Discussion:

None

SP: Do you support to accept the resolution in 11-23/ for the following CIDs?

19004, 19169

No Objection

* 1. [1760r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1760-00-00be-proposed-resolutions-to-lb275-a-few-cids-on-emlsr.docx) Qi Wang 2C

Discussion:

C: the document is about single-link eMLSR non-AP MLD, right?

A: the document includes two topics.

C: this change clearly says that when seting up EMLSR mode, a single-link EMLSR non-AP MLD is added. Some AP MLD may not support it. If you want to go this way, it is better to add a capability bit.

A: what is the difference between two-link EMLSR non-AP MLD with one link to be disabled and single-link EMLSR non-AP MLD?

C: this is not what is tested.

C: will defer the two CIDs.

SP: Do you support to accept the resolution in 11-23/1760r1 for the following CID?

19521

No Objection

SP: Do you support to accept the resolution in 11-23/1760r1 for the following CIDs?

19522, 19904

38Y, 18N, 8A

* 1. [1769r5](https://mentor.ieee.org/802.11/dcn/23/11-23-1769-05-00be-lb275-cr-for-ml-reconfiguration-part-5.docx) LB275 CR for ML Reconfiguration part 5 Binita Gupta [1C SP]

Per chair’s request, the SP is deferred for more discussion

* 1. [1770r2](https://mentor.ieee.org/802.11/dcn/23/11-23-1770-01-00be-lb275-cr-for-ml-reconfiguration-part-6.docx) CR for ML Reconfiguration part 6 Binita Gupta [1C SP]

Discussion:

None

SP: Do you support to accept the resolution in 11-23/1770r3 for the following CIDs?

19538

No Objection

* 1. [1772r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1772-00-00be-cids-on-txs-and-scs.docx) CIDs on TXS and SCS Dibakar Das [17C]

Discussion:

C: 19404. Don’t understand the text change. Change to ” ...until the allocated time is returned to the TXOPholder..” and delete the if part.

A: ok.

C: 19827, the line number is not correct. The resolution shoulbe revised.

A: ok.

C: 19424, it is better to replace null by not present.

SP: Do you support to accept the resolution in 11-23/1772r2 for the following CIDs?

19072 19074 19073 19236 19339 19568 19730 19404 19405 19460 19406 19340 19313 19424 19906 19827 19902

No Objection

* 1. [1790r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1790-00-00be-lb275-cr-for-remainning-cids.docx) cr-for-remainning CIDs Ming Gan [5C]

No time to finish the document.

The meeting is recessed at 12:15PM

**Friday 10 November 2023, 01:30pm PT – 03:30pm PT (TGbe MAC ad hoc meeting)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using the F2F and webex session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 01:30pm after fixing the audio issue. The Chair introduces himself and the Secretary, Liwen (NXP)
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. 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))

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

1. The Chair reminds that the agenda can be found in 11-23/1863r8. The Chair asks for the comments about the agenda. 1770 (SP only), 1790 are added per request. The updated agenda is approved.

* Technical Submissions:
  1. [1573r4](https://mentor.ieee.org/802.11/dcn/23/11-23-1573-04-00be-lb275-cr-for-35-3-19.docx) Kaiying [2C]

Discussion:

C: please change”can be” to ”is” in note 2.

A: ok.

SP: Do you support to accept the resolution in 11-23/1573r5 for the following CIDs?

20126, 20092

No Objection

* 1. [1801r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1801-00-00be-cr-for-misc-cids-part-6.docx) Gaurang [4C]

Discussion:

C: you can add a note about the TID to link mapping.

SP: Do you support to accept the resolution in 11-23/1801r2 for the following CIDs?

19699, 19700, 19774, 20043

No Objection

* 1. [1753r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1753-00-00be-lb275-cr-mlti-part2.docx) Minyoung SP only

Per minyoiung’s request, the chair asked whether there is any objection to add 19737 19754 to the SP for 1753. No objection is received.

* 1. [1655r5](https://mentor.ieee.org/802.11/dcn/23/11-23-1655-03-00be-cr-for-cid-19004-and-19169.docx) Po-Kai [1C]

Discussion:

None

SP: Do you support to accept the resolution in 11-23/1655r5 for the following CID?

19004, 19169

No Objection

* 1. 1770r3

Discussion:

None

SP: Do you support to accept the resolution in 11-23/1770r3 for the following CIDs?

~~19538,~~ 20066

No Objection

* 1. 1790r1

Discussion:

C: this change is not necessary and increases the delay. This changes the behavior to mandate the Beacon reception on the new channel.

A: will defer it.

SP: Do you support to accept the resolution in 11-23/1790r1 for the following CIDs?

19862 19881

No Objection

* 1. [1788r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1788-00-00be-lb275-cr-for-all-twt-field-in-the-twt-info-frame.docx) CR for All TWT field in the TWT Info Frame Ming Gan [5C]

Discussion:

C: what is missing of TWT Information about the current broadcast TWT?

A: R-TWT is different from broadcast TWT. The current rules only block all broadcast TWT schedules.

SP: Do you support to accept the resolution in 11-23/1788r1 for the following CIDs?

19442 19450 19458 19579 19989

15Y, 28N, 7A

The chair asks whether there is any objection with rejecting the CIDs in SP with the reason as shown in the following note. No response is received.

Note: No objection to reject CID 19442 19450 19458 19579 19989 with reason”no consensus on this CID” basedon the SP result (15Y, 28N, 7A)

* 1. [1795r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1795-00-00be-lb275-cr-for-bqr.docx) cr-for-BQR Yunbo Li [2C]

Discussion:

None

SP: Do you support to accept the resolution in 11-23/1975r0 for the following CIDs?

19342 19343

No Objection

* 1. [1796r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1796-00-00be-lb275-cr-for-35-2-1-2.docx) cr-for-35.2.1.2 Yunbo Li [6C]

Discussion:

C: two topics are discussed where Control Info for P2P is a new feature. Please run the separate SPs

A: ok.

SP1: Do you support to accept the resolution in 11-23/1796r0 for the following CIDs?

19071, 19567, 19608, 19667

No Objection

SP2: Do you support to accept the resolution in 11-23/1796r0 for the following CIDs?

19870, 19872

17Y, 21N, 10A

The chair asks whether there is any objection with rejecting the CIDs in SP2 with the reason as shown in the following note.

Note: No objection to reject CID 19442 19450 19458 19579 19989 with reason”no consensus on this CID” basedon the SP result (15Y, 28N, 7A)

The objection is raised.

* 1. [1797r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1797-00-00be-lb275-cr-for-overlapping-r-twts.docx) cr-for-overlapping R-TWTs Yunbo Li [4C]

Discussion:

C: don’t think agree with the comment and the resolution. The AP can control whether the R-TWT SPs will overlap.

A: I get your point. The R-TWT schedules can’t be totally controlled by the AP.

No time to run the SP

The meeting is recessed at 3:31pm

**Friday 10 November 2023, 04:00pm PT – 06:00pm PT (TGbe MAC ad hoc meeting)**

Chairman: Jeongki Kim (Ofinno)

Secretary: Liwen Chu (NXP)

This meeting took place using the F2F and webex session.

**Introduction**

1. The Chair (Jeongki, Ofinno) calls the meeting to order at 04:00pm after fixing the audio issue. The Chair introduces himself and the Secretary, Liwen (NXP)
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. 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))

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

1. The Chair reminds that the agenda can be found in 11-23/1863r9. The Chair asks for the comments about the agenda. No response is received. The updated agenda is approved.

* Technical Submissions:
  1. [1870r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1870-01-00be-lb275-cr-for-cid-20087.docx) CR for CID 20087 Liuming Lu [1C SP 5’]

Discussion:

C: don’t think the note is necessary. It is non-AP MLD’s behavior.

A: the note give some guide.

C: share your objective. The STA can do whatever it wants to do. You may defer the CID since I am address the similar issue.

A: ok to defer it.

The TG chair asks for running the SP since the CID was deferred several times.

SP: Do you support to accept the resolution in 11-23/1870r1 for the following CIDs?

20087

8Y, 14N, 15A

The chair asks whether there is any objection with rejecting the CIDs in the SP with the reason as shown in the following note.

Note: No objection to reject CID 20087 with reason”no consensus on this CID” basedon the SP result (8Y, 14N, 15A)

The objection is raised. More offline discussion is needed.

* 1. [1872r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1872-00-00be-lb275-cr-for-cid-20089.docx) CR for CID 20089 Liuming Lu [1C SP 5’]

Discussion:

C: we reject the CID this morning.

A: I didn’t attend this morning’s meeting. Please run the SP for the CID.

SP: Do you support to accept the resolution in 11-23/ for the following CIDs?

20089

6Y, 14N, 13A

* 1. 1769r1 Binita Gupta [1C SP 5’]

The document is deferred per the request.

* 1. [1782r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1782-00-00be-lb275-cr-on-tdls-and-p2p.docx) CIDs on TDLS and P2P Rubayet Shafin [10C]

Discussion:

C: 19969. Rejecttion is fine. The rejection reason should be rewriten where the first sentence should be removed.

A: I thought the opinion can be added to the reject reason.

C: then we should run the SP for it.

C: 19992. Same comment as 19969.

C: 19993. Same comment as 19969.

C: question about added note. Is the TDLS links are in the same channel?

A: yes

C: then the new added text during the discussion is not needed.

C: the note is not needed since the note is legacy behavior.

The reject reason for 19969, 19980, 19992, 19993 is changed per the feedback.

SP1: Do you support to accept the resolution in 11-23/1782r1 for the following CIDs?

19965, 19968, 19972, 19981, 19994, 19995

No Objection

SP1: Do you support to accept the resolution in 11-23/1782r1 for the following CIDs?

19969, 19980, 19992, 19993

No Objection

* 1. [1609r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1609-00-00be-cr-for-misc-cids-part-3.docx) CR for misc CIDs - part 3 Gaurang Naik [6C]

Discussion:

C:

SP: Do you support to accept the resolution in 11-23/1609r1 for the following CIDs?

19778, 19889, 20047, 20048, 19574, 19706

No Objection

* 1. [1799r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1799-00-00be-cr-for-misc-cids-part-4.docx) CR for misc CIDs - part 4 Gaurang Naik [2C]

Discussion:

None

SP: Do you support to accept the resolution in 11-23/1799r0 for the following CIDs?

19290, 19594

No Objection

* 1. [1803r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1803-00-00be-lb275-cr-misc.docx) LB275 CR Misc Minyoung Park [6C]

Discussion:

None

SP: Do you support to accept the resolution in 11-23/1803r0 for the following CIDs?

* 1. 1803r0 Minyoung

Discussion:

C: the behavior needs to be added for the all zero case, i.e., when all the bits of the link recommendation bitmap is all zero.

A: if the bitmap is all zero, then no link is recommended.

C: CID 19213, why do you delete the “default” in the first paragraph, and add it in the second paragraph?

A: they are two different cases.

C: when you delete the “default”, there are some misalignment.

A: 19213 deferred.

C: all TIDs mapped to all enabled links is a circular definition since the definition of an enabled link is based on whether there’s any TID mapped to it.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1803r0 and incorporate the text changes into the latest TGbe draft?

·        19127 19473 19475 19584

Discussion: None.

Result: No objection.

**SP:** Do you agree to resolve the following CIDs listed in 11-23/1803r0 and incorporate the text changes into the latest TGbe draft?

·        19851

Discussion: the commenter does not agree with the rejection reason.

Result: 8Y 16N 17A.

The chair asked if there’s objection to reject the CIDs with the reason: there’s no consensus

Rejection is received.

The meeting is adjourned at 06:00pm