IEEE P802.11
Wireless LANs

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| Proposed Resolutions to CID 612 and 617-622 in LB226 |
| Date: 2017-1-16 |
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 Abstract

This document proposes resolutions to CID 612 and 617-622 for 11aj D4.0.

**Revision History**

R0: Initial version.

**Technical comments:**

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| --- | --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Type | Comment | Proposed Change |
| 612 | 10.36.6.6.2a | 116 | 20 | T | Questions about additional RTS | Change "Additional two RTS" to "An additional two RTS" - and actually, shouldn't this really be "An additional two RTS handshakes should be attempted" - as it is currently worded, it is unclear if the STA would be sending two RTS in a row separated by SIFS, and addressed to self, maybe? Need some more specifics here about who these RTS are sent to. |

**Discussion:**

The intention is that there are two “RTS/DMG CTS handshakes”, not “Additional two RTS frames”.

Proposed resolution: **Revised**

***Change the following text***

“Additional two RTS frames should be sent at the end of every (aDMGPPMinListeningTime – aRTSTimeoutTime) interval during the CDMG protected period if the duration of the RTS/DMG CTS handshake(s) exchange is less than the time remaining in the SP.”

***to***

“The source STA should initiate an additional two RTS/DMG CTS handshakes on the two channels at the end of every (aDMGPPMinListeningTime – aRTSTimeoutTime) interval during the CDMG protected period if the duration of the two RTS/DMG CTS handshakes exchange is less than the time remaining in the SP.”

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| CID | Clause | Page | Line | Type | Comment | Proposed Change |
| 617 | 10.36.6.6.2a | 115 | 12 | T | Missing/wrong articles/clearer wording needed | Change "If a CDMG AP or PCP determines that there exists at least an SP or CBAP scheduled by neighboring APs or PCPs overlapping in both time and frequency with an SP allocated by the CDMG AP or PCP, and can not exclude that the other SP or CBAP does not interfere the allocated SP" to "If a CDMG AP or PCP determines that there exists at least one SP or CBAP scheduled by a neighboring AP or PCP that is overlapping in both time and frequency with an SP allocated by the CDMG AP or PCP, and can not determinet that the neighboring SP or CBAP does not interfere with its allocated SP" |

**Discussion:** Do as the suggested remedy.

Proposed resolution: **Accept**

***Change the following sentence***

"If a CDMG AP or PCP determines that there exists at least an SP or CBAP scheduled by neighboring APs or PCPs overlapping in both time and frequency with an SP allocated by the CDMG AP or PCP, and can not exclude that the other SP or CBAP does not interfere the allocated SP"

***to***

"If a CDMG AP or PCP determines that there exists at least one SP or CBAP scheduled by a neighboring AP or PCP that is overlapping in both time and frequency with an SP allocated by the CDMG AP or PCP, and cannot determine that the neighboring SP or CBAP does not interfere with its allocated SP"

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| CID | Clause | Page | Line | Type | Comment | Proposed Change |
| 618 | 10.36.6.6.2a | 116 | 16 | T | Missing/wrong articles/clearer wording needed | Change "In order to maintain STAs that" to "In order to maintain protection from STAs that" |

**Discussion:** Do as the suggested remedy.

Proposed resolution: **Accept**

***Change the following text***

"In order to maintain STAs that"

***to***

"In order to maintain protection from STAs that"

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| CID | Clause | Page | Line | Type | Comment | Proposed Change |
| 619 | 10.37a.2.1 | 126 | 33 | T | Missing/wrong articles/clearer wording needed | change "are the same as the channels when establishing" to "are the same as the channels used when establishing" |

**Discussion:** Do as the suggested remedy.

Proposed resolution: **Accept**

***Change the following text***

"are the same as the channels when establishing"

***to***

"are the same as the channels used when establishing"

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| CID | Clause | Page | Line | Type | Comment | Proposed Change |
| 620 | 10.36.6.6.2a | 116 | 37 | T | Missing/wrong articles/clearer wording needed | Change "Thus, the two pairs of STAs can direct its received antenna to its peer STA" to "Thus, the two pairs of STAs can direct their received antennae to their peer STAs" |

**Discussion:** Do as the suggested remedy.

Proposed resolution: **Accept**

***Change the following text***

"Thus, the two pairs of STAs can direct its received antenna to its peer STA"

***to***

"Thus, the two pairs of STAs can direct their received antennae to their peer STAs"

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| CID | Clause | Page | Line | Type | Comment | Proposed Change |
| 621 | 1036.7.3 | 117 | 36 | T | Missing/wrong articles/clearer wording needed | Change "commence the GP" to "initiate a GP" |

**Discussion:** Do as the suggested remedy.

Proposed resolution: **Accept**

***Change the following text***

"commence the GP"

***to***

"initiate the GP"

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| CID | Clause | Page | Line | Type | Comment | Proposed Change |
| 622 | 11.49.2 | 156 | 41 | T | Missing/wrong articles/clearer wording needed | Change "available channel" to "an available channel" change "channel scan" to "a channel scan" |

**Discussion:** Do as the suggested remedy.

Proposed resolution: **Accept**

***Change the following text***

"A DCT requester AP or PCP that intends to start a new BSS can assess available channel passively by performing channel scan or clear channel assessment (CCA) or by receiving one or more DMG Beacon frames sent by one or more APs or PCPs within one or more existing infrastructure BSSs or PBSSs."

***to***

"A DCT requester AP or PCP that intends to start a new BSS can assess an available channel passively by performing a channel scan or clear channel assessment (CCA) or by receiving one or more DMG Beacon frames sent by one or more APs or PCPs within one or more existing infrastructure BSSs or PBSSs."