IEEE P802.11
Wireless LANs

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| Comment Resolution SA2 |
| Date: 2022-09-12 |
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Abstract

This submission proposes the comment resolution of CID 9009, 9010 and 9011; as part of SA2, changes are relative to Draft 6.0.

Revisions:

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGax Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGaz Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGaz Editor: Editing instructions preceded by “TGaz Editor” are instructions to the TGaz editor to modify existing material in the TGaz draft. As a result of adopting the changes, the TGaz editor will execute the instructions rather than copy them to the TGaz Draft.***

**The text preceded by “Discussion” is not part of the adopted changes.**

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| **CID** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| **9009** | 174.39 | 11.21.6.4.5.2 | "When an LMR frame contains range measurement results measured from an I2R NDP and a R2I NDP" - 'and' ? It cannot be both | Change 'and' to 'or' | **Revised**TGaz editor make changes depicted in<https://mentor.ieee.org/802.11/dcn/22/11-22-1592-00-00az-comment-resolution-sa2.docx> |
| **9010** | 174.39 | 11.21.6.4.5.2 | The full paragraph is quite long and convoluted, specifically in line 47 "that precedes the R2I NDP" is not very clear what NDP is referenced to. | Consider breaking into multiple paragrahs or bullet points; otherwise re-iterate what NDP is meant (immediate vs. delayed feedback). | **Revised**TGaz editor make changes depicted in<https://mentor.ieee.org/802.11/dcn/22/11-22-1592-00-00az-comment-resolution-sa2.docx> |
| **9011** | 174.44 |  | "Secure Sounding Ranging Trigger frame that solicited the I2R NDP and the R2I NDP" - a trigger frame does not solicit and R2I NDP | Change to "Secure Sounding Ranging Trigger frame that solicited the I2R NDP" | **Revised**TGaz editor make changes depicted in<https://mentor.ieee.org/802.11/dcn/22/11-22-1592-00-00az-comment-resolution-sa2.docx> |

**Resolution:**

* + - * 1. 11.21.6.4.5.2 TB ranging measurement exchange with secure HE-LTF
1. TGaz Editor: Change the following paragraphs on page 174 line 39 as follows

When an LMR frame contains range measurement results measured from an I2R NDP or an R2I NDP, an RSTA that transmits the R2I LMR frame, or when negotiated, an ISTA that transmits an LMR frame, shall include the Secure HE-LTF Parameters element in the protected LMR frame. The Measurement SAC subfield in the Secure HE-LTF Parameters element in the protected LMR frame shall be set to the same value as in the SAC subfield in the Trigger Dependent User Info field in the Secure Sounding Ranging Trigger frame that solicited the I2R NDP from the ISTA receiving or transmitting this protected LMR frame. The Measurement Result LTF Offset subfield in the Secure HE-LTF Parameters element in the protected LMR frame shall be set to the same value as in the LTF Offset subfield of the STA Info field in the Ranging NDP Announcement frame that precedes the R2I NDP used by the ISTA for this measurement result. When an ISTA or RSTA receives the R2I or I2R protected LMR frame, the ISTA or RSTA shall compare the value of the Measurement Result LTF Offset subfield with the value of the LTF Offset subfield in the corresponding STA Info field of the Ranging NDP Announcement frame, and if these two values don’t match, the ISTA or RSTA shall discard the measurement results carried in the protected LMR frame.