IEEE P802.11
Wireless LANs

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| Revisited CIDs of D5.1 with EDIT STATUS to be reviewed |
| Date: 2016-01-17 |
| Author(s): |
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Abstract

This submission proposes resolutions for multiple comments related to TGah D5.0 that were included in D5.1 though contained an EDIT STATUS from the Editor pointing to NR, MR, IR, N:

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.***

# PARS I

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| --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 8008 | Seok, Yongho | 10.31 | "An S1G STA is also a QoS STA, but does not support HCCA. An S1G STA is a non-mesh STA.": clearer to put into one sentence. | Replace "An S1G STA is also a QoS STA, but does not support HCCA. An S1G STA is a non-mesh STA." with "An S1G STA is not a mesh STA, but is a QoS STA (though it does not support HCCA)." | ***DISCUSSION (old resolution and edit status):******REVISED (EDITOR: 2015-11-24 19:48:25Z)****Replace the two sentences with "An S1G STA is a non-mesh STA and a QoS STA that does not support HCCA."****EDIT STATUS (M):****Replaced as instructed, however added a comma between the "mesh STA" and "and QoS STA. An (#Ed) tag identifies this.*Revised –Replace the two sentences with "An S1G STA is a non-mesh STA, and a QoS STA that does not support HCCA." |
| 8030 | Stephens, Adrian | 4.44 | "An EL STA is a ..." Definitions are a noun phrase, not a sentence. | Change this to read "A ..."Review all definitions and turn any whole sentences into noun phrases. | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 19:46:55Z)******EDIT STATUS (MR):****There were 3 locations in TGah D5.0 where the definition was a sentence as pointed out by the commment. Applied equivalent changes in each of them. More specifically, in P4L44 replaced "An EL STA is a" with "A", in P4L49 replaced "A non-sensor STA is a" with "A", and in P5L62 replaced "A sensor STA is a" with "A".*Revised –In P4L44 replace "An EL STA is a" with "A", in P4L49 replace "A non-sensor STA is a" with "A", and in P5L62 replaced "A sensor STA is a" with "A". |
| 8051 | Stephens, Adrian | 42.50 | The following MLME primitives support the signaling of AID switch request/response procedure.It would be nice to have a reference here to that procedures, which allows a reader of the .pdf to click through and find it. | Review the new MLME-SAP primitive "general" subclauses and add references to the related procedures. | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 19:50:22Z)******EDIT STATUS (MR):****Instructions to the editor were not complete. The editor added the related procedures for each "general" subclause. Please review that everything is correct. Search for editor's tag (#8051) in clause 6 of D5.1.*Revised – Instructions to the editor were not complete. The proposed resolution is to provide clear instructions to the editor to adequately make the changes.TGah editor to make the changes shown in 11-15/0083r0 under all headings that include CID 8051. |
| 8058 | Stephens, Adrian | 42.50 | The insertions have made a long paragraph into an over-long paragraph. There is no additional charge for whitespace. | Split the para into one or two paras. Perhaps a general para, then a general para per PV0 and PV1. The editors are encouraged to insert whitespace and structure elsewhere in the draft as they do their editing job to avoid "creeping overlongnessification" of baseline text. | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 19:51:09Z)******EDIT STATUS (MR):****Split the paragraph into two paragraphs. The new paragraph starts with the sentence "For PV0 MPDUs, the…". Please review looking for the tag (#8058).*Revised – Start a new paragraph from sentence “For PV0 MPDUs, the…” |
| 8077 | Stephens, Adrian | 104.24 | "Listen Interval field when it is carried in an S1G PPDU" - this creates a contradiction with the existing figure. | Show the existing figure and add "when it is not carried in an S1G PPDU". | ***DISCUSSION (old resolution and edit status):******REVISED (EDITOR: 2015-11-24 19:53:01Z)****Change the title of Figure 8-69 as follows: “Listen Interval field when it is carried in a non-S1G PPDU.”****EDIT STATUS (M):****The proposed resolution has been merged with that of CID 8076, with the title becoming "Listen Interval field carried in a non-S1G PPDU"*Revised –Change the title of Figure 8-69 as follows:“Listen Interval field carried in a non-S1G PPDU” |
| 8103 | Stephens, Adrian | 135.12 | This method of describing repeated fields has been replaced in REVmc with an alternative, which should also be applied throughout 802.11ah.One of the advantages of the new method is that it makes the multiplicity explicit. For example, 8.4.2.188 does not say that there is a minimum of one RAW Assignment field. | In Figure 8-577ae replace all the "RAW Assignment" columns with a single column containing a "RAW Assignments" field, of variable length.At 135.20 insert a new para:"The RAW Assignments field contains one or more RAW Assignment subfields."Then change references to the "RAW Assignment field" to "RAW Assignment subfield".Please make these changes throughout the amendment to the other Clause 8 structures that use the "old" repeating instances style. | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 19:53:30Z)******EDIT STATUS (MR):*** *Implemented similar changes for the S1G Sector Operation element, Reachable Address element, Short Probe Response Option element, Sectorized Group ID List element ensuring maintenance of consistency.*TGah editor to make the changes shown in 11-15/0083r0 under all headings that include CID 8103. |
| 8113 | Stephens, Adrian | 151.4 | "A value of 0x00" -- why the sudden, and unnecessary, switch to hex? | "The value zero" or "The value 0" | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 20:39:14Z)******EDIT STATUS (M):****The proposed change contains two options, equivalently the same. Opted for option 1.*Revised –Replace “A value of 0x00” with “The value zero”. |
| 8138 | Stephens, Adrian | 198.38 | "The Category field is set to the value for S1G, specified in Table 8-46 (Category values).The S1G Action field is set to the value for Header Compression, specified in Table 8-406b (S1G Actionfield values)."This duplicates normative specification elsewhere, and can be safely removed.Also, the description of the Dialog Token might be done once in 8.6.25.1. | Remove at least the cited text. Remove similar text in 8.6.25-8.6.28. | ***DISCUSSION (old resolution and edit status):******REVISED (EDITOR: 2015-11-24 20:40:48Z)****Proposed resolution is to use the same terminology that is used in REVmc D4.0. Replace the cited text with: “The Category field is defined in 8.4.1.11 (Action field).The S1G Action field is defined in 8.6.25.1 (S1G Action field).”Perform similar changes throughout 8.6.****EDIT STATUS (MR):****Performed the changes contained in the proposed resolution throughout the subclauses cited by the commenter in his proposed change (i.e., in 8.6.25-8.6.28).*Revised—Proposed resolution is to use the same terminology that is used in REVmc D4.0. Replace the cited text with: “The Category field is defined in 8.4.1.11 (Action field).The S1G Action field is defined in 8.6.25.1 (S1G Action field).”Perform the same changes for the Category field and S1G Action field in subclause 8.6.25.3, 8.6.25.4, 8.6.25.5, 8.6.25.6, 8.6.25.7, 8.6.25.8, 8.6.25.9, 8.6.25.10, 8.6.25.11, 8.6.25.12, 8.6.25.13. Perform the same changes for the Category field and Relay Action field, except for using reference 8.6.26.1 for the Relay Action field, in 8.6.26.2, 8.6.26.3, 8.6.26.4.Perform the same changes for the Category field and Flow Control Action field, except for using reference 8.6.27.1 for the Flow Control Action field, in 8.6.27.2, 8.6.27.3.Perform the same changes for the Category field and Control Response MCS Negotiation Action field, except for using reference 8.6.28.1 for the Control Response MCS Negotiation Action field, in 8.6.28.2, 8.6.28.3. |
| 8179 | Stephens, Adrian | 319.35 | "and the omni Beacon frame transmission" -- dnt bbrvt nncsrly | omni -> omnidirectionalMake this change globally. | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 20:42:21Z)******EDIT STATUS (MR):****Changed as instructed with the following modifications. Replaced "omni" with "Omni" when it was the name of the "Omni" field, replaced "omni directional" with "omnidirectional", "omnitransmission" with "omnidirectional transmission", "omnipreamble" with "omnidirectional preamble", "omniportion" with "omnidirectional portion"*Revised –Proposed resolution is inline with the suggestion. Changed other occurrences of the same term throughout the draft.Replace "omni" with "Omni" when it was the name of the "Omni" field, replaced "omni directional" with "omnidirectional", "omnitransmission" with "omnidirectional transmission", "omnipreamble" with "omnidirectional preamble", "omniportion" with "omnidirectional portion" throughout the draft. |
| 8263 | Rolfe, Benjamin | 82.41 | Change Item (a) to item ( c) ??? | change "c" to "a" | ***DISCUSSION (old resolution and edit status):******REVISED (EDITOR: 2015-11-24 20:50:19Z)****Change “item a” to “item c” in the editor instruction.****EDIT STATUS (MR):****Actually the proposed change by the commenter is inline with REVmc D4.0. Incorporating the change proposed by the commenter rather than the proposed resolution.*Accepted |
| 8296 | Hamilton, Mark | 329.63 | STAs don't send elements, they send frames. | Change "shall send a Reachable Address Update element" to "shall send a Reachable Address Update frame" | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 20:55:09Z)******EDIT STATUS (IR):****Note that the element may be carried in frames other than the Reachable Address Update frame, e.g., during association. As such the correct resolution should be "shall send a frame that contains a Reachable Address Update element".*Revised –Agree in principle with the comment. Proposed resolution specifies that it is the frame being sent.Replace “shall send a Reachable Address Update element” with shall send a frame that contains a Reachable Address Update element” |
| 8346 | Hunter, David | 10.31 | "An S1G STA is also a QoS STA, but does not support HCCA. An S1G STA is a non-mesh STA.": it would be clearer to replace "non-mesh" with its apparent meaning and to combine these "is not" descriptions. | Replace "An S1G STA is also a QoS STA, but does not support HCCA. An S1G STA is a non-mesh STA." with "An S1G STA is also a QoS STA, but it does not support HCCA and is not a mesh STA." | ***DISCUSSION (old resolution and edit status):******REVISED (EDITOR: 2015-11-24 20:48:48Z)****Same resolution as CID 8008.Replace the two sentences with "An S1G STA is a non-mesh STA and a QoS STA that does not support HCCA."****EDIT STATUS (M):****Replaced as instructed, except for adding a comma "...a non-mesh STA, and a QoS STA…".*Revised –Same resolution as CID 8008.Replace the two sentences with "An S1G STA is a non-mesh STA, and a QoS STA that does not support HCCA." |
| 8387 | Hunter, David | 239.62 | "NDPTxTime as calculated in 9.3.2.4a.2": actually, 9.3.2.4a.2 doesn't do any calculating, though it does some specifying. | Replace "NDPTxTime as calculated in" with "NDPTxTime, as specified in". | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 21:01:26Z)******EDIT STATUS (MR):****Merged resolution with that of CID 8017. As a result the proposed resolution becomes "NDPTxTime, which is specified in"*Revised –Merged resolution with that of CID 8017. As a result the proposed resolution becomes "NDPTxTime, which is specified in"Replace "NDPTxTime as calculated in” with "NDPTxTime, which is specified in". |
| 8412 | Hunter, David | 271.57 | "identifying the BSS from which a reception originates so that": it is hard to imagine an origination of a reception -- but much easier the origin of a received PPDU. And "reception process in the case when the reception is not from the BSS": because a PPDU has been transmitted from a BSS doesn't mean that the reception is from the BSS. | Replace "reception originates" with "received PPDU originates". And on line 58 replace "process in the case when the reception is not" with "process when the received PPDU is not". | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 21:05:26Z)******EDIT STATUS (MR):****Some modifications due to merging with proposed resolution for CID 8004 " process when the received PPDU could not be".*Revised –Proposed resolution is inline with the suggestion except for some merging with resolution for CID 8004.Replace “reception originates” with “recived PPDU originates” and “process in the case when the reception is not" with "process when the received PPDU could not". |
| 8427 | Hunter, David | 352.5 | Table 1, Draft Status, claims this draft has been updaed to 11mc D4.0. However, Table 10-2 in 11mcD4.0 is quite different from the text quoted in this copy of Table 10-1 (and 11ai made no changes to this table). This draft needs to be updated to the full 11mcD4.0, including replacing this version of Table 10-2 with a copy of the version in 11mcD4.0 | Update this dreaft to the full 11mcD4.0, including replacing this version of Table 10-2 with a copy of the version in 11mcD4.0 | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 21:07:56Z)****Note: This is a best effort task for the editor.****EDIT STATUS (NR):****The changes to Table 10-2 require precise instructions to the editor to be provided by the ballot resolution committee. Please provide detailed instructions to the editor.*Revised –CID 8429 moves some of the normative text related to S1G from the table to the subclause containing it. For the purpose of this CID the proposed resolution is to remove Table 10-2. In addition since D5.0 is already available the next draft should be inline with D5.0. Hence the editor should go one step forward and update to REVmc D5.0TGah Editor: Update the baseline document to 802.11REVmc D5.0. TGah Editor has editorial licence to ensure consistency of the IEEE802.11ah D6.0 of TGah with IEEE802.11REVmc D5.0. |
| 8465 | Asterjadhi, Alfred | 310.49 | "dot11PageSlicingActivated" variable should be dot11PageSlicingImplemented as it is tied to a capabilities indication. | Replace "dot11PageSlicingActivated" with "dot11PageSlicingImplemented" throughout the draft. | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 21:06:38Z)******EDIT STATUS (NR):****Both dot11PageSlicingActivated and dot11PageSlicingImplemented exist in the draft. Please provide more precise instructions to the editor in order to avoid duplicaced text.*Revised –Proposed resolution is to clarify that dot11PageSlicingImplemented controls support of the feature while the other MIB remains the one that activates it from the AP (as is). TGah editor to make the changes shown in 11-15/0083r0 under all headings that include CID 8465. |
| 8472 | Asterjadhi, Alfred | 253.52 | The baseline text is not inline with REVmc D4.0 | Ensure consistency with REVmc D4.0 fro this paragraph. | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 21:04:50Z)******EDIT STATUS (NR):****This subclause is not inline with REVmc D4.0. Required changes to ensure its consistency with REVmc D4.0 are not only editorial. Please provide a detailed resolution with instructions to the editor for this CID.*Revised –This subclause was changed significantly in RevMC D4.0 with some text move to subclause 9.2.8. Proposed resolution fixes this keeping consistency. TGah editor to make the changes shown in 11-15/0083r0 under all headings that include CID 8472. |
| 8474 | Asterjadhi, Alfred | 352.6 | THe content of the table is not inline with REVmc D4.0. Ensure consistency of the Table with the baseline | As in comment. | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 21:08:08Z)******EDIT STATUS (NR):****The contents of the table are not inline with REVmc D4.0, and required changes to ensure they are consistent would require modifications that may not be considered editorial. Please provide detailed instructions to the editor for this CID.*Revised –Proposed resolution of CID 8429 includes the transition of the normative text related to S1G STAs as paragraphs of the containing subclause. For the purpose of this CID the resolution is to delete Table 10-2 (inline with that of CID 8474.TGah editor: Delete Table 10-2. |
| 8475 | Asterjadhi, Alfred | 374.35 | Operation is for Energy Limited STAs but MIB variable is dot11S1GActivityActivated...Not very consistent. | Replace "dot11S1GActivityActivated" with "dot11S1GELOperationActivated" throughout the draft. Perhaps you want to do the same also for the Activity Specification element? For example replace "Activity Specification" with "EL Operation?? | ***DISCUSSION (old resolution and edit status):******REVISED (EDITOR: 2015-11-24 21:09:35Z)****Replace "dot11S1GActivityActivated" with "dot11S1GELOperationActivated" throughout the draft. Replace “Activity Specification element” with "EL Operation element” throughout the draft.****EDIT STATUS (MR):****Performed the second instruction in general by replacing "Activity Specification" with "EL Operation" throughout the draft to account for the occurrences in the case of frames, and fields as well.*Revised –Agree in principle. Proposed resolution is inline with the proposed change.Replace “Activity Specification” with "EL Operation” throughout the draft, including occurrences in the case of frames, elements, and fields. |
| 8552 | Wang, Xiaofei | 181.58 | This sentence is awkward. It should be reworded. | Change "The Sectorized Group ID field indicates a new sectorized group ID that it is associated with the receiver STAs." to "The Sectorized Group ID field indicates a new sectorized group ID that is associated with the receiver STAs." | ***DISCUSSION (old resolution and edit status):******ACCEPTED (EDITOR: 2015-11-24 21:04:11Z)******EDIT STATUS (M):****The resolution was merged with that of CID 8103. As a result the sentence is as follows: "Each Sectorized Group ID field is 4 bits and indicates a new sectorized group ID that is associated with the receiver STAs".*Revised –Agree in principle. The resolution was merged with that of CID 8103.Change "The Sectorized Group ID field indicates a new sectorized group ID that it is associated with the receiver STAs." to "Each Sectorized Group ID field is 4 bits and indicates a new sectorized group ID that is associated with the receiver STAs." |

**6.3 MLME SAP interface**

**TGah Editor: *Change the paragraphs below of this subclause as follows (#8051):***

The following MLME primitives support the signaling of AID switch request/response procedureprocedure described in 10.48 (Dynamic AID assignment operation)(#8051).

The following MLME primitives support the signaling of a sync control procedureprocedure described in 9.46 (Synchronization (Sync) frame operation)(#8051).

The following MLME primitives support the signaling of a STA information announcement procedureprocedure described in 10.48 (Dynamic AID assignment operation)(#8051).

The following MLME primitives support the signaling of an EDCA Parameter Set update procedureprocedure described in 9.2.4.2 (HCF contention-based channel access (EDCA))(#8051).

~~The following MLME primitives support the signaling of an activity specification procedure.~~

The following MLME primitives support the signaling of an EL operation(#8475, Ed) procedure described in 10.51 (Support for energy limited STAs)(#8051).

The following MLME primitives support the signaling of TWT Setup procedureprocedure described in 9.44 (Target wake time (TWT))(#8051).

The following MLME primitives support the signaling of a TWT Teardown procedureprocedure described in 9.44.8 (TWT Teardown)(#8051).

The following MLME primitives support the signaling of a Sectorized Group ID List managementmanagement described in 9.50 (Sectorized beam operation)(#8051).

The following MLME primitives support the signaling of Header Compression procedureprocedure described in 9.55 (Generation of PV1 MPDUs and header compression procedure)(#8051).

The following MLME primitives support the signaling of a reachable address update procedureprocedure described in 9.51 (S1G Relay operation)(#8051).

The following MLME primitives support the signaling of control response MCS negotiation procedureprocedure described in 9.7.6.5.4b (Control response MCS negotiation)(#8051).

The following MLME primitives support the signaling of relay activation and deactivation procedureprocedure described in 9.51 (S1G Relay operation)(#8051).

**8.4.2.188 RPS element**

**TGah Editor: *Replace “RAW Assignment field[s]” with “RAW Assignment subfield[s]”(#8103):***

**TGah Editor: *Change the paragraphs below of this subclause as follows (#8103):***

The RPS element contains one or more RAW Assignment ~~fields~~subfields(#8103). Each RAW Assignment ~~field~~ subfield(#8103) contains parameters necessary to restrict medium access to one or multiple STAs

**TGah Editor: *Replace the figure for RPS element format with the figure below (#8103):***



**TGah Editor: *Change the paragraphs below of this subclause as follows (#8103):***

The Element ID and Length fields are defined in 8.4.2.1 (General).

The RAW Assignments field contains one or more RAW Assignment subfields.(#8103)

The format of the RAW Assignment ~~field~~ subfield(#8103) is shown in Figure 8-577ag (RAW Assignment field subfield(#8103) format). The RAW Start Time, RAW Group, Channel Indication, and Periodic Operation Parameters subfields are conditionally present.

**8.4.2.192 S1G Sector Operation element**

**TGah Editor: *Replace the figure for S1G Sector Operation element format with the figure below (#8103):***



**TGah Editor: *Change the paragraphs below of this subclause as follows (#8103):***

The Number of Groups field indicates the number of ~~sectorized group IDs~~ GrpID subfields in the GrpIDs field following this field.(#8103)

~~The~~ Each GrpID ~~field(#MDR2)~~ subfield is 6 bits and (#8103) identifies the group of STAs that are allowed to transmit during this sector interval. The grpID 0 STAs are allowed to transmit within a beacon interval regardless of whether it is a sectorized beacon interval or not.

**8.4.2.202 Reachable Address element**

**TGah Editor: *Replace the figure for Reachable Address element format with the figure below (#8103):***



**TGah Editor: *Change the paragraphs below of this subclause as follows (#8103):***

The Address Count field is an integer representing the number of addresses in the Reachable Addresses field.

The Reachable Addresses field contains one or more Reachable Address subfields(#8103)

The Reachable Address ~~fields~~ subfields(#8103) indicate the MAC addresses that can be reached through the relay STA. The format of the Reachable Address ~~field~~ subfield(#8103) is shown in Figure 8-577bt (Reachable Address field subfield format(#8103)).

**TGah Editor: *Replace “Reachable Address field[s]” with “Reachable Address subfield[s]”(#8103):***

**TGah Editor: *Change the paragraphs below of this subclause as follows (#8103):***

The Address Count field is an integer representing the number of addresses in the Reachable Addresses field.

The Reachable Addresses field contains one or more Reachable Address subfields(#8103)

The Reachable Address ~~fields~~ subfields(#8103) indicate the MAC addresses that can be reached through the relay STA. The format of the Reachable Address ~~field~~ subfield(#8103) is shown in Figure 8-577bt (Reachable Address field subfield format(#8103)).

**8.4.2.206 Short Probe Response Option element**

**TGah Editor: *Replace the figure for Short Probe Response Option element format with the figure below (#8103):***

****

**TGah Editor: *Change the paragraphs below of this subclause as follows (#8103):***

The Probe Response Group Bitmap field indicates which Probe Response Option Bitmap ~~field(#MDR)~~subfield(#8103) is included in the ~~Short~~ PV1(#8486) Probe Response Option element. If Probe Response Option Bitmap ~~field(#MDR)~~ subfield *i* is included in the ~~Short~~ PV1(#8486) Probe Response Option element, then *i*-th bit in the Probe Response Group Bitmap field is set to 1.

The Probe Response Option Bitmaps field contains one or more Probe Response Option Bitmap subfields.

~~One or more Probe Response Option Bitmap fields(#MDR) are optionally included in the Short Probe Response Option(#MDR) element.~~ Each Probe Response Option Bitmap ~~field(#MDR)~~ subfield is one octet and(#8103) indicates which optional information is requested to be included in the ~~Short~~ PV1(#8486) Probe Response frame by the responding STAs. Setting a bit in a Probe Response Option Bitmap ~~field(#MDR)~~subfield(#8103) to 1 indicates that the corresponding information is requested to be included in the ~~Short~~ PV1(#8486) Probe Response frame if the responding STA supports the indicated information.The bit is set to 0 to indicate that the information is not requested.

**TGah Editor: *Replace “Probe Response Option Bitmap field[s]” with “Probe Response Option Bitmap subfield[s]” (#8103):***

**8.4.2.209 Sectorized Group ID List element**

**TGah Editor: *Replace the figure for Sectorized Group ID List element format with the figure below (#8103):***



**TGah Editor: *Change the paragraphs below of this subclause as follows (#8103):***

The Sectorized Group ID Type field indicates the sectorized group IDs usage. The value of 0 in the Sectorized Group ID Type field indicates that the values in the Sectorized Group ID ~~fields~~ subfields(#8103)refer to STAs in sectorization use. The values of the Sectorized Group ID Type field other than 0 are reserved for other purposes.

The Sectorized Group IDs field contains one or more Sectorized Group ID subfields.(#8103)

~~The~~ Each Sectorized Group ID ~~field~~subfield is 4 bits(#8103) and indicates a new sectorized group ID ~~that it~~ that(#8552) is associated with the receiver STAs. A value of 15 in the Sectorized Group ID ~~field~~ subfield(#8103) is reserved for padding bits.

**TGah Editor: *Replace “Sectorized Group ID field[s]” with “Sectorized Group ID subfield[s]” (#8103):***

**9.3.6 Group addressed MPDU transfer procedure**

**TGah Editor: *Change the first paragraph of this subclause as follows (#8472)***

***Note to the Editor: These are the only two paragraphs that should appear in 9.3.6 of D6.0 of TGah:***

When a STA transmits group addressed MPDUs in which the To DS field is 0, the STA shall use the basic access procedure, unless these MPDUs are delivered using PCF or using the group addressed transmission service (GATS). When group addressed MPDUs are not delivered using GATS, no RTS/(NDP)CTS or RTS/DMG CTS exchange shall be used, regardless of the length of the frame. In addition, no Ack frame shall be transmitted by any of the recipients of the frame. A STA that transmits a group addressed MPDU in which the To DS field is 1 shall, in addition to compliant with the basic access procedure of CSMA/CA, obey the rules for RTS/CTS exchange and the Ack procedure because the MPDU is directed to the AP. For DMG STAs, the MPDU transmission shall also comply with the access procedures defined in 9.36 (DMG channel access). When a STA transmits group addressed MPDUs in which the To DS field is 0, the STA shall use the basic access procedure, unless these MPDUs are delivered using PCF or using the group addressed transmission service (GATS). When group addressed MPDUs are not delivered using GATS, no RTS/CTS or RTS/DMG CTS exchange shall be used, regardless of the length of the frame. In addition, no Ack frame shall be transmitted by any of the recipients of the frame. A STA that transmits a group addressed MPDU in which the To DS field is 1 shall, in addition to compliant with the basic access procedure of CSMA/CA, obey the rules for RTS/CTS exchange and the Ack procedure because the MPDU is directed to the AP. For DMG STAs, the MPDU transmission shall also comply with the access procedures defined in 9.36 (DMG channel access).

**TGah Editor: *Change the last paragraph below of this subclause as follows (#8472):***

A STA that is not an S1G relay STA shall discard an MPDU with a group address in the Address 1 field if the value in the Address 1 field does not match any value in the dot11GroupAddressesTable and does not match the Broadcast address value. If an MPDU originates from an S1G relay STA's associated AP, and if the MPDU has any group address in its Address 1 field, then the STA shall forward that MPDU to the S1G relay AP.(#8410)

**9.2.8 MAC data service**

**TGah Editor: *Change the paragraph below of this subclause as follows (#8472):***

When dot11SSPNInterfaceActivated is true, an AP shall distribute the group addressed message into the BSS only if dot11NonAPStationAuthSourceMulticast in the dot11InterworkingEntry identified by the source MAC address in the received message is true. When dot11SSPNInterfaceActivated is false, an AP shall distribute the group addressed message into the BSS, except when dot11RelayAPOperationActivated is true and the group addressed message is received from a STA. In that case the group addressed message shall not be distributed into the BSS and it shall be forwarded to the S1G relay STA in the same relay. The S1G relay STA shall send the group addressed message to the associated AP as an individually addressed frame using either a four address frame format (PV0 or PV1) or an A-MSDU format as specified in 9.51.4 (Addressing and forwarding of group addressed relay frames).

Unless the MPDU is delivered via DMS, the STA originating the message receives the message as a group addressed message (prior to any filtering). Therefore, a STA shall filter out group addressed messages that contain their address as the source address. When dot11SSPNInterfaceActivated is false, group addressed MSDUs shall be propagated throughout the ESS. When dot11SSPNInterfaceActivated is true, group addressed MSDUs shall be propagated throughout the ESS only if dot11NonAPStationAuthSourceMulticast in the dot11InterworkingEntry identified by the source MAC address in the received message is true.

**9.48 Page Slicing**

**TGah Editor: *Change the paragraph below of this subclause as follows (#8472):***

A non-S1G STA shall not set dot11PageSlicingImplemented to true while an S1G STA shall set dot11PageSlicingImplemented to true if it supports page slicing.

**TGah Editor: *Change the paragraph below of this subclause as follows (#8472):***

An S1G STA for which dot11PageSlicingImplemented is true shall process all received TIM elements that include a Page Slice Number that matches its Page Slice Number and a page index that matches its Page index, and it shall follow the rules of 10.2.2.8 (Receive operation for STAs in PS mode during the CP) if the partial virtual bitmap of any of the processed TIM elements included the value of 1 in the position corresponding to any of its AIDs.

**TGah Editor: *Change the paragraph below of this subclause as follows (#8472):***

An S1G STA with dot11PageSlicingImplemented equal to true shall set the Page Slicing Support field in the S1G Capabilities element to 1. An S1G STA with dot11PageSlicingImplemented equal to false shall set the Page Slicing Support field in the S1G Capabilities element to 0.

**TGah Editor: *Change the paragraph below of this subclause as follows (#8472):***

If an AP meets the following conditions:

—its dot11PageSlicingActivated is true

— Has any STA(s) associated with it that has a value of false for dot11PageSlicingImplemented within a page

**TGah Editor: *Change the paragraph below of this subclause as follows (#8472):***

An S1G STA with dot11PageSlicingImplemented equal to true shall follow the page slicing rules as described in this subclause. An AP shall not include the bit in the partial virtual bitmap that corresponds to the AID of the S1G STA with dot11PageSlicingImplemented equal to false within a TIM element that has a value for the Page Slice Number field that is in the range of 0-30. An AP that has dot11PageSlicingActivated equal to false shall not transmit a TIM element that has a value for the Page Slice Number field that is in the range of 0-30.