IEEE P802.11
Wireless LANs

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| CID 7452 |
| Date: 2016-04-01 |
| Author: |
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##### This submission discusses on the accepted resolution of CID 7452 that need additional inputs to editors.

##### Revision history:

##### R0 – initial version

R1 – revised based on feedback from the commenter

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| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 7452 | 8.3.5.1.4.2 | 559 | 40 | "The RXVECTOR represents a list of parameters that the PHY provides the local MAC entity upon receipt of a valid PHY header or upon receipt of the last PSDU data bit in the received frame." -- can't be sent before the end, by definition. I'm not sure why the values in the PHY-RXSTART.ind can't be used, either | Delete this sentence | REVISED (MAC: 2016-02-25 15:06:47Z): Delete "upon receipt of a valid PHY header or" |

***Discussion:***

In this comment, the author refers to 559.40 and clause 8.3.5.14.2. However, 559.40 is actually in clause 8.3.5.13.2 (PHY-START.indication), rather than 8.3.5.14.2 (PHY-RXEND.indication). To make things worse, the sentence quoted by the commenter exists in both clauses!





I discuss with Adrian who comments that the resolution may be technically wrong:

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| Technically the resolution is wrong. I remember a different outcome (but I might just be mentally inventing that).The point is that the RXSTART ind is given at the end of the PHY header.So this change is needed:At 559.42, to delete “or upon receipt of the last PSDU data bit in the received frame”At 560.40, I think the text is correct, because RXEND ind can come at the end of the header (e.g. unsupported rate) or the end of the PSDU.However, at this location “\*valid\* PHY header” is open to challenge, because the reasons for indication an RXEND ind at the end of the PHY header relate also to receiving an invalid PHY header. |

Upon feedback from the commenter, Mark Rison, this CID is for 560.39 in clause .3.5.14.2 (PHY-RXEND.indication). He provides the following comments offline (in response to the aforementioned Adrian’s comment):

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| Yes, so my proposed change for CID 7452 was to delete the sentence.As the comment suggested, I think you could go further and delete the RXVECTOR from the RXEND.ind, since it was already provided in the RXSTART.ind.I can't see how the RXVECTOR could differ, nor can I find anything about such a possible difference in the spec.OK, but you're keeping the RXVECTOR in there, now without defining it? Might it be worth keeping the "The RXVECTOR represents a list of parameters that the PHY provides the local MAC entity" bit as for the RXSTART.ind, i.e. delete just the "upon receipt of a valid PHY header or upon receipt of the last PSDU data bit in the received frame"?[Incidentally, I've found a third reason the existing text at 560.39 is broken: if the RXERROR is CarrierLost then the RXEND.ind will come neither upon receipt of the PHY header nor upon receipt of the last PSDU data bit, but somewhere between those two.] |

Note: the comment for 559.40 is CID 7451, which has already been accepted. The approved resolution is to delete "or upon receipt of the last PSDU data bit in the received frame".

***Proposed resolution:***

**Revised**

Accept the commenter’s proposed change to change the sentence “The RXVECTOR represents a list of parameters that the PHY provides the local MAC entity upon receipt of a valid PHY header or upon receipt of the last PSDU data bit in the received frame.” to “The RXVECTOR represents a list of parameters that the PHY provides the local MAC entity.” at 560.39 in clause 8.3.15.4.2.