IEEE P802.11  
Wireless LANs

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| 802.11  [Resolutions to a few LB240 comments  (relative to IEEE 802.11 REVmd D2.0 and P802.11az D1.4) | | | | |
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**Abstract**

This submission proposes resolutions to the following LB240 CIDs:1143, 1693, 1698, 1916, 1764, 1781, 1911, 1915.

History:

R0: Initial Version

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| 1143 | 75.01 | 9.6.10 | Add DMG/eDMG to the Table 9-375 for public action field value 32 and 33 as well. | Add DMG/eDMG in addition to besides TB and non-TB. | Revise. Please refer to submission 11-19-466r4 that addresses this issue. No further text changes required. |
| 1693 | 72.32 | 9.6.7.49 | When new Public Action frames are defined, the corresponding Action field value need to be defined and Table 9-362 Public Action field values in Cl. 9.6.7.1. Similar comment applies for 9.6.7.50 and 9.6.7.51 as well. | Update Table 9-362 with a new item defining the Action field for ISTA Passive Location Measurement Report frame. Also the reference to the clause where Public Action field values are listed should be 9.6.7.1. | Revise. Please refer to submission 11-19-466r4 that addresses this issue. No further text changes required. |
| 1698 | 78.00 | 11.3.3 | TBD in the draft -- at this time the only unicast Management frames that are protected by PTKSA derived from PASN authentication are IFTMR, IFTM and LMR. Why cant they be listed (instead of leaving this as a TBD)? | Enumerate the PTKSA derived from PASN Authentication protected class-B Management frames that are currently defined in the draft -- initial Fine Timing Measurement Request frame, initial Fine Timing Measurement and Location Measurement Report. (and delete item iv (Lines 4-6)). | Revise. Please refer to submission 11-19-466r4 that addresses this issue. No further text changes required. |
| 1916 | 78.04 | 11.3.3 | TBD needs to be finalized | As per comment | Revise. Please refer to submission 11-19-466r4 that addresses this issue. No further text changes required. |

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| 1764 | 93.13 | 11.22.6.4.2 | It is unclear why EDCA is part of the title: 11.22.6.4.2 (RSTA Centric EDCA based measurement scheme. Typically channel access mechanism is not mentioned in the title. AP uses EDCA when it transmits Trigger frames. | Please, rename the clause with shorter and more precise title and ensure that the same title is used throughout the spec. Avoid using EDCA as an antonym for Triggered. | Revise. The convention used is to identify the channel access mechanism used to transmit the frames on which the measurements are performed. In this case, the measurements are performed on [the transmitted and received] Fine Timing Measurement frames which are transmitted after gaining access to the media using EDCA mechanisms. Use of the name consistently is addressed in submission 11-19-1483r2.  No text changes required. |
| 1781 | 81.09 | 11.22.6.1.1 | Is there any signaling that RSTA or ISTA has done the ranging and there is no more ranging operation in the remainder of the availability window? Such an indication could help a STA to return to power save faster and sleep mode. | Please clarify is there a possibilty to indicate that a STA has succesfully performed FTM measurement and will not be available for the remainder of the availability period. | Reject. Cl. 11.22.6.4.3 describes the measurement exchange in TB Ranging which consists of a polling, sounding and a measurement reporting phase. Once the measurement reporting phase is completed both the ISTA and the RSTA are aware that the measurement exchange (referred to in earlier drafts as ranging operation) is completed. There is no need for any explicit signaling that the measurement exchange is complete.  If the ISTA is not polled in the Polling Phase, the ISTA can use the More TF field to determine if it should wait for a future poll or enter sleep mode.  If by ‘no more ranging operation’ it is meant to end the session, there is an explicit termination procedure described in Cl. 11.22.6.6.  No text changes required. |
| 1911 | 13.28 | 6.3.56.1 | It makes no sense to start Note 3 by saying that this first text is talking about MLME-FINETIMINGMSMT.request only for Figure 6-17, and then have the next sentence talk about the primitive for 6-17b and 6-17c. | This Note needs more restructuring to apply to all the cases, clearly. | REVISE. Editor instructions in submission 11-19-1559r1 corresponding to CID 1909 addresses this issue.  No further text changes required, |
| 1915 | 14.18 | 6.3.56.2.2 | Should this really be the same (existing) primitive, or a new primitive? The new feature uses a new frame exchange, and (apparently) an exclusive set of parameters. It probably should be a new set of primitives. | Define new primitives, instead of making existing primitives so dependent (and mutually exclusive) on the usage. | Reject. The intend is to preserve the interaction between the SME and the MAC for all measurement exchanges (EDCA based, TB and non-TB). The SME always invokes the MLME-FINETIMINGMSMT.request to initiate the measurement exchange. |