**IEEE P802.11  
Wireless LANs**

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| LB271 CR for MAC Miscellaneous | | | | |
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Abstract

This submission proposes resolutions for multiple comments related to TGbe 3.0 with the following CIDs (15 CIDs):

* 15134, 17105, 17107, 18310, 17102, 16346, 17103, 17370, 17108, 17109, 16272, 16714, 17106, 17104, 17920

Revisions:

* Rev 0: Initial version of the document.

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 subsequent TGbe Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbe Editor: Editing instructions preceded by “TGbe Editor” are instructions to the TGbe editor to modify existing material in the TGbe draft. As a result of adopting the changes, the TGbe editor will execute the instructions rather than copy them to the TGbe Draft.***

| **CID** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- |
| 18310 | 431.08 | The FILS Authentication procedure should be updated for the MLO. | Please include the changes to the FILS Authentication (12/11) for the MLO. For example, HMAC-Hash(ICK, SNonce || ANonce || STA-MAC || AP-BSSID [ || gSTA || gAP ]) AP MLD MAC address is used instead of the AP-BSSID. STA MLD MAC address is used instead of the STA-MAC. | Rejected-  The comment fails to identify a specific issue to be addressed. It fails to identify changes in sufficient detail so that the specific wording of the changes that will satisfy the commenter can be determined. |
| 17102 | 625.32 | "An EHT non-AP STA that transmits an EHT MU PPDU addressed to a STA that is not a member of the transmitting STA's EHT BSS, shall set the TXVECTOR parameter BSS\_COLOR to 0. " spurious comma | Delete the comma | Accepted |
| 16346 | 625.43 | Update the text with EHT SU Transmission | Replace the text in the description of B17-B19 in the table from "that transmits an EHT MU PPDU addressed to a single STA" with "using an EHT SU transmission". | Revised-  Agree in principle.  TGbe editor to make the changes shown in 11-23/1144r0 under all headings that include CID 16346. |
| An EHT STA that is a TXOP responder ~~that transmits an EHT MU PPDU addressed to a single STA~~ using an EHT SU transmission (#16346) shall set the TXVECTOR parameter TXOP\_DURATION to UNSPECIFIED, if the RXVECTOR parameter TXOP\_DURATION of the EHT PPDU that solicits a response from the STA is UNSPECIFIED. | | | | |
| 17103 | 625.56 | "The contents of the Spatial Reuse fields" -- the SR fields of what? | Clarify | Rejected-  The comment fails to identify a specific issue to be addressed. It fails to identify changes in sufficient detail so that the specific wording of the changes that will satisfy the commenter can be determined.  Same sentence exists in the base spec. Please submit a comment to the base spec.  “The contents of the Spatial Reuse fields are carried in the TXVECTOR parameter SPATIAL\_REUSE for an  HE PPDU indicating spatial reuse information.” |
| 17370 | 627.35 | Now that we have a definition for EHT SU transmission I suggest using it throughout. Please check the draft and use EHT SU transmission instead of other terms, e.g., EHT MU PPDU addressed to a single STA". | As in comment. | Revised-  Agree in principle.  TGbe editor to make the changes shown in 11-23/1144r0 under all headings that include CID 17370. |
| 35.10.2 OBSS PD-based spatial reuse operation  The PHY-CCARESET.request primitive shall be issued at the end of the PPDU if the PPDU is ~~an EHT MU PPDU addressed to a single STA~~ an EHT SU transmission (#17370) and the RXVECTOR parameter SPATIAL\_REUSE indicates SR\_DELAYED. | | | | |
| 17108 | 629.07 | "The function b2int returns 1 if the input is true and 0 if the input is false." would be better before the huge list of things using it | Put it before the list, as something like ", where the function b2int returns 1 if its argument is true and 0 otherwise" | Revised-  Agree in principle.  TGbe editor to make the changes shown in 11-23/1144r0 under all headings that include CID 17108. |
| **35.11.3 Contents of the EHT PHY Capabilities Information field and Supported EHT-MCS And NSS Set field**  The EHT MAC determines the capabilities of its EHT PHY by using the PLME-GET primitive to read the EHT PHY MIB attributes (see Table 36-69 (EHT PHY MIB attributes)). The subfields in the EHT PHY Capabilities Information field in the EHT Capabilities element shall be set as follows, where the function b2int returns 1 if the input is true and 0 if the input is false:  …  ~~The function b2int returns 1 if the input is true and 0 if the input is false.~~ (#17108) | | | | |
| 17109 | 629.16 | Subfield can't be set to dot11EHTSupportedEhtMcsAndNssSet20MhzOnlyStaImplemented since that's a Boolean not a number | Use that nifty b2int function you've just dreamt up | Rejected-  EHT-MCS Map (20 MHz-Only Non-AP STA) is 4 octers.  And, dot11EHTSupportedEhtMcsAndNssSet20MhzOnlyImplemented is also 4 octets, not Booleant.  dot11EHTSupportedEhtMcsAndNssSet20MhzOnlyImplemented OBJECT-TYPE  SYNTAX OCTET STRING (SIZE(4)) |
| 16272 | 943.11 | Has the amended MIB been compiled with the rest of the MIB from the dependant drafts? | If not, the amended MIB should be compiled to ensure it is correct. | Rejected-  MIB compiling will be checked during the MDR. |
| 16714 | 948.55 | "which" should be "that" | Change here and in any other locations where needed | Revised  Agree in principle. Change “which” to “that”.  TGbe editor:  Change from  “A conceptual table for EHT PPE thresholds mappings, which determines the nominal packet padding value as a function of the two PPE thresholds,”  to  “A conceptual table for EHT PPE thresholds mappings, that determines the nominal packet padding value as a function of the two PPE thresholds,” |
| 17106 | 957.31 | dot11EHTSupportedEhtMcsAndNssSet20MhzOnlyImplemented should be dot11EHTSupportedEhtMcsAndNssSet20MhzOnlyStaImplemented | Change at 957.31 and 727.33 | Revised-  Agree in principle.  TGbe editor:  Change from  “dot11EHTSupportedEhtMcsAndNssSet20MhzOnlyImplemented”  to  “dot11EHTSupportedEhtMcsAndNssSet20MhzOnlyStaImplemented”  throughout TGbe Draft 3.2. |
| 17104 | 957.61 | dot11EHTSupportedEhtMcsAndNssSetmplemented should be dot11EHTSupportedEhtMcsAndNssSetImplemented | As it says in the comment. Also at 726.2/55, 727.36 | Revised-  Agree in principle.  TGbe editor:  Change from  “dot11EHTSupportedEhtMcsAndNssSetmplemented”  to  “dot11EHTSupportedEhtMcsAndNssSetImplemented”  throughout TGbe Draft 3.2. |
| 17920 | 971.17 | The comma after "dot11EHT20MHzOperatingSTARxNDPwithWiderBWImplemented" should be removed. | As in comment. | Accepted |
| 15134 | 0.00 | The MIB attribute, dot11EHTEMLMROptionImplemented, is defined but not used. | Delete the line for "dot11EHTEMLMROptionImplemented TruthValue," in p.945 and delete 11 rows starting from "dot11EHTEMLMROptionImplemented OBJECT-TYPE" in p.948. Or use it in 9.4.1.74 in relation to EMLMR Link Bitmap subfield to describe the behavior at an AP MLD, such as "An AP MLD with dot11EMLMROptionImplemented equal to true sets the EMLMR Link Bitmap subfield to the value obtained from the EMLMR Link Bitmap subfield of the received EML Operating Mode Notification frame." in p.218, l.11 after "..., otherwirese the bit position is set to 0.". | Revised-  Agree in principle.  TGbe editor to make the changes shown in 11-23/1144r0 under all headings that include CID 15134. |
| **9.4.1.74 EML Control field**  …  The EMLMR Link Bitmap subfield indicates the subset of the enabled links that is used by the non-AP MLD in the EMLMR mode. The bit position i of the EMLMR Link Bitmap subfield corresponds to the link with the Link ID equal to i and is set to 1 to indicate that the link is used by the non-AP MLD for the EMLMR mode and is a member of the EMLMR links; otherwise the bit position is set to 0. An AP MLD with dot11EHTEMLMROptionImplemented equal to true sets the EMLMR Link Bitmap subfield to the value obtained from the EMLMR Link Bitmap subfield of the received EML Operating Mode Notification frame.(#15134) The EMLMR Link Bitmap subfield is present if the EMLMR Mode subfield is equal to 1 and is not present otherwise. | | | | |
| 17105 | 0.00 | dot11EHTSupportedEhtMcsAndNssSet20MhzOnlyActivated and dot11EHTSupportedEhtMcsAndNssSetActivated are not used | Delete those MIB attributes | Revised-  Agree in principle.  TGbe editor:  Remove the following two MIB variables from the Annex C.   * dot11EHTSupportedEhtMcsAndNssSet20MhzOnlyActivated * dot11EHTSupportedEhtMcsAndNssSetActivated |
| 17107 | 0.00 | I think it is no longer de rigueur to have both dot11FooImplemented and dot11FooActivated | Follow the ARC guidance on this | Rejected-  The comment fails to identify a specific issue to be addressed. It fails to identify changes in sufficient detail so that the specific wording of the changes that will satisfy the commenter can be determined. |