IEEE P802.11  
Wireless LANs

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| LB 187 Miscellaneous Comment Resolution | | | | |
| Date: 2012-05-15 | | | | |
| Author(s): | | | | |
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|  |  |  |  |  |

Abstract

This submission includes proposed resolutions to CIDs 4173, 4527, 4528, 4708, and 4717.

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| 4173 | 34.20 | 8.3.1.2 |  | "Otherwise the TA field is the address of the STA transmitting the RTS frame." is a duplicate of the normative rule specified on line 16. There is no need for this sentence. | Remove "Otherwise the TA field is the address of the STA transmitting the RTS frame." |

Context:

The TA field is the address of the STA transmitting the RTS frame or a bandwidth signaling TA(#5029). The

TA field is set to a bandwidth signaling TA(#5029) in an RTS frame transmitted by a VHT STA in a non-HT

or non-HT duplicate format to indicate that the scrambling sequence carries the TXVECTOR parameters

CH\_BANDWIDTH\_IN\_NON\_HT and DYN\_BANDWIDTH\_IN\_NON\_HT (see 9.3.2.5a (VHT RTS procedure)).

Otherwise the TA field is the address of the STA transmitting the RTS frame.

Discussion: Agree with the commenter. The last sentence seems redundant and doesn’t provide new information different from that provided at the beginning of the paragraph.

Proposed Resolution: Accepted.

Proposed changes

The TA field is the address of the STA transmitting the RTS frame or a bandwidth signaling TA(#5029). The

TA field is set to a bandwidth signaling TA(#5029) in an RTS frame transmitted by a VHT STA in a non-HT

or non-HT duplicate format to indicate that the scrambling sequence carries the TXVECTOR parameters

CH\_BANDWIDTH\_IN\_NON\_HT and DYN\_BANDWIDTH\_IN\_NON\_HT (see 9.3.2.5a (VHT RTS procedure)).

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| 4527 | 33.38 | 8.2.5.2 |  | The Duration/ID field is a field in each of these frames, not an attribute of the frames. | Replace "For an NDPA frame," with "In an NDP Announcement frame" and on line 47 replace "For a Beamforming Poll frame," with "In a Beamforming Poll frame" (note the deletion of the commas). Yes, we understand that this is equally botched in 11mb; that is a problem for 11mc. |

Context:

a) Single protection settings.

***Insert a sub-bullet 7) and 8) following sub-bullet 6) as shown below:***

7) For an NDPA frame, the Duration/ID field is set to the estimated time required to transmit the

subsequent NDP and VHT Compressed Beamforming frame response plus two SIFS intervals

plus the pending frame and its acknowledgement if required (including appropriate IFS values)

when any pending frames are to be transmitted within the same TXOP as the NDPA.

8) For a Beamforming Report Poll frame, the Duration/ID field is set to the estimated time

required to transmit the VHT Compressed Beamforming frame response plus one SIFS interval

plus the pending frame and its acknowledgement if required (including appropriate IFS values)

when any pending frames are to be transmitted within the same TXOP as the NDPA.

b) Multiple protection settings. The Duration/ID field is set to a value D as follows:

Discussion: The changes requested by the commenter seem to be minor editorial changes. I am not sure about the commenter statement, “Yes, we understand that this is equally botched in 11mb; that is a problem for 11mc.”

Proposed Resolution: Accepted

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| 4528 | 33.62 | 8.2.5.2 |  | What is a Compressed Beamforming response frame? | Either define somewhere what frames count as Compressed Beamforming response frames, or defined this as a frame that contains a Compressed Beamforming Report field, or ? This change also affects lines 39 and 44 of this page. |

Context:

—Any Beamforming Report Poll transmission and VHT Compressed Beamforming

response frames

subsequent NDP and VHT Compressed Beamforming frame response plus two SIFS intervals

plus the pending frame and its acknowledgement if required (including appropriate IFS values)

when any pending frames are to be transmitted within the same TXOP as the NDPA.

8) For a Beamforming Report Poll frame, the Duration/ID field is set to the estimated time

required to transmit the VHT Compressed Beamforming frame response plus one SIFS interval

plus the pending frame and its acknowledgement if required (including appropriate IFS values)

when any pending frames are to be transmitted within the same TXOP as the NDPA.

Discussion: VHT Compressed Beamforming frame is already defined in Clause 8.5.23.2. The word “response” is misplaced in a number of places as indicated by the commenter.

Proposed Resolution: Revised

Proposed Chnages:

subsequent NDP and VHT Compressed Beamforming frame plus two SIFS intervals

plus the pending frame and its acknowledgement if required (including appropriate IFS values)

when any pending frames are to be transmitted within the same TXOP as the NDPA.

8) For a Beamforming Report Poll frame, the Duration/ID field is set to the estimated time

required to transmit the VHT Compressed Beamforming frame plus one SIFS interval

plus the pending frame and its acknowledgement if required (including appropriate IFS values)

when any pending frames are to be transmitted within the same TXOP as the NDPA.

—Any Beamforming Report Poll transmission and VHT Compressed Beamforming

frames

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| 4708 | 316.01 | C |  |  | The MIB is incomplete. For example, there's no "dot11RMNeighborReportVHTRxHighestSupportedLongGIDataRate" | Make sure the MIB is complete, using the 11n MIB as a starting point |

Proposed Resolution: Rejected. The proposed change doesn’t include sufficient detail.

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| 4717 | 1.47 |  |  | Claims to be based on mb/D12.0 but isn't | For example, 118.24 has an asterisk but mb/D12.0 has a multipication sign there; 135.61 should be "reassociation"; etc. (it is impossible to give a complete list of errors, but the doubt has been sown) |

Proposed Resolution: Revised

Editor is instructed to review the Annex C quoted baseline material and adjust so that it is properly quoted.

**References:**