IEEE P802.11  
Wireless LANs

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| Comment resolution for CIDs 3279 and 3346 | | | | |
| Date: 2023-10-09 | | | | |
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Abstract

This submission resolves CID 3279 and 3346.

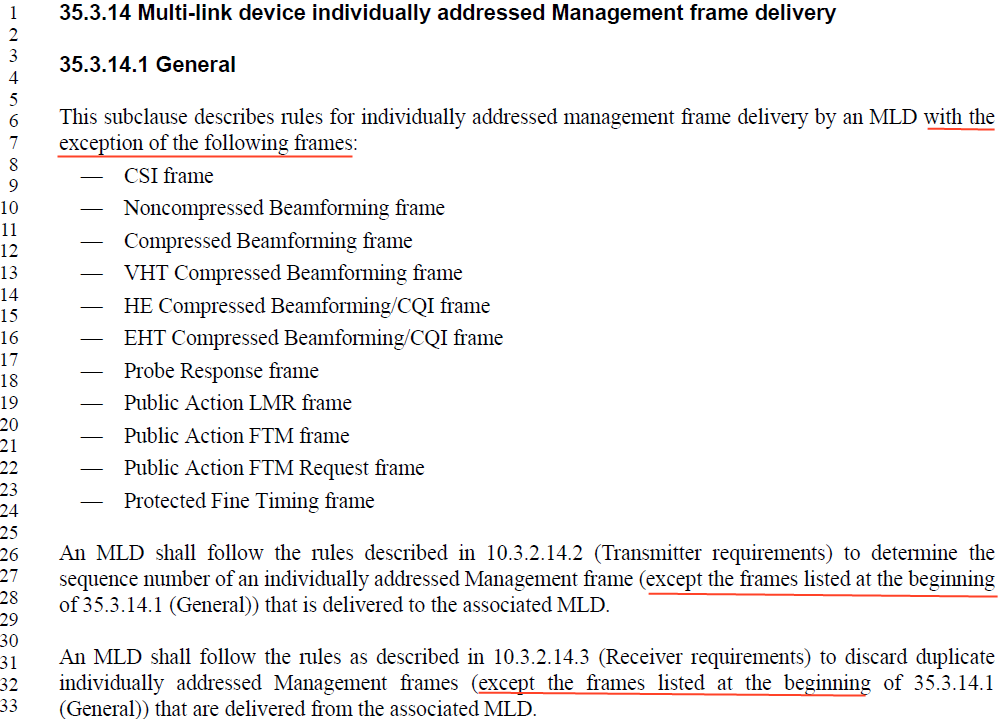
Revisions:

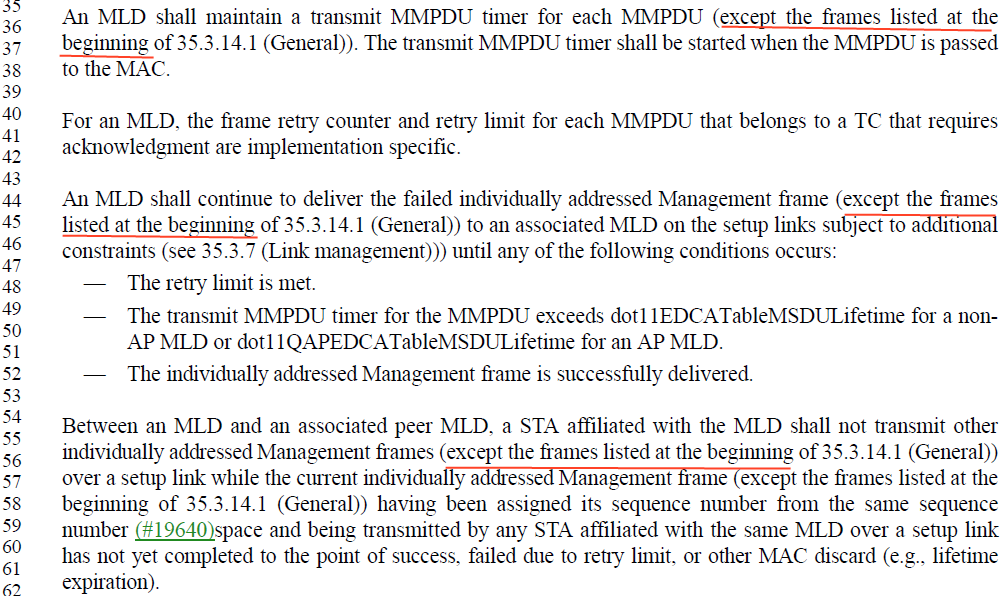
* Rev 0: Initial version of the document.
* Rev 1: Change resolution for 3279 to revised.
* Rev 2: Editorial change in resolution of 3279, and defer it.
* Rev 3: Bring back 3279.

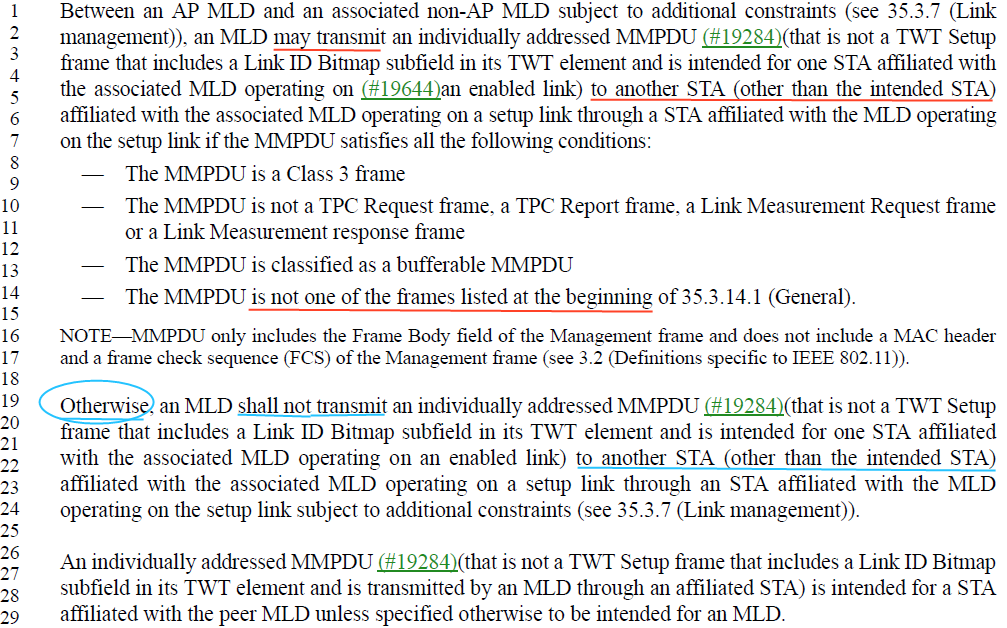
# CID 3279

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| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 3279 | 35.3.14.1 | 205.01 | Sensing procedure is a per-link basis procedure. The Sensing Report frames shall be transmitted in the measurement sequence, hence should not be transmitted in another link in an MLD. | Add Sensing Report frames into the frame list at the beginning of 35.3.14.1 of Draft P802.11be\_D4.0 | Revised.  In short, the frames list at the beginning of 35.3.14.1 are not supposed to be transmitted to another STA (other than the intended STA) affiliated with the MLD.  *TGbf editor to add the following into the frame list at the beginning of 35.3.14.1 of 11be D4.1:*   * Public Action Sensing Measurement Report frame * Public SBP Report frame * Protected Sensing Measurement Report frame * Protected SBP Report frame |

**Reference text (in 11be D4.1):**





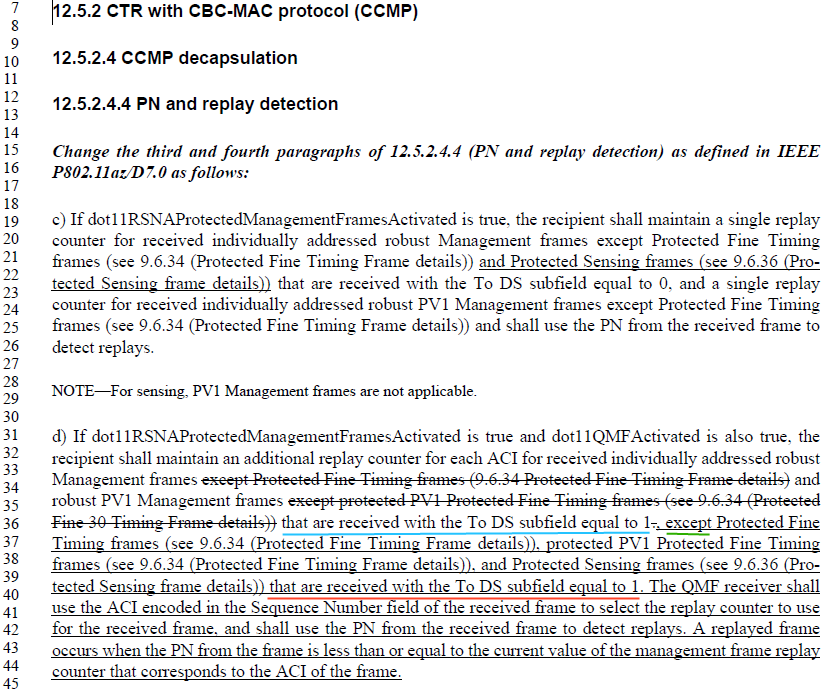


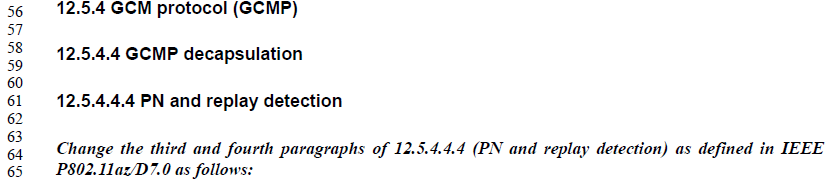
*Clause 35.3.14.3 Identification of the intended STA specifies by including an MLO Link Information element to identify the intended link of the MMPDU.*

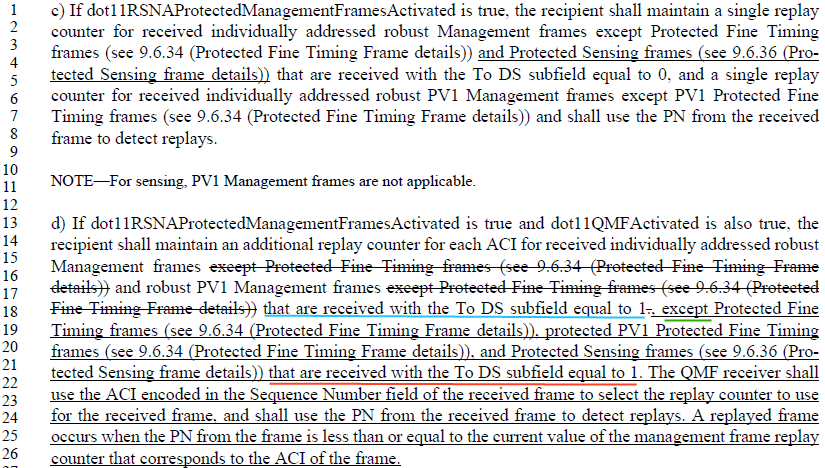
# CID 3346

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| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 3346 | 12.5.2.4.4 | 194.40 | It is unnecessary to repeat that the To DS subfield is equal to 1, as the requirement only applies to individually addressed robust Management frames with the To DS subfield equal to 1. | Delete "that are received with the To DS subfield equal to 1" | Revised.  Agree with the commentor and apply same change in clause 12.5.4.4.4 too.  *TGbf editor to make the changes shown in* [*Https://mentor.ieee.org/802.11/dcn/23/11-23-1577-02-00bf-lb276-cids-3279-3346.docx*](Https://mentor.ieee.org/802.11/dcn/23/11-23-1577-02-00bf-lb276-cids-3279-3346.docx) *under all headings that include CID 3346* |

**Reference text:**







**Resolution:**

**12.5.2.4.4 PN and replay detection**

*TGbf Editor: please change P194L40 in D2.0 as follows (marked in blue):*

d) If dot11RSNAProtectedManagementFramesActivated is true and dot11QMFActivated is also true, the

recipient shall maintain an additional replay counter for each ACI for received individually addressed robust

Management frames ~~except Protected Fine Timing frames (9.6.34 Protected Fine Timing Frame details)~~ and

robust PV1 Management frames ~~except protected PV1 Protected Fine Timing frames (see 9.6.34 (Protected~~

~~Fine 30 Timing Frame details))~~ that are received with the To DS subfield equal to 1~~.~~, except Protected Fine

Timing frames (see 9.6.34 (Protected Fine Timing Frame details)), protected PV1 Protected Fine Timing

frames (see 9.6.34 (Protected Fine Timing Frame details)), and Protected Sensing frames (see 9.6.36 (Protected

Sensing frame details)) ~~that are received with the To DS subfield equal to 1~~ (3346). The QMF receiver shall

use the ACI encoded in the Sequence Number field of the received frame to select the replay counter to use

for the received frame, and shall use the PN from the received frame to detect replays. A replayed frame

occurs when the PN from the frame is less than or equal to the current value of the management frame replay

counter that corresponds to the ACI of the frame.

**12.5.4.4.4 PN and replay detection**

*TGbf Editor: please change P195L21 in D2.0 as follows (marked in blue):*

d) If dot11RSNAProtectedManagementFramesActivated is true and dot11QMFActivated is also true, the

recipient shall maintain an additional replay counter for each ACI for received individually addressed robust

Management frames ~~except Protected Fine Timing frames (see 9.6.34 (Protected Fine Timing Frame~~

~~details))~~ and robust PV1 Management frames ~~except Protected Fine Timing frames (see 9.6.34 (Protected~~

~~Fine Timing Frame details))~~ that are received with the To DS subfield equal to 1~~.~~, except Protected Fine

Timing frames (see 9.6.34 (Protected Fine Timing Frame details)), protected PV1 Protected Fine Timing

frames (see 9.6.34 (Protected Fine Timing Frame details)), and Protected Sensing frames (see 9.6.36 (Protected

Sensing frame details)) ~~that are received with the To DS subfield equal to 1~~(3346). The QMF receiver shall

use the ACI encoded in the Sequence Number field of the received frame to select the replay counter to use

for the received frame, and shall use the PN from the received frame to detect replays. A replayed frame

occurs when the PN from the frame is less than or equal to the current value of the management frame replay

counter that corresponds to the ACI of the frame.

# SP2

Do you support resolutions to the following CID and incorporate the text changes into the latest TGbf draft: 3279, in 11-23/1577r3

Y/N/A

# SP1

Do you support resolutions to the following CID and incorporate the text changes into the latest TGbf draft:3346, in 11-23/1577r2

Y/N/A