IEEE P802.11
Wireless LANs

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| Comment Resolution LB253 Parameters – Mandatory Secure LTF Repetitions |
| Date: 2021-01-08 |
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Abstract

This submission proposes the comment resolution of CIDs 5189, 5192 related to mandatory Secure LTF repetitions in the negotiation; as part of LB253, changes are relative to Draft 3.0.

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** |
| **5189** | 128.09 | 11.21.6.3.3 | "The ISTA shall set the Max R2I Rep and Max I2R Rep subfields to a value greater than 0 if the Secure LTF Required subfield of the Ranging Parameters field is equal to 1." - this requirement is receiver implementation specific | Remove this statement, a receiver which requires/finds useful repeated LTF, will request it. | **Revised**TGaz editor, make changes depicted inhttps://mentor.ieee.org/802.11/dcn/21/11-21-0761-01-00az-comment-resolution-lb253-parameters-part-4.docx |
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| **5192** | 130.09 | 11.21.6.3.3 | "If the Secure LTF Required subfield of the Ranging Parameters field is equal to 1, the RSTA shall set the Max R2I Rep subfield to a value equal to the corresponding value in the IFTMR frame, and the RSTA shall set the Max I2R Rep subfield to a value greater than 0 and less than or equal to the corresponding value in IFTMR frame." - no reason for >0 repetitions in secure case | Change to : "If the Secure LTF Required subfield of the Ranging Parameters field is equal to 1, the RSTA shall set the Max R2I Rep subfield equal to the corresponding value in the IFTMR frame and the Max I2R Rep subfield to a value less than or equal to the corresponding the value in IFTMR frame." | **Revised**TGaz editor, make changes depicted inhttps://mentor.ieee.org/802.11/dcn/21/11-21-0761-01-00az-comment-resolution-lb253-parameters-part-4.docx |
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**11.21.6.3.3 Negotiation for TB and Non-TB Ranging measurement exchange**

TGaz Editor: Remove the following paragraph to page 128 (line 9-10) as follows

The ISTA shall set the Max I2R Rep subfield to a value greater than 0, if it has also included the Secure LTF subelement in the Ranging Parameters element and the Secure LTF Required field is equal to 1. (#5189)TGaz Editor: Modify the following paragraph starting on page 130 (line 9-12) as follows

If the Secure LTF subelment is included in the Ranging Parameters element and the Secure LTF Required field is equal to 1, the RSTA shall set the Max R2I Rep subfield to a value equal to the corresponding value in the IFTMR frame, and the RSTA shall set the Max I2R Rep subfield to a value less than or equal to the corresponding value in IFTMR frame. (#5192)