IEEE P802.11  
Wireless LANs

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| Editorial Comment Resolutions Part 3 | | | | |
| Date: 2015-11-10 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Alfred Asterjadhi | Qualcomm Inc. | 5775 Morehouse Dr, San Diego, CA 92109 | +1-858-658-5302 | aasterja@qti.qualcomm.com |

Abstract

This submission proposes resolutions for multiple comments related to TGah D5.0.

* 8067, 8069, 8072, 8075, 8084, 8086, 8088, 8089, 8090, 8092
* 8094, 8097, 8100, 8101, 8198, 8203, 8204, 8208, 8209, 8211
* 8222, 8224, 8237, 8242, 8250, 8256, 8263, 8288, 8289, 8296
* 8301, 8313, 8314, 8315, 8316, 8317, 8318, 8319, 8320, 8329
* 8330, 8333, 8338, 8339, 8340, 8341, 8343, 8345, 8346, 8347

Revisions:

- Rev 0: Initial version of the document that includes resolutions for the above listed CIDs except for:

8345 (re-assign to MAC), 8330 (re-assign to PHY), 8329 (re-assign to PHY), 8301, 8256

* Rev 1: Updated resolutions for CID 8198, 8222, 8224, 8263. And removed resolution for 8289 (to be resolved in a future draft.

# PARS I

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 8067 | Stephens, Adrian | 89.24 | What is this heading doing here? Nothing. | Remove cited heading. | Accepted |
| 8069 | Stephens, Adrian | 90.21 | The new subclause 8.3.1.5.1 makes 8.3.1.5 a hanging subclause, contrary to IEEE-SA style. | Insert a new subclause heading 8.3.1.5.1 "General" at cited location. | Accepted |
| 8072 | Stephens, Adrian | 92.62 | "add the notes below the Table".  Notes attach to body text, or are present \*in\* tables, not after them. The reason is that tables float around. | Either relate the notes to an existing para, or include them in the table and cite from within the table cells. | Revised --  Agree in principle.  Move both NOTE 1 and NOTE 2 contents at the end of the table (i.e., add them as a last row) as suggested in option 2 of the proposed change. |
| 8075 | Stephens, Adrian | 104.02 | "used by MLME primitives" -- these primitives do not use their parameters any more than a frame uses a CRC. | "when present as a parameter of an MLME primitive" | Accepted |
| 8084 | O'Hara, Robert | 75.36 | improper grammar | "fields ... is" -> "fields ... are" | Accepted |
| 8086 | O'Hara, Robert | 77.50 | There are two empty change instructions here | Correct the document formatting so that the tables to be changed immediately follow the instructions to make the change. Use "keep with next" formatting. | Accepted |
| 8088 | O'Hara, Robert | 110.15 | There is an empty instruction here | Correct the document formatting so that the table to be changed immediately follows the instructions to make the change. Use "keep with next" formatting. | Accepted |
| 8089 | O'Hara, Robert | 191.28 | The instruction states to insert the new material after 8.6.23. however, the new material clause number is 8.6.25. It appears that there is either a mistake in numbering or placement. | Correct the number in either the instruction or the new clause number to be 8.6.24. | Revised –  Replace “8.6.23” with “8.6.24”. |
| 8090 | O'Hara, Robert | 587.24 | There is an empty instruction here | Correct the document formatting so that the table to be changed immediately follows the instructions to make the change. Use "keep with next" formatting. | Accepted |
| 8092 | Stephens, Adrian | 113.14 | "0 or 32 or 48 or 64" is not how to show a list in text | Replace with "0, 32, 48, or 64" | Accepted |

# PARS II

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| **CID** | **Commenter** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 8094 | Stephens, Adrian | 113.34 | "The Next TWT Request subfield is set to 0 if a TWT Information frame containing a nonzero length Next TWT field is not requested." -- it really is not necessary to express the negative of the previous condition in full. | Replace with "Otherwise, it is set to 0" | Accepted |
| 8097 | Stephens, Adrian | 118.46 | "4 while for Method C ". Resist the urge to create overlong sentences. | Replace " while for" with ". For". See, it was easy wasn't it?  Having discovered this new skill, I encourage TGah to exercise it at line 54 too. | Accepted |
| 8100 | Stephens, Adrian | 130.54 | Leftmost "0 or 2 or 4" in figure - that's not how to construct this list | Replace cited text with "0, 2, or 4".  Make similar changes to the 5 following fields in this figure. Make similar changes to the Frame Classifier field figures throughout this subclause. | Accepted |
| 8101 | Stephens, Adrian | 132.11 | There is no extra cost associated with using the full width of the page, and avoiding unnecessary breaks in words. | Widen the figure to avoid breaks in words. | Accepted |
| 8198 | Halasz, David | 26 | Missing former chair. | Add (Dave Halasz, Former Chair) | Accepted  With sincerest apologies from the TG for missing that out. |
| 8203 | Lepp, James | 328.10 | It is relay STA and relay AP, not relay-STA and relay-AP as shown in figure 9-104. | Remove the hyphen in the diagram text. | Accepted |
| 8204 | Lepp, James | 385.27 | Long sentence has the word "except" twice and is confusing. Reword into two or three statements. | Transmissions of PPDUs with channel bandwidth 2 MHz, 4 MHz, 8 MHz and 16 MHz are in general modulated the same way as 20 MHz, 40 MHz, 80 MHz and 160 MHz contiguous mode as specified in Clause 22, respectively, except with a 1/10 clock rate. For details refer to Table 24-4 (Timing-related constants). Transmissions of PPDUs with 1 MHz channel bandwidth are modulated as described in 24.3.4.4. | Accepted |
| 8208 | Lepp, James | 357.64 | Self reference to 10.3.8.2 within 10.3.8.2 | remove self reference | Revised –  Replace “specified in 10.3.8.2 (Centralized Authentication Control) with “specified in this subclause”. |
| 8209 | Lepp, James | 358.21 | Self reference to 10.3.8.2 within 10.3.8.2 | remove self reference | Revised –  Replace “defined in 10.3.8.2 (Centralized authentication control)” with “specified in this subclause”. |
| 8211 | Lepp, James | 427.27 | Figure 24-5 is in a different drawing style than other figures in the document | Match style/colors/shadows | Accepted |

# PARS III

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| **CID** | **Commenter** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 8222 | Rolfe, Benjamin | 3.19 | It appears the term is not used in the draft. I found "1 MHz mask PPDU" so perhaps that is what you wish to define? Or do you intend the term to include the expanded words for PPDU, in which case it should also be used that way. | Remove term from definitions. | Revised –  Proposed resolution is to fix the inconsistencies found for the use of these definitions.  Replace “1 MHz mask S1G PPDU” with “ 1 MHz mask PPDU” throughout the draft. |
| 8224 | Rolfe, Benjamin | 3.24 | It appears the term is only used in the definition of another term. The 802.11 definitions clause is cluttered enough that additional redundancy is no needed. | Remove term from definitions. Revise dependent definitions to not need it. | Revised –  Proposed resolution is to fix the inconsistencies found for the use of these definitions.  Replace “2 MHz mask S1G PPDU” with “2 MHz mask PPDU” throughout the draft.  Replace “4 MHz mask S1G PPDU” with “4 MHz mask PPDU” throughout the draft.  Replace “8 MHz mask S1G PPDU” with “8 MHz mask PPDU” throughout the draft.  Replace “16 MHz mask S1G PPDU” with “16 MHz mask PPDU” throughout the draft. |
| 8237 | Rolfe, Benjamin | 10.36 | "4-address frame" should be "four-address frame" to be consistent with the base standard. | Change to "four-address frame" throughout draft | Accepted |
| 8242 | Rolfe, Benjamin | 116.22 | The unmodified text does not match the base standard.... | traffic-indication s/b "traffic indication" | Accepted |
| 8250 | Rolfe, Benjamin | 205.51 | Figure 8-727: Why is A1 2 or 6 octets while A2 is 6 or 2 octets? Amendments are required to follow the editorial conventions of the base standard being amended. | Follow the style of the base standard which seems to have the smaller numeric value first. | Accepted |
| 8256 | Rolfe, Benjamin | 76.16 | Caption is excessively wordy and repeats what is stated in the text. | Leave the caption as it appears in the base standard (delete changes to caption) | **NOT ADDRESSED IN R0.** |
| 8263 | Rolfe, Benjamin | 82.41 | Change Item (a) to item ( c) ??? | change "c" to "a" | Revised –  Change “item a” to “item c” in the editor instruction. |
| 8288 | Hamilton, Mark | 169.52 | The word "Field" should not appear in the format diagram, for the "Address Count Field" | Delete "Field" from the format diagram (unless it is deleted, per my other comment) | Accepted |
| 8289 | Hamilton, Mark | 170.01 | There are multiple "Reachable Address" subfields in this element, not a single "Reachable Addresses field" | Change "the Reachable Addresses field" to "the Reachable Address fields" (unless this line is deleted, per my other comment) | Not addressed in neither R0 nor R1. |
| 8296 | Hamilton, Mark | 329.63 | STAs don't send elements, they send frames. | Change "shall send a Reachable Address Update element" to "shall send a Reachable Address Update frame" | Accepted |

# PARS IV

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| **CID** | **Commenter** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 8301 | Wang, Xiaofei | 13.38 | The definition of the paramter ReceiveTIMs is opposite of the literal meaning of the parameter name "ReceiveTIMs". Sugges thatt the parameter should be defined consistently with the literal meaning of the parameter name, similar to the definition of the parameter ReceiveDTIMs in the same request | Change the description of the parameter ReceiveTIMs into "For an S1G STA, this parameter is set to the boolean complement of dot11NonTIMModeActivated. When true, this parameter causes the S1G STA to awaken to receive Beacon frame as determined by the STA's ListenInterval and the ReceiveDTIMs parameter. When false, this parameter causes the S1G STA to transmit at least one frame every listen interval without receiving a Beacon frame as determined by the STA's ListenInterval parameter." | **NOT ADDRESSED IN R0.** |
| 8313 | Wang, Xiaofei | 82.43 | Sentence" and the 2 Most Significant Bits (MSB) both set to 1" is awkward. A better phrasing can be found. | Sentence can be re-phrased to " and sets 2 MSBs to 1" | Rejected –  That portion of the text belongs to REVmc D4.0. Please submit the comment to REVmc. |
| 8314 | Wang, Xiaofei | 83.10 | The sentence "reserved if not in S1G PS-Poll frames" should not separated by a comma. | replace comma with full stop. Separate the sentences i.e. ". Reserved if not in S1G PS-Poll frames" | Accepted |
| 8315 | Wang, Xiaofei | 83.44 | Need to capitalize A in "ack" in caption of figure 9.3.2.1.10 (Block ack procedure)" to make consitent with the rest of the document. | change "ack" to "ACK" or "Ack" | Rejected –  The caption in the baseline is “9.3.2.10(Block ack procedure)”. Hence, the reference to the subclause is correct. |
| 8316 | Wang, Xiaofei | 90.07 | In Figure 8-18, bits B2 and B3 are labeled as "Type (Control)" but in Figure 8-18a the same bits are labeled as Type | Change in Figure 8-18a, the labels for bits B2 and B3 to "Type (control)" to make the figure consistent with Figure 8-18. | Revised –  Replace “Type” with “Type (Control)”. |
| 8317 | Wang, Xiaofei | 117.41 | Missing article "the" in sentence "If all bits in virtual bitmap are 0: | Modify sentence to "If all bits in the virtual bitmap are 0" | Accepted |
| 8318 | Wang, Xiaofei | 122.49 | Missing article "the" in sentence "When decoding, if Inverse Bitmap subfield is 1, EWL and Length subfield are 0s, all AIDs in the ADE blocks are paged" | Change sentece to "When decoding, if the Inverse Bitmap subfield is 1, and the EWL and Length subfield are 0s, all AIDs in the ADE blocks are paged" | Revised –  Suggest to add “then” as well.  Change sentence to "When decoding, if the Inverse Bitmap subfield is 1, and the EWL and Length subfield are 0s, then all AIDs in the ADE blocks are paged" |
| 8319 | Wang, Xiaofei | 122.52 | Missing article "the" in sentence "If Inverse Bitmap subfield is 1, EWL is 7 and Length subfield is 1" | Change sentence to "If the Inverse Bitmap subfield is 1, the EWL is 7 and the Length subfield is 1" | Revised –  Suggest to add “then” as well.  Change sentence to "If the Inverse Bitmap subfield is 1, the EWL subfield is 7 and the Length subfield is 1, then " |
| 8320 | Wang, Xiaofei | 136.58 | Missing article "the" in sentence "The Start Time Indication subfield indicates whether RAW Start Time subfield is present" | Change the sentence to "The Start Time Indication subfield indicates whether the RAW Start Time subfield is present" | Accepted |
| 8329 | Rolfe, Benjamin | 461.39 | 21.3.3.1 of the base standard states that "For all of the PHYs, all defined fields are transmitted bit 0 first in time." and so it is redundantly repeating normative information to repeat that "The bit 0 shall be transmitted first in time" as labeling it bit 0 is sufficient to specify it is transmitted first in time and saying it again and again is redundant. | Delete "The bit 0 shall be transmitted first in time" | **Re-assign to PHY** |

# PARS V

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| **CID** | **Commenter** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 8330 | Rolfe, Benjamin | 421.61 | "These tables" at the start of a new paragraph leaves context (slightly) unspecified. The reader is likely to guess that "these" re 24-38 through 24-57. Editorial convention in the base standard is to leave guessing to a minimum. | "Tables 24-38 through 24-57 give..." | **Re-assign to PHY** |
| 8333 | Rolfe, Benjamin | 421.63 | "EQM" seems to be used only once in this draft and so |  | Revised—  I think the commenter was thinking to suggest removing the acronym as it is used only once.  Remove “(EQM)”. |
| 8338 | Hunter, David | 4.50 | "A non-sensor STA may not": normative term used in a definition. | Replace "may" with "might". Also delete the extraneous "as" on line 51. | Accepted |
| 8339 | Hunter, David | 6.29 | "to wake to exchange frames": Confusing: how can exchange frames cause the STA to wake? It would be more accurate to say "wake in order to". | Replace "to wake to exchange" with "to wake in order to exchange". Or perhaps "to wake for frame exchange." | Revised –  Replace "to wake to exchange" with "to wake in order to exchange". |
| 8340 | Hunter, David | 9.11 | "This subclause summarizes the normative requirements for an IEEE 802.11 S1G STA stated elsewhere in this standard.": someone missed the whole purpose of Clause 4. It is not to summarize requirements, but to introduce the principal concepts that will be defined and specified in the following clauses. | Delete "This subclause summarizes the normative requirements for an IEEE 802.11 S1G STA stated elsewhere in this standard." | Accepted |
| 8341 | Hunter, David | 9.17 | Clause 4 is a General Description, not a list of other clauses. | Delete lines 17 through 20. (If a general description of S1G is desired, then provide an introductory description at this location.) | Rejected –  This is the same terminology used in REVmc. E.g., refer to P76L43 to 47 for the VHT description. |
| 8343 | Hunter, David | 10.26 | "enable either reducing the energy consumption of an STA or increasing the achievable range between an S1G AP and an S1G non-AP STA.": reducing and increasing are not the sorts of things that can be enabled -- though reduction and increase can. Also, it is more accurate to say "usable" rather than "achievable". And, since the first half is just about a STA, why not make the rest about an AP and a non-AP STA? (Note that no claims are being made about every AP and STA, just some of them.) | "enable either reducing the energy consumption of a STA"or increasing the achievable range between an S1G AP and an S1G non-AP STA." with " help either reduce a STA's energy consumption or increase the usable range between an AP and a non-AP STA." | Accepted |
| 8345 | Hunter, David | 10.28 | "The S1G AP can provide either or both of sensor services and offloading services.": broken English, and this doesn't need "either or both of". In addition, neither of these terms has been introduced. | Either: First provide descriptions of what "sensor service" and "offloading service" are, andd then replace "provide either of both of sensor services and offloading services." with "provide sensor services and/or offloading services." Or: Delete "The S1G AP can provide either or both of sensor services and offloading services." | **Re-assign to MAC** |
| 8346 | Hunter, David | 10.31 | "An S1G STA is also a QoS STA, but does not support HCCA. An S1G STA is a non-mesh STA.": it would be clearer to replace "non-mesh" with its apparent meaning and to combine these "is not" descriptions. | Replace "An S1G STA is also a QoS STA, but does not support HCCA. An S1G STA is a non-mesh STA." with "An S1G STA is also a QoS STA, but it does not support HCCA and is not a mesh STA." | Revised –  Same resolution as CID 8008.  Replace the two sentences with "An S1G STA is a non-mesh STA and a QoS STA that does not support HCCA." |
| 8347 | Hunter, David | 10.36 | "S1G Relay is a mechanism": missing article. | Replace "S1G" with "An S1G". | Revised –  “The” is more appropriate. And is also suggested in other comments from the same commenter as well.  Insert “The” prior to “S1G”. |