IEEE P802.11  
Wireless LANs

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| 802.11  Resolutions to a few LB240 comments – Part 7a  (relative to IEEE 802.11 REVmd D2.0 and P802.11az D1.4) | | | | |
| Date: 2019-10-03 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | Email |
| Ganesh Venkatesan | Intel Corporation | 2111 NE 25th Ave, Hillsboro, OR 97124 | 503 334 6720 | [ganesh.venkatesan@intel.com](mailto:ganesh.venkatesan@intel.com) |
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**Abstract**

This submission proposes resolutions to the following LB240 CIDs: 2013, 2115, 2128, 2426.

History:

R0: Initial Version

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| 2013 | 4.07 | 4.3.19.19 | [Re-raising this comment from the comment collection, as it is not possible to determine from 18/1544r8 whether/how it was addressed. References are to the CC draft and hence may be wrong against D1.0.] Shouldn't have a TBD | Replace the TBD with some text | REVISE. Clause 4.3.19.19 in D1.4 includes additional content describing features in .11az. The corresponding editor instructions are in submission 11-19-1325r1.  No text changes required. |
| 2115 | 46.12 | 11.22.6.1.1 | [Re-raising this comment from the comment collection, as it is not possible to determine from 18/1544r8 whether/how it was addressed. References are to the CC draft and hence may be wrong against D1.0.] Duplicate of sentence at line 14 | Delete sentence starting at line 12 | REVISE. The duplication referred in the comment. “In EDCA based measurement the ISTA transmits an FTM Request to indicate its on channel availability” is removed in D1.4 (see Cl. 11.22.6.1.1 P101L16-17). |
| 2128 | 52.06 | 11.22.6.3.4 | [Re-raising this comment from the comment collection, as it is not possible to determine from 18/1544r8 whether/how it was addressed. References are to the CC draft and hence may be wrong against D1.0.] "one of the first 4 subfields of this field" is too brittle to be spec language | Refer to the fields explicitly | REVISE. D1.4 (P114L22-25) addresses the issue raised in this comment. The revised text now states “…and by the ISTA setting at least one of the first four subfields (AOA TX Capability, AOA RX Capability, AOD TX Capability, AOD RX Capability) of this field to 1 and the RSTA setting one the corresponding subfields (AOA RX Capability, AOA TX Capability, AOD RX Capability, AOD TX Capability) of this field to 1”.  No text changes required. |

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| 2426 | 36.01 | 9.4.2.26 | The Notes for TB Ranging Responder should be "A STA sets the TB Range Responder field ...". | As in comment. | REVISE. Incorporate editor instructions corresppnding to CID 2426 in submission 11-19-1686r0. |

Discussion: Table 9-153 where bits in the Extended Capabilities element are described, the notes column corresponding to the non-TB Ranging Responder and the TB Ranging Responder fields incorrectly refer to how the TB Range Responder field and the non-TB Range Responder field respectively are set (the field names are also inconsistent between the Information Column and the Notes Column, in addition it to being swapped).

Resolution: Revise.

***TGaz Editor: Changes the entries corresponding to non-TB Ranging Responder and TB Ranging Responder in Table 9-153 as shown below:***

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| Bits | Information | Notes |
| <ANA> | non-TB Ranging Responder | A STA sets the (#1895, #2644) non-TB Ranging (#2426) Responder field to 1 if dot11NonTriggedBasedRangingRespImplemented is true. Otherwise the STA sets the non-TB Ranging (#2426) Responder field to 0. See 11.22.6 (Fine Timing Measurement Procedure). |
| <ANA> | TB Ranging Responder | A STA sets the TB Ranging (#2426) Responder field to 1 if dot11TriggerBasedRangingRespImplemented is true. Otherwise the STA sets the TB Ranging (#2426) Responder field to 0. See 11.22.6 (Fine Timing Measurement Procedure). |