IEEE P802.11  
Wireless LANs

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| More Passive TB Ranging CID Resolutions | | | | |
| Date: 2020-10-28 | | | | |
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Abstract

This document proposes resolution to TGaz LB249 CIDs:

3289, 3272 and 3306

in relation to [1].

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| **CID** | **P.L** | **Clause** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3289 | 97.13 | 9.6.7.49 | The ISTA Passive TB Ranging Measurement Report frame that is used by the ISTA to send its LMR to the RSTA in the Passive TB Ranging case, can probably be merged with the Location Measurement Report frame format. We would however in some way make the fram contain either the content in the Location Measurement Report frame format for the case of non-TB and TB Ranging, or the content in the ISTA Passive TB Ranging Measurement Report frame for the case when that is used by the ISTA to send its LMR to the RSTA in the Passive TB Ranging . However, keep in mind that an idea with the ISTA to RSTA LMR reporting in the Passive TB Ranging case is that the RSTA can copy the whole ISTA Passive TB Ranging Measurement Report element from each ISTA when it broadcasts it in the Secundus RSTA Broadcast Passive TB Ranging Measurement Report frame. Thus it makes sense in the Passive TB Ranging case to contain the report from the ISTA intact in the ISTA Passive TB Ranging Measurement Report element. | As per comment. | **Rejected.**  The comment fails to identify and locate an issue. It fails to identify sufficient level of detail so that specific wording of the changes can be determined.  It is OK to have different frames for the I2R LMR for Non-TB and TB Ranging, vs. for Passive TB Ranging. |

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| **CID** | **P.L** | **Clause** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3272 | 122.19 | 11.22.6.3.3 | We may we need to limit the LTF repetition for passive location ranging, in both the R2I NDP and the I2R NDP frames. Currently we have no such limit specified. | Look into if we need to specify a limit on the LTF repetition for Passive Location Ranging, and if we do specify such a limit. | **Rejected.**  The comment fails to identify and locate an issue. It fails to identify sufficient level of detail so that specific wording of the changes can be determined.  It is not a good idea to set a limit on this in the standard. We can leave it to the market to arrive at a good compromise. |

**Discussion to CID 3272:** It is not a good idea to set a limit on this in the standard. We can leave it to the market to arrive at a good compromise.

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| **CID** | **P.L** | **Clause** | **Comment** | **Proposed change** | **Proposed resolution** |
| 3306 | 24.00 | 6.3 | We are missing text in subclause 6.3 (MLME SAP interface) that deals with the required specifics the Passive TB Ranging subvariant of TB Ranging. | Throughout subclause 6.3 (MLME SPA interface), Add text to coverer the aspects of Passive TB Ranging that differns from TB Ranging. | Rejected.  Commenter withdrew the comment. |

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**References:**

**[1] Draft P802.11az\_D2.4**