IEEE P802.11
Wireless LANs

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| Some LB 199 Proposed Comment Resolutions |
| Date: 2014-03-18 |
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Abstract

Proposed resolutions to the CIDs in <https://mentor.ieee.org/802.11/dcn/13/11-13-1160-06-000m-lb199-gen-adhoc-comments.xls> are included in this document:

“Gen Review” tab:

2228, 2280, 2262, 2266, 2267,

2230, 2245, 2261, 2274, 2286,

2289, 2291, 2293, 2395, 2249,

2450, 2443, 2463 (overlaps 2060)

**CID**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2228 | 31.22 | 3.2 |  |  | Lines 22 and 30 use two different phrases for apparently the same concept. | On line 22 replace "when delivery method is GCR-SP" with "when the delivery method is GCR-SP" and on line 30 replace "with delivery method equal to GCR-SP" with "when the delivery method is GCR-SP". |

**Discussion:**

The cited text is below:



The current text at both L22 and L30 is “with delivery method equal to GCR-SP”.

**Proposed resolution: Revised**

At lines 22 and 30, change to “when the delivery method is GCR-SP” and insert “the” at L26 before “delivery method”

**CID 2280**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2280 | 80.44 | 4.4.3 |  |  | "all STAs within a PBSS can operate as a PCP" literally says that the set of STAs combined make up a PCP. | Replace "all STAs within a PBSS" with "every STA in a PBSS". Also replace the dated "within" on the next line with "in" and replace "PCPS should" with "PCPS, should". |

**Discussion:**

The cited text is below:

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**Proposed Resolution: Revised**

Change the text as indicated below:

**4.4.3 PBSS control point service (PCPS)**

The service provided by the PCP of a PBSS is known as the PCPS. Since each STA in a PBSS can

operate as a PCP, each STA in the PBSS is capable of providing the PCPS, if it becomes the PCP of the

PBSS. Non-PCP STAs do not provide the PCPS.

The services that comprise the PCPS are the following:

a) Association

b) Disassociation

c) Reassociation

d) QoS traffic scheduling

The PCPS is specified for use by MAC sublayer entities.

**CID 2262**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2262 | 62.49 | 4.3.9.2 |  |  | Normative verb and broken English in the introduction. Active mode cannot do anything; it is just a mode. And "like active mode" exemplifies a usage that is strongly discouraged even in grade school. | Replace "may be done by active mode (like active scan), passive mode (like passive scan)" with "can be done in active mode (using active scan), passive mode (using passive scan)". |

**Discussion:**

The cited text is below:



**Proposed resolution: Accepted**

**CID 2266**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2266 | 64.17 | 4.3.9.12 |  |  | Normative verb in the introduction. | Replace "may" with "can". |

**Discussion:**

The cited text is below:

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**Proposed resolution: Accepted**

**CID 2267**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2267 | 65.39 | 4.3.11 |  |  | Normative verb in the introduction. | Replace "may" with "can". |

**Discussion:**

The cited text is below:

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**Proposed resolution: Revised**

Change from “may be transmitted with 20..or 40” to

“can be transmitted with 20 MHz bandwidth and might be transmitted with 40 MHz bandwidth”

**CID 2230**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2230 | 33.20 | 3.2 |  |  | A cluster is a set of entities, not just "all entities". | Replace "All multiple" with "The set of all multiple". |

**The cited text is below:**

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**Proposed resolution: Revised**

**multiple medium access control (MAC) sublayers link cluster**: The set of all multiple MAC sublayer links

between a pair of stations (STAs).

**CID 2245**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2245 | 55.19 | 4.3.5.2 |  |  | Normative verb in the introduction. | Replace "may communicate" and "may move" with "communicate" and "move", respectively. (This is just an informative introduction, so these statements do not commit the standard to any particular design.) |

**Discussion:**

The cited text is below:

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**Proposed resolution: Revised**

Change from “may” to “can” (2 occurrences)

**CID 2261**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2261 | 62.08 | 4.3.9.1 |  |  | Normative verb in the introduction. | Replace "may" with "can". |

**Discussion:**

The cited text is below:

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**Proposed resolution: Accepted**

**CID 2274**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2274 | 71.11 | 4.3.16 |  |  | Department of redundancy department: what else could "Mesh BSS" in the 802.11 standard be than an 802.11 wireless mesh network? Or should we add "IEEE Std 802.11 wireless independent network" to the title of the IBSS introduction subclause, "IEEE Std 802.11 wireless personal network" to the title of the PBSS introduction subclause, etc.? | Delete ": IEEE Std 802.11 wireless mesh network" from this heading. |

**Discussion:**

The cited text is below:

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**Proposed Resolution: Accepted**

**CID 2286**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2286 | 84.48 | 4.5.3.3 |  |  | Normative verb in the introduction. | Replace "may" with "can". |

**Discussion:**

The cited text is below:

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**Proposed resolution: Accepted**

**CID 2289**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2289 | 85.25 | 4.5.3.5 |  |  | Normative verb in the introduction. | Replace "may disassociate" with "disassociates". |

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**Proposed resolution: Revised**

Change from “may disassociate” to “can disassociate”

**CID 2291**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2291 | 85.64 | 4.5.4.2 |  |  | Normative verb in the introduction. | Replace "may" with "can". |

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**Proposed resolution: Revised**

Change from “may be used” to “might be used”

**CID 2293**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2293 | 87.07 | 4.5.4.3 |  |  | Normative verb in the introduction. | Replace "may" with "can". |

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**Proposed resolution: Accepted**

**CID 2395**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2395 | 2048.37 | 19.1.3 |  |  | Normative requirement made on "equipment". This standard does not specify any equipment. Also a requirement that is not stated as a "shall". | Replace "it is mandatory that all ERP-compliant equipment" with "ERP-compliant PHYs shall". |

**Discussion:**

The cited text is below:



**Proposed resolution: Revised**

Change as shown below:

 “An ERP shall be capable”

**CID 2249**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2249 | 56.44 | 4.3.5.3 |  |  | Normative verb in the introduction. | Delete "may". (Since the contents of this sentence are limited to one possible situation.) |

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**Proposed resolution: Revised**

Change from “may” to “might”.

**CID 2450**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2450 | 60.24 | 4.3.8 |  |  | 4.3.8: "when there is no QoS BSS" to associate. Is that needed, or appropriate? | Insert ", for example" before "when" |





**Proposed resolution: Accepted**

**CID 2443**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2443 | 30.13 | 3.2 |  |  | We have three definitions with exactly the same right hand side (ERP-CCK, ERP-DSSS and ERP-DSSS/CCK). | Change the definition of ERP-CCK from "A PHY operating under Clause 19 (Extended Rate PHY (ERP) specification) rules" to "A mode of operation of a PHY operating under Clause 19 (Extended Rate PHY (ERP) specification) rules, where MODULATION=ERP-CCK."Similarly, for ERP-DSSS.Change the definition of ERP-DSSS/CCK from "A PHY operating under Clause 19 (Extended Rate PHY (ERP) specification) rules" to "A mode of operation of a PHY operating under Clause 19 (Extended Rate PHY (ERP) specification) rules, where MODULATION=ERP-CCK or MODULATION=ERP-DSSS." |

**Discussion:**

The cited text is below:

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**Proposed resolution: Accepted**

**CID 2463**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2463 | 3050.27 | O.2 |  |  | The Editor was right to be unsure about the resolution to CID 234, there is an error in Figure O-3. The AID 0 arrow should not be there to the second row. Also the O-5 changes are not complete. | Delete the second (lower) arrow for AID 0 in Figure O-3. On Figure O-5, add an indication of AID 0, with a split arrow to both the left cells (first and second row). Change the title of Figure O-7 to "Partial Virtual Bitmap example #5" (including lower-case 'e'). |

**Discussion:**

**Also see CID 2060, proposed resolution in 11-14-0207:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2060 | 3050.34 | O.2 |  |  | The changes indicated in the resolution of comment 234 on figure O-3 made no sense to me as editor. | Please review Figure O-3 versus the resolution of comment 234 and determine if any additional changes are necessary. |

**CID 2060 proposed resolution is:**

“Proposed resolution:

Revised. Remove the diagonal arrow in Figure 0-3.” This is the same resolution proposed by the commenter for Figure O-3 in CID 2463.

The resolution to CID 234 was:

REVISED (GEN: 2013-09-18 09:24:31Z) - - In 8.4.2.7, after the para which starts "When dot11MgmtOptionMultiBSSIDActivated is false" add a "NOTE---The bit numbered 0 in the traffic indication virtual bitmap need not be included in the Partial Virtual Bitmap field even if that bit is set."- In the same para, and in the "Method A" and "Method B" paras below, change "in the bitmap" to "in the traffic indication virtual bitmap"- In the next para, and in the para which ends "Otherwise, an AP uses Method A." below, change "in the virtual bitmap" to "in the traffic indication virtual bitmap"- In Figures O-2 and O-3 show the AID 0 bit in the PVB as 1 and split the arrow from AID 0 to point at both the Bitmap Control b0 and the PVB b0. Similarly, on O-5, show the AID 0 bit in the PVB as 1.

- In Figures O-1 to O-7 change the captions to:

 - say "Partial" first

 - have "Bitmap" in caps

 - not have "Example" in caps

 - say "Bitmap" (for O-7)

- Ditto for the title of Annex O

- Change "bit map" (case-insensitively) to "Bitmap"

- Change "bitmap control" (case-insensitively) to "Bitmap Control"

- "Traffic Indicator bit" is used exactly once in the spec, despite the grandiose uppercase letters -- change to "traffic indication virtual bitmap bit"

Cited text that describes Figure O-3 is:





Commenter suggests to “Delete the second (lower) arrow for AID 0 in Figure O-3. “

Cited text that describes O-5 is:





Commenter suggests: “On Figure O-5, add an indication of AID 0, with a split arrow to both the left cells (first and second row).”

The title of figure O-7 is:



Commenter suggests to change “Example” to “example”

**Proposed resolution: Revised**

In figure O-7, change “Example” to “example”

In figure O-3, delete the angled line and change from “0” to “1” in the second position from the left in the first (bitmap control) row.

In Figure O-5, at line 10 change the label from “Non-transmitted BSSID” to “Transmitted BSSID”

In the second row, change the leftmost bit from “0” to “1” and add an arrow from the “Transmitted BSSID..” label to the leftmost bit of the first row (similar to 2nd arrow in figure O-5). Change the arrow pointing to the second row to pont to the leftmost bit in the second row.

In Figures O-6 and O-7, change the label from “Non-transmitted BSSID” to “Transmitted BSSID” and add an arrow from the “Transmitted BSSID..” label to the leftmost bit of the first row.

**References:**