IEEE P802.11
Wireless LANs

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| Proposed resolution to Clause 35 editorial comments – Part 2 |
| Date: 2021-05-06 |
| Author: |
| Name | Affiliation | Address | Phone | Email |
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##### This submission contains the proposed resolution of the following 41 editorial comments.

2248, 2542, 2828, 2039, 2855, 2375, 2829, 1419, 2249, 2376,

3227, 2126, 2063, 3024, 2753, 1442, 2042, 2043, 1746, 2067,

3250, 1052, 1786, 1787, 2062, 2425, 2426, 3218, 2044, 2378,

1223, 1224, 1225, 3238, 2250, 2478, 2068, 3375, 3376, 2045.

1226.

##### The proposed changes are based on P802.11be D0.4.

##### Revision history:

##### R0 – initial version

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2248 | 128.39 | 35.3.3 | "An MLD has an MLD MAC address that singly identifies the MLD." not sure singly is the word to use. Uniquely maybe? | replace singly with uniquely |
| 2542 | 128.39 | 35.3.3 | Cumbersome statement: "An MLD has an MLD MAC address that singly identifies the MLD" | Change to "An MLD is uniquely identified by an MLD MAC address." |

***Discussion:***



As per the offline discussion with the author of the text, he “get[s] the wording from the station definition that “singly” is used. In the baseline, somehow uniquely is not used, and [he] will prefer to keep the same baseline language to make sure that whatever properties that baseline assume, MLD MAC address can have that as well.”

***Proposed resolution:***

Rejected. The word “singly” originates from the definition of STA in clause 3 of P802.11REVme D0.0. It is better to use the same terminology for the sake of consistency.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2828 | 129.06 | 35.3.4.1 | The subclause starts abruptly with not adequate background/introduction. Also, it starts with double negation and it is not clear why it should be written this way. | Please correct it |

***Discussion:***



The subclause is significantly revised and an introduction is added by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

***Proposed resolution:***

Revised. The subclause is significantly revised and an introduction is added by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2039 | 129.06 | 35.3.4 | The use of the word "these" seems a bit confusing as to what it is referencing | Replace "these" with "the following two" |

Discussion:



The subclause is significantly revised and the word “these” is removed by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

***Proposed resolution:***

Revised. The subclause is significantly revised and the word “these” is removed by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2855 | 129.07 | 35.3.4.1 | This paragraph contains double negatives and does not read well. | Change the paragraph to "If both of these conditions are met: --the transmitted Probe Response frame is individually addressed to a STA that has signaled that it does support operating in a given band (see 9.4.2.53 (Supported Operating Classes element)) --the APs affiliated to the AP MLD intend to be discovered by STAs" |

***Discussion:***



The subclause is significantly revised and the double negatives are removed by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

***Proposed resolution:***

Revised. The subclause is significantly revised and the double negatives are removed by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2375 | 129.01 | 35.3.4 | On several occasions "affiliated to" is used to indicate affiliation with an MLD device. At most places in the rest of the draft affiliated is followed by with which is the correct usage | Change "affiliated to" to "affiliated with" for all occurrences |

***Discussion:***

The subclause is significantly revised and the usage of “affiliated to” and “affiliated with” are corrected by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

***Proposed resolution:***

Revised. The subclause is significantly revised and the usage of “affiliated to” and “affiliated with” are corrected by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2829 | 129.32 | 35.3.4.1 | Add "then" to the end of the lin | Change, "... for that AP" to "for that AP, then" |

***Discussion:***



The subclause is significantly revised and this sentence is removed by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>

***Proposed resolution:***

Revised. The subclause is significantly revised and this sentence is removed by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 1419 | 130.01 | 35.3.4.2 | "if and" | "if and" is redundant |

***Discussion:***



The subclause is significantly revised and this note is removed by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

***Proposed resolution:***

Revised. The subclause is significantly revised and this note is removed by 21/0281r4 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0281-04-00be-resolutions-for-cc34-cids-for-mlo-discovery-procedures-rnr.docx>).

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2249 | 130.48 | 35.3.5.1 | Typo in "In the (Re)Association Requeust frame", should be "In the (Re)Association Request frame" | As in comment |
| 2376 | 130.59 | 35.3.5.1 | Request is incorrectly spelled as Requeust | Change Requeust to Request |
| 3227 | 130.59 | 35.3.5.1 | Typo: Requeust --> Request | As shown in the comment. |
| 2126 | 0.00 | 35.3.5.1 | Editorial: Requeust | as in comment |
| 2063 | 130.59 | 35.3.5.1 | Typo: "Association Requeust frame" | Correction of the typo to "Association Request frame" |
| 3024 | 131.59 | 35.3.5.1 | requeust frame should be Request frame | as in comment |

***Discussion:***



***Proposed resolution for CIDs 2249, 2376, 3227, 2126, 2063, 3024:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2753 | 130.56 | 35.3.5.1 | Two kinds of expression meaning the same thing; - (Re)Association - (Re-)Association Use of the same expression is preferred. | (Re)Association or (Re-)Association |

***Discussion:***

As per the 802.11 Editor Style Guide, no hyphen is required.

***Proposed resolution:***

Revised. Replace (Re-) with (Re), and (re-) with (re) throughout the draft amendment.

Note to the Editor: The global change is done in D0.4.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 1442 | 131.15 | 35.3.5.1 | Missing "the" before "MLD level" | Add "the" before "MLD level" |

***Discussion:***



***Proposed resolution:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2042 | 131.35 | 35.3.5.1 | Missing article | Revise initial text to read "In this example, the AP MLD..." |

***Discussion:***



***Proposed resolution:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2043 | 131.48 | 35.3.5.1 | Typo | Revise text to read "...AP 3 and a Multi-Link..." |

***Discussion:***



***Proposed resolution:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 1746 | 131.43 | 35.3.5.1 | Change 'ML element' to 'Multi-Link element' | As in the comment |
| 2067 | 131.43 | 35.3.5.1 | To align the expressions, "ML element" shall be changed to "Multi-link element" | As in the Comment |
| 3250 | 131.43 | 35.3.5.1 | "ML element" is used in this line, while "Multi-Link element" is used a lot in other places, the terminalogy is not harmonized | harmonize the terminology of ML element and Multi-Link element |

***Discussion:***

None.

***Proposed resolution for CIDs 1746, 2067:***

Accepted.

Note to the Editor: The global change is done in D0.4.

***Proposed resolution for CID 3250:***

Revised. Change “ML element” to “Multi-Link element” throughout the draft amendment.

Note to the Editor: The global change is done in D0.4.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 1052 | 131.37 | 35.3.5.1 | Change TA to TA field and RA to RA field | As in comment |

***Discussion:***



***Proposed resolution:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 1786 | 132.10 | 35.3.5.3 | "d" of disassociation frame should be upper case | As in the comment |
| 1787 | 132.15 | 35.3.5.3 | "d" of disassociation frame should be upper case | As in the comment |
| 2062 | 0.00 | 35.3.5.3 | "shall send disassociation frame". The frame are usually written as "Dissociation frame" | Change to "shall send a Disassociation frame" |
| 2425 | 132.09 | 35.3.5.3 | Modify "disassociation frame" to "Disassociation frame" for clarification. | Please see comment. |
| 2426 | 132.15 | 35.3.5.3 | Modify "disassociation frame" to "Disassociation frame" for clarification. | Please see comment. |
| 3218 | 132.09 | 35.3.5.3 | Capitalize disassoication frame. | Change "disassociation frame" to "Disassociation Frame" One more instance on line 15. |

***Discussion:***

None.

***Proposed resolution for CIDs 1786, 1787, 2062, 2425, 2426, 3218:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2044 | 132.01 | 35.3.5.4 | Typo | Replace initial word with "A" rather than "An" |
| 2378 | 132.61 | 35.3.5.4 | STA is preceded by A instead of An in IEEE 802.11 specs | Change An to A at the start of the sentence |

***Discussion:***





***Proposed resolution for CIDs 2044, 2378:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 1223 | 132.41 | 35.3.5.4 | Correct the "STA profile subelement(s)" to "\*Per-\* STA profile subelement(s)" | change the text to "The Basic variant Multi-Link element carried in the (Re-)Association Request frame shall include one or more \*Per-\*STA profile subelement(s)..." |
| 1224 | 132.52 | 35.3.5.4 | Correct the "STA profile subelement(s)" to "\*Per-\* STA profile subelement(s)" | change the text to "The Basic variant Multi-Link element carried in the (Re-)Association Response frame shall include one or more \*Per-\* STA profile subelement(s)..." |
| 1225 | 132.56 | 35.3.5.4 | Correct the "STA profile subelement" to "\*Per-\* STA profile subelement" | change the text to "Each \*Per-\* STA profile subelement included in..." |
| 3238 | 132.41 | 35.3.5.4 | STA profile subelement(s): It should be Per-STA Profile subelement(s). | As shown in the comment. |

***Discussion:***

None.

***Proposed resolution for CIDs 1223, 1224, 1225, 3238:***

Accepted.

Note to the Editor: The global change is done in D0.4.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2250 | 132.15 | 35.3.5.3 | Remove "respectively" in "To tear down the setup links between a non-AP MLD and an AP MLD, one of the APs affiliated with the AP MLD, respectively, shall send". It does not bring any precision | As in comment |

***Discussion:***



***Proposed resolution:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2478 | 132.28 | 35.3.5.4 | setup --> set up | As in the comment; also look for occurrences where "set up" is the corrcet word |

***Discussion:***



***Proposed resolution:***

Accepted.

Note to the Editor: Replace “to setup” with “to set up”.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2068 | 133.15 | 35.3.6.1.1 | In this subclause, there are several expressions like "DL and UL" or "UL and DL". I think it's better to align them as "DL and UL". | Change "for both UL and DL" as "for both DL and UL" |

***Discussion:***

None.

***Proposed resolution:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 3375 | 133.31 | 35.3.6.1.1 | adding control frame here, it should appy to both manangment and control frames | As stated in the comment |

***Discussion:***

Control frame is added by the submission 21/0282r6 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0282-06-00be-resolutions-for-cc34-cids-for-mlo-tid-to-link-mapping-subclause.docx>) as follows:



***Proposed resolution:***

Revised. Change the cited paragraph to “If a link is enabled, it may be used for frame exchange, subject to the power state of the non-AP STA operating on that link. Only MSDUs or A-MSDUs with TIDs mapped to an enabled link may be transmitted on that link. Management frames and Control frames may be sent only on enabled links.”

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 3376 | 133.54 | 35.3.6.1.1 | Remove this note. It is same as the baseline. | As stated in the comment |

***Discussion:***

The note is removed by the submission 21/0282r6 (<https://mentor.ieee.org/802.11/dcn/21/11-21-0282-06-00be-resolutions-for-cc34-cids-for-mlo-tid-to-link-mapping-subclause.docx>) as follows:



***Proposed resolution:***

Accepted.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 2045 | 132.12 | 35.3.6.1.1 | In this location, "multi-link" has a lower case "m" and lowercase "l", but in other locations it is upper case. | Ensure capitalization is consistent |

***Discussion:***

As per the IEEE 802.11 Editor Style Guide, capitalization of initial letter is required only if the description is related to element, subelement, field, subfield, frame, and some specific terms. “multi-link setup” is not required to be capitalized.



***Proposed resolution:***

Rejected. As per the IEEE 802.11 Editor Style Guide, capitalization of initial letter is required only if the description is related to element, subelement, field, subfield, frame, and some specific terms. “multi-link setup” is not required to be capitalized.

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** |
| 1226 | 133.45 | 35.3.6.1.1 | Correct the following sentence: "The non-AP MLD can retrieve buffered BUs corresponding to that TID on any links within this set of enabled links" | The correct sentence: "The non-AP MLD can retrieve buffered BUs corresponding to that TID on any link within this set of enabled links" |

***Discussion:***



***Proposed resolution:***

Accepted.