IEEE P802.11
Wireless LANs

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| Comment resolutions for subclause 29.1 and 30.1  |
| Date: 2020-4-16 |
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Abstract

This submission proposes resolutions for multiple comments related to TGba D6.0 with the following CIDs:

7005, 7006, 7051, 7052

Revisions:

* Rev 0: Initial version of the document.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGba Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGba Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGba Editor: Editing instructions preceded by “TGba Editor” are instructions to the TGba editor to modify existing material in the TGba draft. As a result of adopting the changes, the TGba editor will execute the instructions rather than copy them to the TGba Draft.***

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| **CID** | **Clause Number** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 7005 | 29.1 | 105 | 20 | Incomplete specification: "except when the functions in Clause 29 (Wake-Up Radio (WUR) MAC specification) supersede the functions in Clause 10, Clause 11 (MLME), Clause 12 (Security) or Clause 26 (High Efficiency (HE) MAC specification)" … and then what? When the specifications in this clause supersede those other clauses, I \*guess\* you mean this clause takes precedence. If so, that should be stated so readers do not guess (guessing is bad). If you mean something else, scrap the sentence and try again. | Break into at least two sentences by putting a period after "is an HE STA.", delete "except", replace the last part with a new sentence: "Where the functional specifications in this clause conflict with other clauses, this clause takes precedence." | Revised.Agree in principle with the commenter. The paragraph is broken into three sentences.TGba editor to make the changes shown in doc.: IEEE 802.11-20/0628r0 under all headings that include CID 7005. |
| 7006 | 29.1 | 105 | 15 | This sentence-paragraph is a run-on mess, the meaning of which is ambiguous. Starting with "if a WUR STA is an HE STA except when" does the "except" apply only when a WUR STA is an HE STA, or does it apply to all WUR STAs? Or does it mean clause 26 applies only when the WUR STA is also an HE STA (my guess)? Breaking it up into distinct statements, each a sentence, will be much more clear and much easier to make unambiguous. | Replace the sentence-paragraph with: "A WUR STA shall support the MAC and MLME functions defined in this clause. A WUR STA shall support the functions defined in Clause 10 (MAC sublayer functional description), the MLME functions defined in Clause 11 (MLME), the security functions defined in Clause 12 (Security). When the WUR STA is an HE STA, the functions defined in Clause 26 (High Efficiency (HE) MAC specification) shall be supported. Where the functional specifications in this clause conflict with other clauses, this clause takes precedence.” defined in this clause. A WUR STA | Revised.Agree in principle with the commenter. The paragraph is broken into three sentences.TGba editor to make the changes shown in doc.: IEEE 802.11-20/0628r0 under all headings that include CID 7006. |
| 7051 | 30.1 | 133 | 57 | Add 1024 QAM and 4096-QAM |   | Rejected.This is an invalid comment. The commenter fails to identify the issue why 1024 QAM and 4096 QAM should be added. |
| 7052 | 30.1 | 133 | 60 | I'm fine with this ammendment only defining two PHY data rates, however I'd like to see them listed on an index of 0 for LDR and 1 for HDR so that there is extensebility in the protocol so someone at some point in the future could defined a further ammendment with more rates. We don't need to promise anything of that sort, just set up the protocol to be extensible |  | Rejected.The naming of the two PHY rates (HDR and LDR) defined in 802.11ba Draft 6.0 does not prevent someone from defining a new PHY rate in a future amendment. One can easily define a name for a new PHY rate (e.g. LDR2, HDR2) in a future amendment.  |

**29. Wake-Up Radio (WUR) MAC specification**

**29.1 Introduction**

**TGba Editor: *Change the following paragraph in subclause 29.1 in TGba Draft 6.0 as follows: (#7005, 7006)***

A WUR STA supports the MAC and MLME functions defined in Clause 29 (Wake-Up Radio (WUR) MAC specification) in addition to the MAC functions defined in Clause 10 (MAC sublayer functional descrip­tion), the MLME functions defined in Clause 11 (MLME), the security functions defined in Clause 12 (Security). When the WUR STA is an HE STA, the WUR STA supports the HE MAC functions defined in Clause 26 (High Efficiency (HE) MAC specification). Where the functional specifications in this clause conflict with other clauses, this clause takes precedence. (#7005, 7006)