IEEE P802.11  
Wireless LANs

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| LB 203 Comment Resolution for Miscellaneous part 3 | | | | |
| Date: 2014-09-03 | | | | |
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Abstract

This submission proposes resolutions for comments in different subclauses of TGah Draft 2.0 with the following CIDs (TOT 5 CIDs):

* 3010, 3743, 3964, 4163, 3264

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 TGah Draft. This introduction is not part of the adopted material.

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

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

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| **CID** | **Commenter** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 3010 | Adrian Stephens | 122.62 | 8.4.2.160 | """If the value of the New Operating Class field in the Extended Channel Switch Announcement frame does not indicate an S1G band,""  This wrongly assumes the element is carried only in an Extended Channel Switch Announcement frame." | Reword to cover cases of transmission in other frame types. | Revised –  Agree in principle with the commenter. Proposed resolution accounts for the suggested change.  TGah editor to make the changes shown in 11-14/1119r0 under all headings that include CID 3010. |
| 3743 | Liwen Chu | 185.11 | 8.6.24.5 | It seems that Reachable Address element can be used for a relay STA to notify its associated STAs to the root AP. Why don't you use that element for AID notification? | Clarify it. | Rejected –  The Reachable Address element includes the list of MAC addresses that can be reached through the relay STA. The STA Information announcement frame includes the AID Announcement element that can be used for multiple purposes (not limited to Relay operation) to inform a peer STA of a change in the AID that is assigned to a STA with a given MAC address. So the purpose and context of use of these two element(s)/frame(s) is indipendent. |
| 3964 | Mitsuru Iwaoka |  | 9.28 | "An S1G STA may support PSMP while Annex.B (PICS proforma) allows it. So, it is necessary to amend subclause 9.28 (PSMP Operation) for the S1G STA.  \* This comments relates to another comments to subclause 9.3.2.3.4." | "Insert a following text at the end of 9.28.1 (General).  ---  For an S1G STA, the same PSMP operation is applied, with ""HT STA"" is replaced by ""S1G STA"" and ""HT AP"" replaced by ""S1G AP"" across the whole subclause 9.28 (PSMP Operation)." | Revised –  Proposed resolution is inline with that of CID 3943 in 11-14/1067r0 which is quoted here:  “The CRC group believes that PSMP is not useful in 11ah as RAW operation can provide a similar functionality as PSMP. Proposed resolution is to specify that S1G STAs do not use PSMP.”  TGah editor to make the changes shown in 11-14/1067r0 under all heading that include CID 3943. |
| 4163 | Yonggang Fang | 186.61 | 8.6.25.3 | The RelayActivition response element shall be used only by the relay capable AP. Suggest to clarify in the text | "change ""The Relay Activation Response frame is used by the STA or AP to confirm ...."" to  ""The Relay Activation Response frame is used by the relay capable AP to confirm ....""" | Rejected –  The Relay Activation Response frame is not used only by the AP but also by a STA that is relay capable. This is described in Subclause 942h.2 (Relay operation) in the second paragraph:  “ *A non-AP STA with dot11RelaySTACapable equal to true may include a Relay Activation element with Relay Activation Mode subfield equal to 1 in (Re-)Association Request, Probe Request, Relay Activation Request or Relay(#4112, 4150) Activation Response frames. A non-AP STA with dot11RelaySTACapable equal to true may transmit a Relay Activation Request frame to the AP with which it is associated.*”  Similarly in P307L32:  “*An AP(#3068) with dot11RelaySupport equal to true may include a Relay Activation element with Relay Activation Mode subfield equal to 0 in (Re-)Association Response, Probe Response, Relay Activation Request or Relay Activation Response frames.*” So no further changes are needed. |
| 3264 | Alfred Asterjadhi |  | 8.4.2.170j.2 | Make sure all the capability indication bits have corresponding normative behavior defined somewhere (and that they coincide with each other.). E.g., the description of the 1 MHz Control Response Preamble Support should refer to the transmissio rather than the Reception." | As in comment. | Revised –  Agree in principle with the commenter. As of now the proposed resolution is to solve the inconsistency pointed out in the comment. Draft D3.0 is expected to have these inconsitencies solved. However, please submit precise comments next LB if any inconsistency is identified in D3.o of 11ah draft.  TGah editor to replace in P152L13 of D2.1: “Indicates if the STA supports Receiving control response with 1 MHz preamble as the response of >=2 MHz PPDUs” with “Indicates if the STA supports transmitting control response frames with 1 MHz preamble as the response of >=2 MHz PPDUs”. |

**Discussion:** *None.*

**8.4.2.160 Wide Bandwidth Channel Switch element**

**TGah Editor: *Change the sentence below as follows (#3010):***

If the value of the New Operating Class field in the frame that contains this element does not indicate an S1G band, Tthe subfields New Channel Width, New Channel Center Frequency Segment 0 and New Channel Center Frequency Segment 1 have the same definition, respectively, as Channel Width, Channel Center Frequency Segment 0 and Channel Center Frequency Segment 1 in the VHT Operation Information field, described in Table 8-238 (VHT Operation Information subfields). Otherwise, the subfields New Channel Width, and New Channel Center Frequency Segment 0 have the same definition, respectively, as the Channel Width, and the Primary Channel Number in the S1G Operation Information field, described in Table 8-240q (S1G Operation Information subfields). The New Channel Center Frequency Segment 1 subfield is reserved.