IEEE P802.11
Wireless LANs

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| Resolutions for Misselaneous CIDs |
| Date: 2012-03-12 |
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Abstract

This document proposes a resolution for CIDs 4221, 5310, 4094, 4519 and 4589 on P802.11ac/D2.0.

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| 4094 | 7.3.4.5 | T | 22.20 | How does the PHY determine whether to listen to Group ID 0 or 63?This is dependent on its identity as an AP or not, and a knowledge that these values are reserved for the downline or uplink. Such knowledge does not appear in 22.3.11.4.A STA should not listed for both of these group IDs if it wants to maximise power saving. | Add to GROUP\_ID or add a new parameter to cover the SU receive case. |

**Resolution**: Reject.

**Discussion:** Agree with the commentor that a device can save power by listening only to Group\_ID=0 or Group\_ID=63, depending on if the device is an AP etc. However, this should be left to implementation; not appropriate to mandate which packets should be dropped etc.

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| 4589 | 7.3.5.11.2 | T | 23.34 | (also line 34 on page 23.) Since we have a nice subclause about CCA in secondary channels in section 22 it seems strange to point to the preceeding subclause (which speaks of primary channels) | Change the reference in table 7.5 rows "secondary40" and "secondary80" from "22.3.19.5.2 (CCA sensitivity for signals occupying the primary20 MHz channel)" to "22.3.19.5.3 (CCA sensitivity for signals not occupying the primary 20 MHz channel)" |

**Resolution**: Agree.

**Discussion**: This seems to be a typo. Section 22.3.19.5.3 (CCA sensitivity for signals occupying the secondary 20 MHz channel) should be referenced.

**Change**: [*Note to editor*]. Change the reference in table 7.5 rows "secondary40" and "secondary80" from "22.3.19.5.2 (CCA sensitivity for signals occupying the primary 20 MHz channel)" to "22.3.19.5.3 (CCA sensitivity for signals not occupying the primary 20 MHz channel)"

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| 4519 | 7.3.5.11.2 | T | 23.18 | Are these values really elements? If so, where are these information elements defined, and why are their names not in initial caps? | If the channel-list "elements" really are information elements, define them. Otherwise replace "element" with "value" whenever these values of the channel-list are described. |

**Resolution**: Agree.

**Discussion**: It is confusing and inappropriate to use the term “channel-list element”, as it is in fact not an information element. This entity is referred to as “channel-list parameter”and simply “channel-list” in 801.11REVmb D10.2. For consistency, the same terminology should also be used in the 11ac amendment.

**Change:** [*Note to editor*]. Replace "element" with "value" whenever these values of the channel-list parameter are described.

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| 4221 | T | 265.06 | 22.3.21 | Error with the Nsym\_init equation in the case of STBC | "Replace ""Nsym\_init = Nsym - 1"" with""Nsym\_init = Nsym - m\_stbc"" in the case of Extra OFDM symbol = 1 in VHT-SIG-A2.We must have even number of symbols in the case of STBC. |  |

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| 5310 | T | 265.05 | 22.3.21 | Equation 117, denoting N\_Sym\_init is incorrect when both LDPC and STBC are enabled | Simple fix. Will provide submission. |  |

**Resolution:** Accept**.**

CIDs 4221 and 5310 relate to Equation 117, describing initial symbol length calculation when coding type LDPC is used. The equation is incorrect when the STBC is enabled. Re-write Equation 117 as follows:



Refer to document 11-12-0313-01-00ac, for more details on these resolutions.