IEEE P802.11
Wireless LANs

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| LB 200 clause 4.14 and 9.47 comment resolution |
| Date: 2014-03-17 |
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Abstract

This submission proposes comment resolutions of the following CIDs in clauses 4.16 and 9.47 from TGah Draft 1.2.

* CIDs: 2155, 2615, 2616
* CIDs: 2528

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** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 2155 | 4.16 | 5 | The word "Type 0 Sectiorized BSS" appears suddenly. | Replace "Type 0" with "Group". | Revised. Resolved in CID 1021 IEEE Doc 11-14-0105  |
| 2616 | 4.16 | 5 | what is Type 0 Sectorized BSS? | Clarify | Revised. Resolved in CID 1021 IEEE Doc 11-14-0105  |
| 2615 | 4.16 | 5 | It is not clear which STAs setup the NAV protection. Those that support TXOP based sectorization, or those who don't, or all of them | Clarify | Reject.  |
| 2528 | 9.47 | 200 | It is unclear how we can separate Type 0 and Type 1, whether it is possible to Type 0 and Type 1 at the same time if there is any need | Describe how to operate sectored transmission of Type 1 and Type 0 at the same time | Revised. |

**CID 2155 and 2616**

**Propose**

**Revised.**

**Two CIDs are identical to CID 2021. It is already resolved in IEEE Doc 11-14-0105. No change needed here.**

**CID2615**

**Discussion:**

Commenter asks for more clarifications regarding which STAs setup the NAV protection. Note that the text clearly indicates that it is the AP which sets up the NAV protection “AP starts a TXOP with omni-beam transmission … in order to set up the NAV protection”.

**Propose:**

Reject.

**CID2528**

**Discussion:**

Commenter asks for more clarifications regarding how to operate group and TXOP-based sectored transmission at the same time.

Note that in a group sectorizaation operation, the AP transmits a sectorized beam beacon to activate a certain groups of STAs (and effectively disallow sectorized beam-capable STAs belonging to other Group IDs from transmission.) Thus, the only additional restriction for TXOP-based STAs is not allowed to transmit during that beacon interval if its Group IDs are not included in the Sector Operation element in the sectorized beacon.

**Propose:**

Revised.

Instruct the editor to make the following modifications.

P230L34 (D1.1)

When the AP Sectorized Beam-Capable field is set to 3, group sectorization and TXOP-based sectorization may be optionally used at the same time if the AP or non-AP STA, intending~~s~~ to apply TXOP-based sectorization during the omni-beacon interval or the sectorized beacon interval ~~to STAs with the corresponding Sector ID~~, follows the rule that a non-AP STA is not allowed to transmit in certain sectorized beacon intervals as described in 9.47.3.