IEEE P802.11  
Wireless LANs

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| 802.11  [LB255 PICS Comment Resolution]  (relative to P802.11az/D4.0) | | | | |
| Date: 2021-09-15 | | | | |
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**Abstract**

This submission contains proposals to resolve LB#255 CID 6044, 6057, 6000 (3 CID total).

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| **CID** | **Page/**  **Line** | **Clause** | **Comment** | **Proposed change** | **Resolution** |
| 6044 | 262.1 | B.4.4.1 | In the Status Column entry "FT 67" in the MAC frames table reads: "CFRSTA:M (CFTB OR CFNTB OR CF):M" Either the last "OR CF" should be removed or completed to denote a valid element of B4.3 IUT configuration. Hence, remove "OR CF" from the Status Column. | as in comment | Reject.  The subject of the comment is unchanged text from D3.0 (LB253) as such it is out of scope for LB255.  The commenter is encouraged to bring the issue to the consideration of the TG during the SA ballot stage. |
| 6057 | 21.22 | 3.2 | The term "Ranging NDP" is not used. It should be "Ranging NDP Announcement", but in this case the definition is almost same as the term and it may not be necessay any more. HE Ranging NDP and HE TB Ranging NDP may be defined for PPDU. | Remove this definition | Reject.  There are 84 instances of Ranging NDP. In essence a Ranging NDP has two PPDU formats HE TB Ranging NDP and HE Ranging NDP. Refer to 27.3.18a HE Ranging NDP and HE TB Ranging NDP. |
| 6000 | 134.35 | 11.21.6.3.3 | In the current draft when phase shift feedback is negotiated, then phase shift TOAs are fed back \*in place\* of regular TOAs. The main purpose of using phase shift feedback is to allow for more accurate range calculations. However, there is really no reason to when enabling phase shift feedback to not also feed back the regular TOA. Supplying also the regular TOA can only improve the range measurement. We should therefor change the draft so that when phase shift feedback is negotiated, the modem feeds back both phase shift TOA as well as the regular TOA. It should be noted that this does not add any computational burden as the modem that wants to make use the phase shift feedback anyways has to calculate both its phase shift TOA as well as its regular TOA. We are only saying that it is benefitial to feed back both these measurements. | Change the draft so that when phase shift feedback is negotiated, both phase shift TOA and the regular TOA is fed back by the RSTA. If the ISTA is also feeding back time stamps, then also the ISTA feeds back phase shift TOA and the regular TOA. | Reject.  The commenter withdrew the comment. |