IEEE P802.11  
Wireless LANs

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| LB274 CR for CID113 | | | | |
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Abstract

This document proposes resolution and discussion for CID113 on 802.11bh D1.0:

**Discussion**

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| CID | Page | Line | Comment | Proposed Change | Resolution |
| 113 | 33 | 37 | for IRM in PASN, AP does not send any IRM IE (or any way) to inform non-AP STA about the identification result (IRM success/fail) | Add a mechanism for IRM in PASN to inform non-AP STA about the identification result (IRM success/fail) | REVISED |

IRM is defined for 1- FILS Authentication, 2- PASN Authentication, 3- Other Authentication (non-FILS, non-PASN).

IRM’s Identification result (success/fail) is defined for 1- FILS and 3- Other Authentication (non-FILS, non-PASN):

“When a non-AP STA that advertises support for IRM associates to an AP that advertises support for IRM, the AP shall include an IRM KDE in message 3 of the 4-way handshake or, when using FILS authentication, including an IRM element in the Association Response frame. If the AP recognizes the IRM MAC address, the IRM Status field of the IRM KDE or IRM element is set to 1 and the IRM field is reserved. If the AP does not recognize the IRM MAC address, the IRM Status field of the IRM KDE or IRM element is set to 0 and the IRM field is reserved. The non-AP STA, on receipt of an IRM Status field of value 1 may either continue to associate to the AP or disassociate.”

IRM’s Identification result (success/fail) should be defined for PASN.

**Proposed Changes**

*Modify the following sentence in 12.2.11.2 Identifiable Random MAC address (IRM) operation in 802.11bh D1.0:*

“When a non-AP STA that advertises support for IRM associates to an AP that advertises support for IRM, the AP shall include an IRM KDE in message 3 of the 4-way handshake or, when using FILS authentication, including an IRM element in the Association Response frame or, when using PASN authentication, including an IRM element in the second PASN frame. If the AP recognizes the IRM MAC address, the IRM Status field of the IRM KDE or IRM element is set to 1 and the IRM field is reserved. If the AP does not recognize the IRM MAC address, the IRM Status field of the IRM KDE or IRM element is set to 0 and the IRM field is reserved. The non-AP STA, on receipt of an IRM Status field of value 1 may either continue to associate to the AP or disassociate.”