IEEE P802.11
Wireless LANs

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| LB 200 comment resolution |
| Date: 2014-05-11 |
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Abstract

This submission proposes comment resolutions of the clause 9.47 from TGah Draft 1.0.

* CIDs:1058,1135,1536,1537,1538

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 Number(C)** | **Page****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 1058 | 9.47.3 | 197.26 | "Stations in different sectors may be allowed to transmit at the same time if more than one sector is active at one moment. "I think this statement carries huge implications for behaviour that is not adequately expressed. | Add details of:1. Sectorized NAV operation at the AP2. How the AP signals to multiple sectors simultaneously.3. Rules for multiple sector selection. Consideration of what happens if STAs can receive multiple sectors simultaneously.4. Rules for alignment of different entities within a sector operation. For example, can a switch of sector take place within a RAW?Or delete the cited text. |  |
| 1135 | 8.4.2.170f | 94.62 | ".. the duration of the current sector transmissions and it is measured in 10 milliseconds time units."Somewhat awkward. Also doesn't follow style for a value/unit pair. | Replace with " the duration of the current sector transmissions, in units of 10 ms"Change 94.45 to match. |  |
| 1536 | 9.47.2 | 196.29 | It is not clear if the sectorization is completely optional for STAs not supporting the feature. | Clarify what is the behaviour of STAs not supporting sectorization. |  |
| 1537 | 9.47.2 | 196.29 | sectorization may increase the "hidden node" issue when there are STAs in the BSS that are not supporting it. Note that those STAs are not aware of sectorized procedure and will no hear the AP downlink transmission, so they can easily transmit UL data on top of AP DL transmission. Also how will the CCA be done? | Address the coexistance of the STAs not supporting sectorization with those supporting it in the same BSS. |  |
| 1538 | 9.47.2 | 196.49 | "If an AP is a sectorized beam-capable AP, it sets the AP SectorizedBeam-Capable field to 1, 2 or 3." | add "as described below" or something at the end of the sentence. And replace the paragraph with the paragraph following |  |