IEEE P802.11  
Wireless LANs

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| Resolutions for Misc CIDs | | | | |
| Date: 2011-04-28 | | | | |
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Abstract

This document provides resolution for the comments listed below

Comments are from: 11-11-0276-09-00ac-tgac-d0-1-comments.xls

Comments refer to: Draft P802.11ac\_D0.1.pdf

Changes in the text refer to: Draft P802.11ac\_D0.3.pdf

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| 765 | Liu, Yong | Marvell | 7.2.3.1 | Modify the notes to the HT Capabilities element and HT Operation element with "the HT Capabilities element / HT Operation element is present when the dot11VHTOptionImplemented attribute is true" | AGREE.  See changes below. |

***Editor: Please add the following sentence***

**10.24 VHT BSS operation**

**10.24.1 Basic VHT BSS functionality**

A STA that has a value of true for dot11VHTOptionImplemented shall set dot11HighThroughputOptionImplemented to true.

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| 1014 | Seok, Yongho | LG Electronics | 7.3.1.11 | TBD for Robust | Further specification required. |
| 142 | Banerjea, Raja | Marvell Semiconductor | 7.3.1.11 | VHT Action Management packets contain time critical information, so they should not be Robut Action Management Packets. | Change Robust value from TBD to No. |
| 701 | Kneckt, Jarkko | Nokia Corporation | 7.3.1.11 | TBD should not exists in the standard | Define appropriate value for TBD fields. |
| 1583 | Zhu, Chunhui | Samsung Electronics | 7.3.1.11 | Robust field is TBD | resolve TBDs |
| 1154 | Stacey, Robert | Intel | 7.4.12.3 | The Group ID management frame needs to be classified for management frame encryption. | Since this is a real-time frame - table update is immediate on receipt of the frame - the frame should be classified as non-encrypted. |
| 1047 | Seok, Yongho | LG Electronics | 7.4.12.3 | TBD whether the action frame is "robust". TBD on the location of the field. | Define details. |

**Discussion: Agree in principle**

***Editor: Please make the following change***

**8.4 Management frame body components**

**8.4.1 Fields that are not information elements**

**8.4.1.11 Action field**

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| **Code** | **Meaning** | **See subclasue** | **Robust** |
| **<ANA>** | **VHT** | **8.5.16 (VHT Action frame details)** | **~~TBD~~No** |

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| 774 | Liu, Yong | 9.2.0b.4.2 | A VHT STA shall set the RIFS capability bit to 0 | as comment |

**Discussion: Disagree**

**There is already a sentence in 10.24.1 saying:**

The use of RIFS in a VHT BSS is deprecated. As such, a VHT AP shall set the RIFS Mode field in the HT

Operation element to 0.

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| 1488 | Lv, Kaiying | 9.21.6 | When a STA transmits a VHT format NDP，TXVECTOR parameters STBC shall be set to 0 | On line 13,add"STBC shall be set to 0" |

**Discussion: Disagree**

Different from 11n NDP (where STBC=0 is required), in VHT NDP the number of space-time streams is explicitly indicated by NUM\_STS. No need to fix the setting of STBC for NDP.

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| 1196 | Stephens, Adrian | Intel Corporation | 9.21.6 | "the STA that is the intended recipient of the VHT NDP." - this does not allow for the MU case | Describe the MU case |

**Discussion: Agree in principle**

***Editor: Please make the following change in 9.30.6***

**9.30.6 Transmission of a VHT NDP**

The number of space-time(#1082) streams sounded and as indicated by the NUM\_STS parameter shall not exceed the value indicated in the Compressed Steering Number of Beamformer Antennas Supported field in the VHT Capability element of ~~the~~ any STA that is the intended recipient or one of the intended recipients of the VHT NDP frame(#1084).