IEEE P802.11  
Wireless LANs

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| TGbe January 2022 Teleconference Minutes | | | | |
| Date: 2022-01-20 | | | | |
| Author(s): | | | | |
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| Dennis Sundman | Ericsson |  |  | dennis.sundman@ericsson.com |
|  |  |  |  |  |

Abstract

This document contains the minutes for January 2022 IEEE 802.11 interim TGbe teleconferences.

# Monday, Jan 17, MAC/PHY (19:00-21:00)

* MAC: <https://mentor.ieee.org/802.11/dcn/22/11-22-0121-00-00be-jan-2022-interim-session-tgbe-mac-minutes.docx>
* PHY: <https://mentor.ieee.org/802.11/dcn/22/11-22-0120-00-00be-minutes-802-11-be-phy-ad-hoc-telephone-conferences-jan-2022-interim-meeting.docx>

# Wednesday, Jan 19, Joint (09:00-11:00)

1. The Chair, Alfred Asterjadhi (Qualcomm), calls the meeting to order at 09:01 ET. The Chair notifies that the agenda is in [1971r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1971-02-00be-tgbe-jan-2022-meeting-agenda.pptx).
2. Attendance reminder:

3.1. Please record your attendance during the conference call by using the IMAT system:

Ueo 1) login to imat, 2) select “802.11 Electronic Plenary(<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending.

* 1. If you are unable to record your attendance contact the Chair Alfred Asterjadhi and Secretary Dennis Sundman and we will help you.

1. IEEE-SA Policies and Procedure

Patent Policy:

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. Speak up now and respond to this Call for Potentially Essential Patents. **Nobody speaks/writes up**.

* 1. The chair goes through Other guidelines for IEEE WG meetings, Patent-related information, Participation in IEEE 802 Meetings, and **Copyright**. The Chair encourages the group to carefully read slides 14-15 in [1971r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1971-02-00be-tgbe-jan-2022-meeting-agenda.pptx).
  2. Procedural information. The Chair notifies that each individual has to register to the plenary. The Chair goes through procedures slide 4-5.

1. Announcements:
2. [Guideline](https://mentor.ieee.org/802.11/dcn/20/11-20-0984-11-00be-tgbe-teleconference-guidelines.docx) Update
   1. Some questions and minor discussion.
3. CR Submissions:
   1. [2019r4](https://mentor.ieee.org/802.11/dcn/21/11-21-2019-03-00be-cc36-cr-for-cid-5675-7793.docx) CR for CID 5675 7793 Zinan Lin [SP 2C]

Zinan goes through the resolution. Some online discussion and updates. Zinan will do some offline updates and come back later.

* 1. [2012r1](https://mentor.ieee.org/802.11/dcn/21/11-21-2012-01-00be-cr-for-35-5-3-part1.docx) cr-for-35.5.3\_part1 Jinyoung Chun [SP 15C]

Jinyoung presents the CRs.

SP: Do you agree to resolve the following CIDs listed in 2012r2 and incorporate the text changes into the latest TGbe draft?

* ~~7648~~, 7073, 7926, 5562, 6060, 5563, 7074, 4428, 7076, 4429, 6061, ~~5564~~, 7077, 7078 and 7927

Result: Supported with no objection from the group.

* 1. [2013r3](https://mentor.ieee.org/802.11/dcn/21/11-21-2013-03-00be-cr-for-35-5-3-part2.docx) cr-for-35.5.3\_part2 Jinyoung Chun

Jinyoung goes through the CRs and in particular changes to previous revision.

SP: Do you agree to resolve the following CIDs listed in 2013r4 and incorporate the text changes into the latest TGbe draft?

* 4244, 4245, 7928, 7079

Result: Supported with no objection from the group.

* 1. [2019r5](https://mentor.ieee.org/802.11/dcn/21/11-21-2019-05-00be-cc36-cr-for-cid-5675-7793.docx) CR for CID 5675 7793 Zinan Lin [SP 2C]

SP: Do you agree to resolve the following CIDs listed in [2019r5](https://mentor.ieee.org/802.11/dcn/21/11-21-2019-05-00be-cc36-cr-for-cid-5675-7793.docx) and incorporate the text changes into the latest TGbe draft?

* 5675 and 7793

Result: Supported with no objection from the group.

* 1. [2014r0](https://mentor.ieee.org/802.11/dcn/21/11-21-2014-00-00be-cr-for-35-5-3-part3.docx) cr-for-35.5.3\_part3 Jinyoung Chun [11C]

1. Motions (during 2nd half of meeting): [1982](https://mentor.ieee.org/802.11/dcn/20/11-20-1982-55-00be-tgbe-motions-list-for-teleconferences-part-2.pptx)
   1. Approve TG minutes

Move to approve TGbe minutes of teleconferences listed below:

* + - November Electronic: <https://mentor.ieee.org/802.11/dcn/21/11-21-1888-02-00be-tgbe-nov-2021-meeting-minutes.docx>
    - Teleconferences Nov-Jan.: <https://mentor.ieee.org/802.11/dcn/21/11-21-1952-03-00be-nov-jan-tgbe-teleconference-minutes.docx>

Move: Dennis Sundman Second: Edward Au

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 284

Move to approve resolutions to the CIDs:

* 4630 in [1538r3](https://mentor.ieee.org/802.11/dcn/21/11-21-1538-03-00be-cid-4630.docx) [1 CID]
* 4859, 4860, 5481, 6437, 8121 in [1759r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1759-00-00be-cc36-cr-eht-sig-misc.doc) [5 CIDs]
* 4535, 5462, 5715, 5809, 5810, 6825 in [1763r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1763-00-00be-36-2-3-trigvector-parameters-cr-d1-0.docx) [6 CID]
* 4521, 4523, 4940, 4942, 6462, 6464, 6907, 7095, 7958, 7962, 7964 in [1760r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1760-00-00be-36-1-1-introduction-to-the-eht-phy-cr-on-d1-0.doc) [11 CIDs]
* 7019, 7378 in [1740r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1740-01-00be-cc36-cr-for-cid-7019-and-7378.docx) [2 CIDs]

and incorporate the text changes into the latest TGbe draft.

Move: Bo Gong Second: Bin Tian

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 285 (PHY-2)

Move to approve resolutions to the CIDs:

* 5099, 5100 in [1777r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1777-00-00be-cc36-cr-on-36-3-20.doc) *[2 CIDs]*
* 4983, 6426, 4984, 5405, 5464, 5524, 5811, 6424, 6425, 6427, 6783, 6784, 7143, 7134, 7135, 7136, 7137, 7141, 7746, 8092, 7138, 7139, 7140 in [1600r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1600-02-00be-cr-for-clause-36-3-2-2-subcarriers-and-resource-allocation-for-multiple-rus-part-1.doc) *[23 CIDs]*
* 4624, 7129, 7130 in [1762r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1762-02-00be-d1-0-crs-on-36-2-4-phy-config-vector-parameters.docx) *[3 CIDs]*
* 7104 in [1781r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1781-00-00be-updated-resolution-for-cid-7104.docx)\* *[1 CID]*
* 4550, 4657, 4995, 4996, 5813, 5814, 6822, 6925, 7190, 7191, 7193, 7312, 8100, 8101 in [1893r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1893-01-00be-cc36-crs-on-timing-related-parameters.docx) *[14 CIDs]*

and incorporate the text changes into the latest TGbe draft.

\*This resolution replaces the resolution previously proposed in 11-21/1167r1

Move: Ross Jian Yu Second: Bin Tian

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 286 (PHY-3)

Move to approve resolutions to the CIDs:

* 7237, 7238 in [1912r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1912-01-00be-cr-for-section-36-3-11-12-on-p802-11be-d1-3-part-3.doc) *[2 CIDs]*
* 4558, 4562 in [1903r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1903-01-00be-cids-4558-and-4562.docx) *[2 CIDs]*
* 4868, 4869, 5435, 5436 in [1922r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1922-00-00be-cc36-comment-resolutions-for-4-cids.docx) *[4 CIDs]*
* 4534, 5460, 6781, 6923, 7124, 7989, 7653 in [1947r0](https://mentor.ieee.org/802.11/dcn/21/11-21-1947-00-00be-cc36-cr-for-spatial-reuse-and-beamformed-in-txvector-and-rxvector.docx) *[7 CIDs]*
* 5815, 7658, 7659, 8098 in [1893r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1893-02-00be-cc36-crs-on-timing-related-parameters.docx) *[4 CIDs]*

and incorporate the text changes into the latest TGbe draft.

Move: Edward Au Second: Bin Tian

Discussion:

Result: Approved with unanimous consent.

* 1. Motion 287 (PHY-3)

Move to approve resolutions to the CIDs:

* 4846, 7755, 8140, 4635 in [0001r2](https://mentor.ieee.org/802.11/dcn/22/11-22-0001-02-00be-proposed-resolution-for-tgbe-cc36-comments-on-clause-36.docx) *[4 CIDs]*
* 6904, 6905 in [0003r2](https://mentor.ieee.org/802.11/dcn/22/11-22-0003-02-00be-cc36-crs-on-cca-sensitivity.docx) *[2 CIDs]*
* 7192 in [1893r4](https://mentor.ieee.org/802.11/dcn/21/11-21-1893-04-00be-cc36-crs-on-timing-related-parameters.docx) *[1 CID]*
* 4633, 4649, 4650 in [2021r1](https://mentor.ieee.org/802.11/dcn/21/11-21-2021-01-00be-more-mac-phy-layering-issues.docx) *[3 CIDs]*
* 4993 in [0022r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0022-00-00be-cr-for-cid-4993.docx) *[1 CID]*

and incorporate the text changes into the latest TGbe draft.

Move: Bin Tian Second: Wook Bong Lee

Discussion:

Result: Approved with unanimous consent.

* 1. Motion 288 (MAC-1)

Move to approve resolutions to the CIDs:

* 4048, 5054, 6269, 5053, 4255, 4256, 7407, 5051, 5369, 5979, 6199, 6200, 6263, 6267, 6604, 7669 in [1713r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1713-01-00be-cc36-cr-for-ml-element-usage.docx) *[16 CIDs]*
* 5322 in [1710r5](https://mentor.ieee.org/802.11/dcn/21/11-21-1710-05-00be-cc36-resolution-for-cids-for-9-4-2.docx) *[1 CID]*
* 5180 in [1254r4](https://mentor.ieee.org/802.11/dcn/21/11-21-1254-04-00be-cc36-cr-on-btm.doc) *[1 CID]*
* 7527, 4170, 5616, 4171, 5617, 5854, 5855, 7523, 7092, 7524, 4491, 4492, 4493, 5618 in [1907r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1907-02-00be-cc36-cr-for-nsep-clause-35-11.docx) *[14 CIDs]*
* 4659, 5305, 6587, 6641, 6728, 5917 in [534r13](https://mentor.ieee.org/802.11/dcn/21/11-21-0534-13-00be-cr-ml-reconfiguration.docx) *[6 CIDs]*

and incorporate the text changes into the latest TGbe draft.

Move: Ming Gan Second: Subir Das

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 289 (MAC-2)

Move to approve resolutions to the CIDs:

* 6123, 6128, 6133, 6124, 7588, 7706, 8292, 8293, 5708, 7809, 7810, 8318, 5153, 5237, 5518, 5734, 7558, 8322, 8323, 8324, 8327, 4193 in [1731r4](https://mentor.ieee.org/802.11/dcn/21/11-21-1731-04-00be-cr-for-35-2-1-3-remaining-part1.docx) *[22 CIDs]*
* 6171, 8304, 7591, 5631, 5634, 5635, 6033, 5636, 5637, 5644, 5645, 5646, 5920, 4372, 8305, 8306, 7380, 6034, 6035, 5294, 5295, 5296, 8307, 8309, 7367, 7441, 4352, 4373, 6038, 7385, 5300, 5316, 5345, 6640, 7433, 6585, 7513, 8310, 8311 in [1978r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1978-01-00be-cr-for-11-3.docx) *[39 CIDs]*
* 5244, 5607, 6549, 4825, 7060, 5754, 6730, 5213, 6280, 4051, 5245, 5682, 6577, 4050, 5365, 6282, 8236, 6887, 5683, 5778, 5144, 6281, 6361, 6455, 8237, 8340, 4451, 5749, 5750, 5751, 5752, 5753, 4052, 5077, 4053, 5608, 8341, 5684, 4054, 5685 in [1898r7](https://mentor.ieee.org/802.11/dcn/21/11-21-1898-07-00be-cc36-resolution-to-cids-for-35-3-6-1-1.docx) *[38 CIDs]*
* 4758, 6351, 6343, 6344, 7466, 5222, 6068, 6346 in [287r9](https://mentor.ieee.org/802.11/dcn/21/11-21-0287-09-00be-cc34-cr-emlsr-part2.docx) *[8 CIDs]*
* 4021, 4023, 4024, 4267, 5132, 5134, 5371, 5686, 5687, 6023, 6024, 6364, 6369, 6539, 6558, 6665, 6666, 6668, 6759, 6888, 7707, 8295 in [1894r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1894-01-00be-cr-for-cids-on-tid-to-link-mapping.docx) *[22 CIDs]*

and incorporate the text changes into the latest TGbe draft.

Move: Ming Gan Second: George Cherian

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 290 (MAC-3)

Move to approve resolutions to the CIDs:

* 6497 in slide 2 of [1990r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1990-02-00be-cr-for-par-throughput-verification.pptx) *[1 CID]*
* 6608, 6713, 8308 in [1978r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1978-02-00be-cr-for-11-3.docx) *[3 CIDs]*
* 4812, 5888, 5889. 5890 in [1511r3](https://mentor.ieee.org/802.11/dcn/21/11-21-1511-03-00be-cr-on-mscs-scs-clarifications.docx) *[4 CIDs]*
* 5320, 5681, 7841, 8265, 8266, 8267, 8268, 8269, 8270, 5372, 5895, 6026, 6709, 6760, 8177, 8182, 8298, 8299, 8300 in [1894r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1894-02-00be-cr-for-cids-on-tid-to-link-mapping.docx) [19 CIDs]

and incorporate the text changes into the latest TGbe draft.

Move: Mike Montemurro Second: George Cherian

Discussion: Some problem with the CID numbers in the documents. The document 1900 is changed to 1990 with no objection.

Result: Approved with unanimous consent.

* 1. Motion 291 (Joint-1)

Move to approve resolutions to the CIDs:

* 7880, 5959, 4181, 7909, 5555, 6685, 5556, 7910, 5206, 7791, 4167, 7861, 7862, 4168, 4169, 5111, 7364, 7091 in [1700r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1700-01-00be-cr-puncturing.docx) *[18 CIDs]*
* 4488, 5453, 5803, 5853, 7068, 7069, 7070, 7071, 7674, 7919, 7920, 7922, 7925, 8363 in [1942r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1942-02-00be-cc36-cr-for-14-cids-in-clause-35-5-2.docx) *[14 CIDs]*
* 5499, 5572, 6107, 7348, 7491, 7492, 5653, 5655, 7496, 7498, 7499 in [2038r0](https://mentor.ieee.org/802.11/dcn/21/11-21-2038-00-00be-proposed-resolution-for-tgbe-cc36-comments-on-clause-3.docx) *[11 CIDs]*
* 7072, 7075 in [2013r0](https://mentor.ieee.org/802.11/dcn/21/11-21-2013-00-00be-cr-for-35-5-3-part2.docx) *[2 CIDs]*

and incorporate the text changes into the latest TGbe draft.

Move: Zinan Lin Second: Ray Yang

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 292 (PDT)

Move to approve changes to the TGbe draft as specified in the following documents:

* + - PHY: [1583r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1583-02-00be-proposed-draft-text-additional-changes-to-sounding-fb.docx), [1987r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1987-01-00be-annex-z-example-for-small-rus-mrus.docx)

Move: Ross Jian Yu Second: Mahmoud Kamel

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 293 (MAC-4)

Move to approve resolutions to the CIDs:

* 4305 in [1918r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1918-02-00be-resolution-to-cc36-cid-4305.docx) *[1 CID]*
* 4157, 4434, 6950, 4723 in [1929r4](https://mentor.ieee.org/802.11/dcn/21/11-21-1929-04-00be-cc36-cr-for-some-cids-for-35-7-4-1-rtwt-channel-access.docx) *[4 CIDs]*
* 4160, 4706, 4937, 4939, 5075, 6336, 6545, 6546, 6744, 6969, 8216, 8217 in [1930r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1930-02-00be-cc36-cr-for-some-cids-for-35-7-4-2-rtwt-quiet-interval.docx) *[12 CIDs]*
* 6168, 7530, 5227, 7093, 5630, 7356, 5597, 5598, 6622, 7347, 7528, 5284, 7522 in [1911r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1911-02-00be-cc36-cr-realted-to-nsep-qmf.docx) *[13 CIDs]*

and incorporate the text changes into the latest TGbe draft.

Move: Subir Das Second: Chunyu Hu

Discussion: No discussion

Result: Approved with unanimous consent.

1. CR Submissions:
   1. [2014r0](https://mentor.ieee.org/802.11/dcn/21/11-21-2014-00-00be-cr-for-35-5-3-part3.docx) cr-for-35.5.3\_part3 Jinyoung Chun [11C]

Jinyoung goes through the document. Some discussion, comments and modifications to the resolutions. *– Out of time*

1. Recess at 11:00 ET

# Monday, Jan 24, Joint (09:00-11:00 EST)

1. The Chair, Alfred Asterjadhi (Qualcomm), calls the meeting to order at 09:07 EST. The Chair notifies that the agenda is in [1971r7](https://mentor.ieee.org/802.11/dcn/21/11-21-1971-07-00be-tgbe-jan-2022-meeting-agenda.pptx).
2. Attendance reminder:

3.1. Please record your attendance during the conference call by using the IMAT system:

Ueo 1) login to imat, 2) select “802.11 Electronic Plenary(<Month>)” entry, 3) select “C/LM/WG802.11 Attendance” entry, 4) click “TGbe <MAC/PHY/Joint> conference call that you are attending. Only registered attendees are allowed to participate.

* 1. If you are unable to record your attendance contact the Chair Alfred Asterjadhi and Secretary Dennis Sundman and we will help you.

1. IEEE-SA Policies and Procedure

Patent Policy:

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. Speak up now and respond to this Call for Potentially Essential Patents. **Nobody speaks/writes up**.

* 1. The chair goes through Other guidelines for IEEE WG meetings, Patent-related information, Participation in IEEE 802 Meetings, and **Copyright**. The Chair encourages the group to carefully read slides 15-16 in [1971r7](https://mentor.ieee.org/802.11/dcn/21/11-21-1971-07-00be-tgbe-jan-2022-meeting-agenda.pptx).
  2. Procedural information. The Chair notifies that each individual has to register for the plenary. The Chair goes through procedures slide 4-5.

1. Chair reviews the proposed agenda for the call found on slide 24 of [1971r7](https://mentor.ieee.org/802.11/dcn/21/11-21-1971-07-00be-tgbe-jan-2022-meeting-agenda.pptx).
   1. Modifications to motions item, added document number
   2. No objection to agenda after modification
2. Editor’s report, see [11-21-1062r6](https://mentor.ieee.org/802.11/dcn/21/11-21-1062-06-00be-tgbe-editor-s-report-on-cc36-and-cc37.ppt).
   1. Edward Au (Huawei) presents the document, see the document for details
   2. CID Status – 7 unresolved, 5 draft prepared, in the queue
      1. Editor’s response, still has pending status, so no change needed
3. Announcements:
4. [Guideline](https://mentor.ieee.org/802.11/dcn/20/11-20-0984-11-00be-tgbe-teleconference-guidelines.docx) Update
   1. Some questions and minor discussion.
5. CR Submissions:
   1. [1965r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1965-07-00be-pdt-mac-mlo-mandatory-optional.docx) PDT-MAC-MLO-Mandatory optional Laurent Cariou (Intel) [SP 1C-partial]

Laurent reviews document contents.

Q: can you have an AP that is not part of an AP MLD?

A: all AP must be part of an AP MLD, single link AP MLD ok

Q: use of “shall” is questioned, as the statement seems to duplicate existing normative text

A: document modified to make statement declarative, removing “shall”

Q: MIB is not included

Q: EMLSR and STR mandatory support indicated, what about STR for 2.4 + 5/6?

A: AP side only

SP: Do you agree to incorporate the changes proposed in Part 1a of document [1965r7](https://mentor.ieee.org/802.11/dcn/20/11-20-1965-07-00be-pdt-mac-mlo-mandatory-optional.docx) into the latest TGbe draft?

Result: Supported with no objection from the group.

* 1. [2014r1](https://mentor.ieee.org/802.11/dcn/21/11-21-2014-01-00be-cr-for-35-5-3-part3.docx) cr-for-35.5.3\_part1 Jinyoung Chun (LG) [SP 11C]

Jinyoung reviews the document contents, emphasizing changes since the last presentation of the document.

Q: CID 8370, resolution has been modified, need time to review

Q: MPDU not PPDU, so commenter is correct, therefore, reject is not correct

SP: Do you agree to resolve the following CIDs listed in [2014r1](https://mentor.ieee.org/802.11/dcn/21/11-21-2014-01-00be-cr-for-35-5-3-part3.docx) and incorporate the text changes into the latest TGbe draft?

* 8369, ~~8370~~, 8214, 8215, 7080, 7930, 7929, 8371, 7931, 4430 and ~~7932~~

Result: Supported with no objection from the group.

* 1. [1601r5](https://mentor.ieee.org/802.11/dcn/21/11-21-1601-05-00be-cc36-comment-resolution-subclause-35-3-7-2.docx) CC36 comment resolution subclause 35.3.7.2 Liwen Chu [SP 22C]

Liwen reviews document contents.

Q: editorial suggestion, cannot delete the subclause, creates a hanging paragraph

Q: mixing frame and PPDU, propose change to AMPDU

SP: Do you agree to resolve the following CIDs listed in [1601r5](https://mentor.ieee.org/802.11/dcn/21/11-21-1601-05-00be-cc36-comment-resolution-subclause-35-3-7-2.docx) and incorporate the text changes into the latest TGbe draft?

* 4111, 5167, 7603, 7604, 7605, ~~4119~~, ~~5726~~, 4746, 5146, 5688, 6489, 7371, 7372, 7413, 7602, 5924, 5988, 6465, 6490, 6623, 6626, 6990

Result: Supported with no objection from the group.

1. Motions (during 2nd half of meeting): [1982r58](https://mentor.ieee.org/802.11/dcn/20/11-20-1982-58-00be-tgbe-motions-list-for-teleconferences-part-2.pptx)
   1. Motion 294

**Move to approve resolutions to the CIDs:**

* 7073, 7926, 5562, 6060, 5563, 7074, 4428, 7076, 4429, 6061, 7077, 7078, 7927 in [2012r2](https://mentor.ieee.org/802.11/dcn/21/11-21-2012-02-00be-cr-for-35-5-3-part1.docx) *[13 CIDs]*
* 4244, 4245, 7928, 7079 in [2013r4](https://mentor.ieee.org/802.11/dcn/21/11-21-2013-04-00be-cr-for-35-5-3-part2.docx) *[4 CIDs]*
* 5675, 7793 in [2019r5](https://mentor.ieee.org/802.11/dcn/21/11-21-2019-05-00be-cc36-cr-for-cid-5675-7793.docx) *[2 CIDs]*
* 8369, ~~8370~~, 8214, 8215, 7080, 7930, 7929, 8371, 7931, 4430, ~~7932~~ in [2014r1](https://mentor.ieee.org/802.11/dcn/21/11-21-2014-00-00be-cr-for-35-5-3-part3.docx) *[9 CIDs]*
* 4111, 5167, 7603, 7604, 7605, ~~4119, 5726~~, 4746, 5146, 5688, 6489, 7371, 7372, 7413, 7602, 5924, 5988, 6465, 6490, 6623, 6626, 6990 in [1601r5](https://mentor.ieee.org/802.11/dcn/21/11-21-1601-05-00be-cc36-comment-resolution-subclause-35-3-7-2.docx) *[20 CIDs]*

**and incorporate the text changes into the latest TGbe draft.**

Move: Edward Au Second: Rojan Chitrakar

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 295

**Move to approve resolutions to the CIDs:**

* **7973, 4613, 7100, 7956 in** [**0066r2**](https://mentor.ieee.org/802.11/dcn/22/11-22-0066-02-00be-cids-in-eht-phy-introduction-cc36-cr.docx) ***[4 CIDs]***
* **7105, 7642, 7966, 5090, 7112, 7643, 7109 in** [**1228r0**](https://mentor.ieee.org/802.11/dcn/21/11-21-1228-00-00be-cc36-cr-on-eht-phy-introduction-ndp-related-cids.docx) ***[7 CIDs]***
* **4622, 4977, 6147, 6154, 6812, 6813, 6815, 7090, 7733, 7941 in** [**0062r0**](https://mentor.ieee.org/802.11/dcn/22/11-22-0062-00-00be-cc36-cr-for-nominal-packet-padding-values-part-1.docx) ***[10 CIDs]***
* **4125, 4525, 4528, 4529, 4530, 4531, 4532, 4533, 4572, 4573, 4581, 4656, 5455, 5565, 5805, 5806, 5807, 5808, 6090, 6465, 6824, 6913, 6914, 6918, 6919, 6920, 6921, 6922, 6924, 7118, 7120, 7121, 7122, 7123, 7126, 7127, 7128, 7307, 7396, 7397, 7647, 7649, 7650, 7651, 7654, 7655, 7656, ~~7980~~, 7981, 7982, 7983, 7984, 7985, 7986, 7987, 7988, 7991, 8014, 8086, 8087, 8088, 8146 in** [**2035r2**](https://mentor.ieee.org/802.11/dcn/21/11-21-2035-02-00be-cr-d1-0-txvector-rxvector-parameters.docx) ***[612 CIDs]***

**and incorporate the text changes into the latest TGbe draft.**

Move: Bo Sun Second: Wook Bong Lee

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 296

**Move to approve resolutions to the CIDs:**

* **4239, 4240, 4484, 4729, 4731, 4732, 4755, 5318, 5707, 6322, 6926, 6991, 8218, 8219 in** [**1685r8**](https://mentor.ieee.org/802.11/dcn/21/11-21-1685-08-00be-cc36-cr-for-aar.docx) ***[14 CIDs]***

**and incorporate the text changes into the latest TGbe draft.**

Move: Stephen McCann Second: Ming Gan

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 297

**Move to approve resolutions to the CIDs:**

* **4719, 4767, 4775, 5728, 5775, 5887, 7471, 5664, 5886, 6410 in** [**1802r9**](https://mentor.ieee.org/802.11/dcn/21/11-21-1802-09-00be-cc36-crs-restricted-twt-additional-rules.docx) ***[10 CIDs]***
* **~~6636~~, 7488, 5571, 6166, 4093, 4315, 6581 in** [**2009r0**](https://mentor.ieee.org/802.11/dcn/21/11-21-2009-00-00be-cr-for-3-2.docx) ***[6 CIDs]***

**and incorporate the text changes into the latest TGbe draft.**

Move: Edward Au Second: George Cherian

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 298

**Move to approve changes to the TGbe draft as specified in the following documents:**

* + **PHY:** [0023r3](https://mentor.ieee.org/802.11/dcn/22/11-22-0023-03-00be-large-bandwidth-support.docx)
  + **MAC:** Part 1a of [1965r8](https://mentor.ieee.org/802.11/dcn/20/11-20-1965-08-00be-pdt-mac-mlo-mandatory-optional.docx)

Move: Wook Bong Lee Second: Laurent Cariou

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 299

**Move to approve resolutions to the CIDs:**

* **4095, 4291 and 5072 as follows: “REVISED: TGbe editor to make the changes shown in https://mentor.ieee.org/802.11/dcn/21/11-21-1561-01-00be-cc36-cr-for-cid-6630.docx) under all headings that include CID 6630."**

Move: Stephen McCann Second: Po-kai Huang

Discussion: No discussion

Result: Approved with unanimous consent.

* 1. Motion 300
* **Move to instruct the TGbe Editor to create IEEE802.11be D1.4 draft after incorporating the approved changes as specified in Motions 275 to 299 (motions with numerical values).**

Move: Stephen McCann Second: Laurent Cariou

Discussion: No discussion

Result: Approved with unanimous consent.

1. CR Submissions:
   1. [1868r3](https://mentor.ieee.org/802.11/dcn/21/11-21-1868-03-00be-redundant-transmission-over-ml-for-low-latency-traffic.pptx) redundant-transmission-over-ml-for-low-latency-traffic Xiangxin Gu (Unisoc) [?C]

Xiangxin reviews the document contents

Q: slide 2, clarify interval and volume of traffic bursts

A: fast changing video v slow changing video casues bursts

Q: slide 5, proposal is to receive 2 copies – what is overhead?

A: can cancel a duplicate if delivered on another link

Q: 802.1cb similar, try to define interface between 802.1cb and this proposal, i.e. describe how this proposal can implement 802.1cb

A: duplicate deletion is not possible in 802.1cb, need to provide delivery information to 802.1cb to allow duplicate deletion

1. Adjourned at 10:58 EST