IEEE P802.11  
Wireless LANs

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| Resolution to some TGay SB000 CIDs v1 | | | | |
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Abstract

This document proposes resolutions to some TGay SB000 CIDs.

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| 6101 | 395.00 | 20.3.9 | Rev MD rejecte the solution based on a MIB variable. We need to allign to RevMD. | Replace "the scrambler seed should be set to the dot11ScramblerResetValue." with be "should be set to a random value not based on the scrambler value at the end of the last transmitted PPDU. | **Revise as in 11-20-0353** |
| 6182 | 395.00 | 20.3.9 | The text suggested might be misleading since there are some restrictions on the bits selection when MCS belongs to the set {9.1, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6} - see end of section 20.5.3.1.1 in REVmd Draft 3.0. Text should at least note this. | Add a note that when Extended SC MCS is used additional rules apply see 20.5.3.1.1 | **Revise as in 11-20-0353** |

***TGay Editor: Modify the text in P395L9-14 as follows:***

For each PPDU, the transmitter shall select a nonzero seed value for the scrambler (bits x1 to x7). The seed value should be selected in a pseudorandom fashion. If the SCRAMBLER\_RESET parameter is set to RESET\_SCRAMBLER and dot11MACPrivacyActivated is true, the scrambler seed should be set to a nonzero random value not based on the scrambler value at the end of the last transmitted PPDU, before changes required to indicate MCSs in the set {9.1, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6} are applied. The seed value is sent in the Scrambler Initialization field of the PHY header. Each data bit in the data field of the PPDU is then XORed with the scrambler output (x4 ⊕ x7) and then the scrambler content is shifted once.

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| 6191 | 273.00 | 10.42.2.3.1 | The discussion of which frame/packet to use for RSS ignores the case of RSS after BT (in the A-BFT) | Add a reference to 10.42.5.2 for the case the ISS was performed in the BTI. Add | **Revise as in 11-20-0353** |

TGay Editor: Modify the text in P273L4-7 as follows:

The responder initiates an RSS with the transmission of an SSW frame if the preceding ISS was performed with at least one SSW frame, which is the only frame allowed during an RSS. The responder initiates an RSS with the transmission of a Short SSW packet if the preceding ISS was performed with at least one Short SSW packet. If the ISS was performed in the BTI, the responder behaviour in the A-BFT is described in 10.42.5.2.

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| 6192 | 272.00 | 10.42.2.2.2 | If it is an RSS, why is this discussed in the Initiator TXSS subclause? | Move the text the 10.42.2.3 | **Revise as in 11-20-0353** |

*Discussion:*

The text does deal with an initiation of a TxOp, however, this is part of a responder sector sweep to a previous ISS, so it must be dealt with as an RSS.

***TGay Editor: Remove the text in P272L22-30 as follows:***

***TGay Editor: Insert the follow text after P272L12 (10.42.2.3.2)***

During a CBAP, an EDMG STA may obtain a TXOP with an unsolicited RSS by transmitting a Grant frame at the beginning of the TXOP or use an existing TXOP for an unsolicited RSS (see 10.42.6.2). If a TXOP is obtained through the transmission of a Grant frame and the TXOP holder intends to continue the TXOP with an unsolicited RSS, the TXOP holder shall set the Unsolicited RSS subfield in the Grant frame to 1 to indicate the SLS begins with an unsolicited RSS and is performed without an ISS.

If an SP is allocated with the Unsolicited RSS subfield in the BF Control field set to 1, the source STA shall set the Direction subfield in the SSW frame(s) to 1 to indicate the SLS begins with an unsolicited RSS and is performed without an ISS.

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| 6217 | 786.00 | AA | If the intent is to say that a STA may transmit an SSW frame with both the RA and TA set to its own MAC address it should be clearly that the STA MAC address is that of the transmitting STA. | Change: "A STA may transmit an SSW frame with both the RA field and the TA field set to the MAC address of the STA may to implement radar functionality."  To: "A STA may transmit an SSW frame with both the RA field and the TA field set to the MAC address of the transmitting STA, to indicate radar functionality." | **Revise as in 11-20-0353** |

***TGay Editor: Modify the text in P786L27-28 as follows:***

* A STA may transmit an SSW frame with both the RA field and the TA field set to the MAC address of the transmitting STA, to implement radar functionality In this case, the TXVECTOR parameter

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| 6218 | 786.00 | AA | If the intent is to say that a STA may transmit a short SSW packet with both the TXVECTOR parameter SSW\_SOURCE\_AID and SSW\_DESTINATION\_AID set to the AID of the transmitting SAT it should clearly say so. | Change: "A non-PCP and non-AP EDMG STA may transmit a Short SSW packet with both the TXVECTOR parameter SSW\_SOURCE\_AID and SSW\_DESTINATION\_AID set to the AID of the STA to implement radar functionality"  To: "A non-PCP and non-AP EDMG STA may transmit a Short SSW packet with both the TXVECTOR parameter SSW\_SOURCE\_AID and SSW\_DESTINATION\_AID set to the AID of the transmitting STA, to indicate radar functionality" | **Revise as in 11-20-0353** |

***TGay Editor: Modify the text in P786L31-33 as follows:***

* A non-PCP and non-AP EDMG STA may transmit a Short SSW packet with both the TXVECTOR parameter SSW\_SOURCE\_AID and SSW\_DESTINATION\_AID set to the AID of the transmitting STA to implement radar functionality.

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| 6219 | 787.00 | AA | If the intent is to say that a EDMG PCP STA or EDMG AP STA may transmit a short SSW packet with both the TXVECTOR parameter SSW\_SOURCE\_AID and SSW\_DESTINATION\_AID set to the BSS AID of the transmitting SAT it should clearly say so. | Change: "An EDMG PCP STA or an EDMG AP STA may transmit a Short SSW packet with both the TXVECTOR parameter SSW\_SOURCE\_AID and SSW\_DESTINATION\_AID set to BSS AID of the STA to implement radar functionality."  To: "An EDMG PCP STA or an EDMG AP STA may transmit a Short SSW packet with both the TXVECTOR parameter SSW\_SOURCE\_AID and SSW\_DESTINATION\_AID set to BSS AID of the transmitting STA, to indicate radar functionality" | **Revise as in 11-20-0353** |

***TGay Editor: Modify the text in P786L34-36 as follows:***

* An EDMG PCP STA or an EDMG AP STA may transmit a Short SSW packet with both the TXVECTOR parameter SSW\_SOURCE\_AID and SSW\_DESTINATION\_AID set to the BSS AID of the transmitting STA to implement radar functionality.

**References:**